



# CONTROLLING TECHNOLOGY IS CONTROLLING THE FUTURE



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# INNOVATIVE SOLUTIONS FOR A SUSTAINABLE FUTURE

**With our continuous growth, since our establishment, we have made our mark on the world's top system integrators and we continue our progress as a new generation company.**

We develop technological solutions that perfect the operation in prominent industries, especially for energy, and in the field of transportation, which perfect the process, increase the efficiency, and make the safe production sustainable.

Our employees lay behind our technological solutions that create the difference. We have more than 200 employees, half of whom are engineers, we carry our success from Turkey to different geographies of the world and even to space with the companies we are affiliated with. We continue to carry out innovative works that will carry our flag so far, even to space with our new investments.

## KONTROLMATIK TECHNOLOGY WITH NUMBERS IN 2021

**20+**

SIGNED  
PROJECT

**62%**

INCREASE IN NUMBER OF  
FEMALE EMPLOYEE

**82%**

INCREASE IN NUMBER OF  
EMPLOYEE

**612**

MILLION TL  
NET SALES

**175.5**

MILLION TL  
EBITDA

**130.7**

MILLION TL  
NET PROFIT

**204%**

TURNOVER GROWTH

**28.7%**

EBITDA MARGIN

**445%**

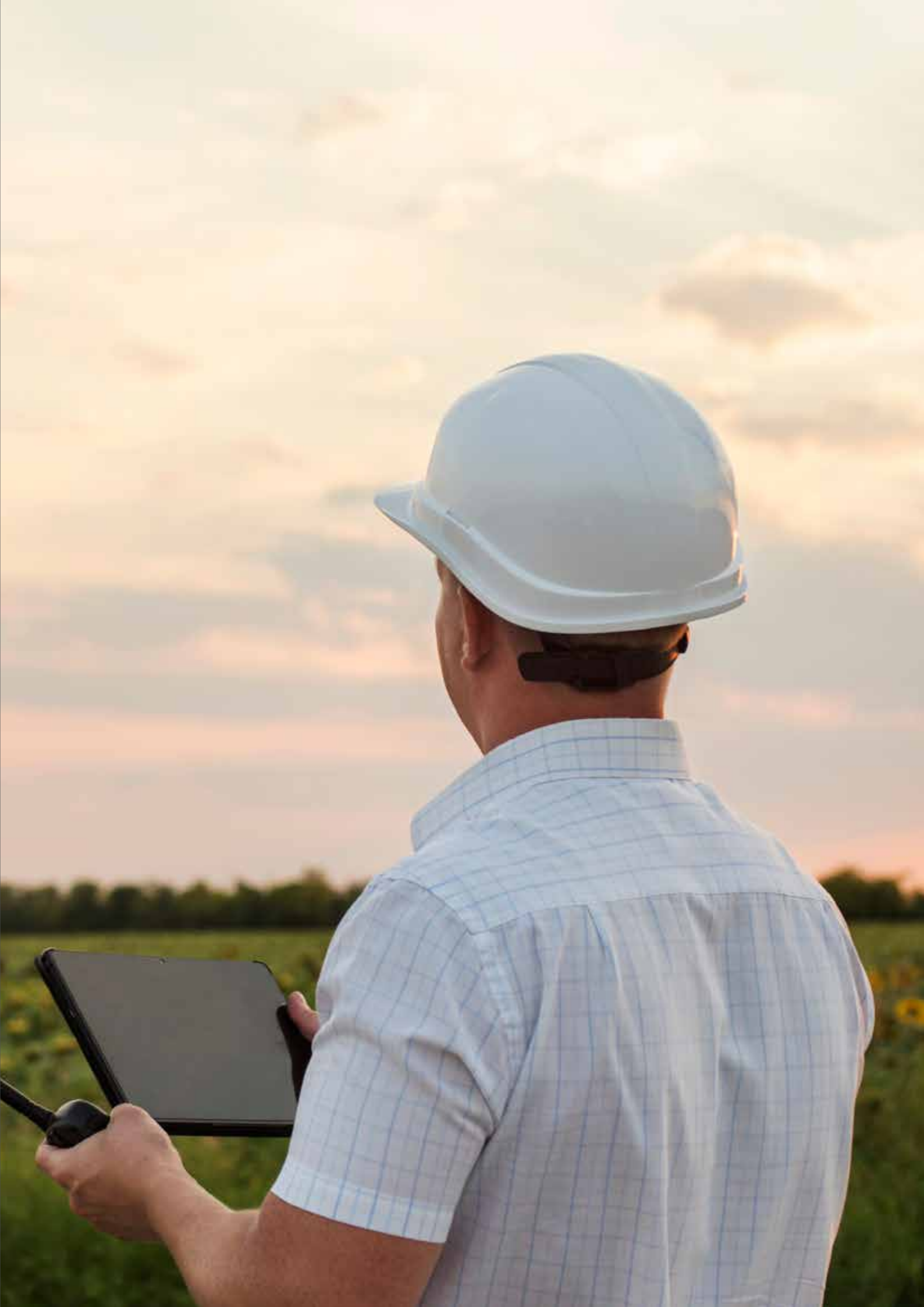
NET PROFIT INCREASE

# WE ARE IN THE BIG LEAGUE WITH OUR YOUNG ENERGY

A system integrator and strategic solution partner providing turnkey services, we serve with a young but specialized team. Our goals are bold, and dreams are very big. We are growing every day and adding new sister companies such as Pomega, Plan-S and Progresiva, and new brands such as Controlix. We are proud of being one of the youngest companies in the most prestigious list of the sector, by taking the 28<sup>th</sup> place in the "World's Top system Integrators" list published in the Control Engineering Magazine.

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**175.5** MILLION TL  
EBITDA





# WE RISE WITH GLOBAL SUCCESS

As a technology company, we always take part in projects that will take us one step ahead, not only in our country but also in the world. With the new offices we opened in many countries, we follow the developments in different markets more closely and on the spot. Today, apart from Turkey, we develop business, complete projects and provide solutions that shape the future of the world in many countries in Africa, Asia and Europe.

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## 28

NUMBER OF COUNTRIES  
WHERE WE ARE ACTIVE







# WE CREATE THE DIFFERENCE WITH R&D AND INNOVATION

We know the production facilities and production processes very well, and we develop projects that will speed up the operation and increase efficiency. In this direction, we are developing our collaborative robot arms and preparing to deliver them to our industrial customers. In addition, we are about to complete our preparations to add a different dimension to renewable energy production with the floating platforms we have developed for floating solar power plants. In the internet of things segment, we provide solutions to the digital world with our own sensors and software that we have developed with our Controlix brand.

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**11.9** MILLION TL  
R&D INVESTMENT





# WE ARE GROWING WITH FIRM STEPS

Despite the pandemic and economic uncertainties, we continue to grow with our trustworthy business partnerships and value-added technological solutions. In 2021, we recorded high growth in our sales revenues and EBITDA. We obtained approximately 73% of our turnover from international projects. We took firm steps towards bigger goals by continuing to invest in the future.

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## 73%

ABROAD PROJECTS SHARE  
IN TOTAL TURNOVER





# WE TAKE OUR GOALS TO SPACE

We are closely interested in the field of satellite and space technologies, and we are preparing to contribute to the satellite and space industry of our country with Plan-S, of which we are a 25% subsidiary. sign a work done for the first time in Turkey. The communication test satellites, which will be launched in 2022, will create a broadcast network in Turkey and the surrounding region, process the sensor data it will collect from various sectors and send it to the earth.

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**30** UNITS

TARGET NUMBER FOR  
SATELLITES IN SERVICE  
IN 2024





CONDENSED FINANCIAL INDICATORS

## STRONG AND RISING FINANCIAL PERFORMANCE

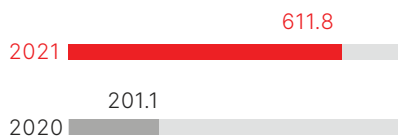
Kontrolmatik raised its EBITDA to 175.5 million TL in 2021,  
by 380% increase.

### Condensed Financial Indicators (Million TL)

	2020	2021	Change (%)
Income	201.1	611.8	204%
Gross Profit	47.6	165.4	248%
Real Operating Profit	31.6	168.6	433%
EBITDA*	36.5	175.5	380%
Net profit	24.0	130.7	445%
Cash and Cash Equivalents	52.1	77.1	48%
Total Assets	320.1	940.4	194%
Current Assets	281.0	778.9	177%
Fixed Assets	39.1	161.5	314%
Total Liabilities	186.3	654.0	251%
Equity of the Parent Company	133.8	286.6	114%

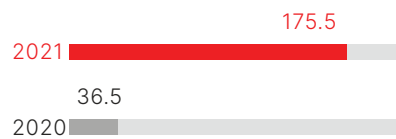
### INCOME (MILLION TL)

⬆️ **204%**



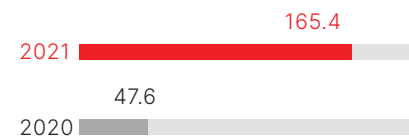
### EBITDA (MILLION TL)

⬆️ **380%**



### GROSS PROFIT (MILLION TL)

⬆️ **248%**





The majority of the Company's sales revenue comes from projects made to the private sector. The proportion of projects carried out abroad increased and reached approximately 73% in 2021 in line with the Company's strategy. Projects abroad are concentrated in the Turkic Republics, Middle East and African countries, and business development activities in new markets continue.

## 27.0%

GROSS MARGIN

## 28.7%

EBITDA MARGIN

## 21.4%

NET PROFIT MARGIN

### Financial Ratios

Liquidity Ratios (%)	2020	2021
Current Rate	1.61	1.34
Liquidity Ratio	1.27	1.11

Debt Ratios (%)	2020	2021
Total Liabilities/Total Assets	58.2	69.5
Short Term Fin. Debt/Equity	36.8	77.3
EBITDA/Financial Expenses	3.9	2.1
Net Debt/EBITDA	0.0	1.0
Equity/Liability	41.8	30.5
Total Liabilities/Equity	139.3	228.4
Financial Liabilities/Total Debts	30.1	44.2

Profitability Ratios (%)	2020	2021
Gross Margin	23.7	27.0
Core Operating Margin	15.7	27.6
EBITDA Margin	18.2	28.7
Net Profit Margin	11.9	21.3
Return on Equity**	27.2	62.1

Investment Ratios (%)	2020	2021
Investment/Depreciation	75.9	1757.6
Investment/Net Sales	0.7	19.8
ROIC (Return on Invested Capital)*	37.7	47.6
CRR	33.4	46.3

## 2021 HIGHLIGHTS

# ONE OF THE WORLD'S LARGEST SYSTEM INTEGRATORS

Kontrolmatik has achieved a new success by carrying its place to the 28<sup>th</sup> rank in the list of the world's top system integrators published by CFE Media and Technology.

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## 248%

GROSS PROFIT  
INCREASE

## 433%

REAL OPERATING  
PROFIT INCREASE

## 194%

TOTAL ASSET  
INCREASE

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### World's 28<sup>th</sup> Top system Integrator

Since the day it was founded, Kontrolmatik has carried out many successful projects in the public and private sectors, not only in Turkey but also in 28 countries in Europe, the Middle East and Africa. It achieved a new success by moving its place to 28<sup>th</sup> place on the list of the world's top system integrators published by CFE Media and Technology in Control Engineering Magazine.

Kontrolmatik, which has implemented many successful projects in the fields of operational technologies, industrial software, communication, information security, internet of things, power systems and project management, rose from 37<sup>th</sup> to 28<sup>th</sup> on the list of many international companies, by the help of its successful performance in business and process management. The fact that Kontrolmatik is one of the youngest companies on the list is another pride.

### Strong Financial Management

Kontrolmatik shares, which attracted great interest during its public providing in 2020 and garnered 26 times the demand, showed an increase in 2021. Kontrolmatik shares, which started trading on Borsa Istanbul Main Market with the gong ceremony on Monday, 19 October with the KONTR code, closed the year 2021, which started at 25,43 TL, at 65 TL.

### Mobile Solutions Factory Started Production

The Mobile Solutions Factory, which has a closed area of approximately 4.000 m<sup>2</sup> in Ankara Kahramankazan, started its operations in 2021 and started production. In this factory, portable power generation, transmission and distribution equipment such as mobile substation, e-house, energy storage systems, mobile hybrid power generation units are produced. These products, which are the result of many years of experience of the Kontrolmatik engineering team, are designed to provide maximum service and performance in restricted areas and in all kinds of ambient conditions. The systems, which are designed to operate without any problems for many years in harsh ambient and environmental conditions, especially in the Middle East and Africa, continue to solve the energy needs of different geographies.

### Mobile Hybrid Power Generation Module Showcased at EIF

The Mobile Hybrid Power Generation Module, which started to be produced at Kontrolmatik's Mobile Solutions Factory in Ankara, was introduced at the EIF 2021 International Energy Congress and Fair held in Antalya between 13-15 October 2021.

The Mobile Hybrid Power Generation Module, developed by the Kontrolmatik Technology Engineering Department, enables energy production, storage and distribution wherever it is needed with its movable solar panels, wind turbines that can rotate according to the wind direction, high efficiency diesel generator support and lithium battery cells.

### **Kontrolmatik's Subsidiary Plan-S Satellites in Space in 2022**

Plan-S, a 25% subsidiary of Kontrolmatik, which is closely interested in the field of satellite and space technologies and carries out works on the internet of things and wide area communication, is preparing to send the developed communication test satellites into orbit. The agreement for sending three test satellites to low earth orbit with Space X Falcon 9 rockets in 2022 was signed in 2021.

With the project, which will be realized for the first time in Turkey, the satellites will create a broadcast network in Turkey and the surrounding region, process the sensor data collected from various sectors and send them to the earth. The Company, which will send one satellite in the third quarter and two in the fourth quarter of 2022, aims to put a total of 30 satellites into service in 2024.

### **Lithium Battery Factory in Polatlı, Ankara**

In order to lay the foundations of the factory, where Kontrolmatik will produce lithium iron phosphate battery cells and energy storage systems at the beginning of 2022, approximately 100 thousand square meters of land in Polatlı, Ankara was purchased in 2021. The first phase with a capacity of 250 MWh is planned to be completed by the end of 2022. The factory, which will operate in three phases, will reach a capacity of 1,000 MWh when completed.



With this investment which will reduce foreign dependency on energy storage solutions., a significant contribution will be made to both employment and exports. 250 people will be employed in the first phase of the factory, and when all phases are completed, the number of employees will reach to 600.

### **First Energy Storage System Delivery**

Kontrolmatik has delivered one of the first energy storage systems in Turkey, manufactured by Meram Elektrik Dağıtım A.Ş., in 2021. The system, with a capacity of 521 kWh, operates simultaneously with solar energy, diesel generator and grid, synchronously and integratedly, responding to different operating conditions. The engineering, energy management system, manufacturing, installation and commissioning scopes of the energy storage system were delivered turnkey by Kontrolmatik.

**For the lithium iron phosphate battery cell and energy storage systems factory, approximately 100 thousand square meters of Land in Polatlı, Ankara was purchased.**



## 2021 HIGHLIGHTS

## PROJECTS AT NATIONAL AND INTERNATIONAL LEVEL

Kontrolmatik has accomplished many successful projects in the public and private sectors, not only in Turkey, but also in 28 countries in Europe, the Middle East and Africa.

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**It has been decided to establish Progresiva Enerji Yatırımları Tic. A.Ş., which will work on sustainable alternative energy investments, energy storage and energy trade.**

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Some highlights

- It was decided to establish a Kontrolmatik Sailing Team and to start working on participating in the races in 2022.
- A 100% subsidiary company has been established in the Republic of Cameroon.
- Kontrolmatik Toshkent LLC was established in Uzbekistan as a 100% subsidiary.
- In the field of battery technologies, Pomega Enerji Depolama Teknolojileri A.Ş. was established which is planned to be involved in electrochemical energy storage cell production, energy storage cell production, battery pack production, energy storage system design and turnkey solution activities using lithium ion and other advanced technologies.
- Plan-S Satellite and Space Technologies, 25% of which is controlled by Kontrolmatik, was established which is planned to develop satellite technology, produce satellites and provide related services.
- Kontrolmatik Libya branch was opened.
- It has been decided to establish a company for the realization of all kinds of work and transactions necessary to carry out business development activities in the Russian Federation.
- It has been decided to advance the IoT (internet of things) platform, an interactive platform that can collect millions of data in a single center and perform real-time analysis through sensors and modules of its own production, and which is among the R&D investments of the company, under the brand Controlix.
- It was decided to establish a new company named Progresiva Enerji Yatırımları Ticaret Anonim Şirketi, which is planned to operate in the fields of innovative, sustainable alternative energy investments, energy storage and energy trading.
- A patent application has been filed for the system/machine developed by the R&D Department to mass-produce the floating platforms for solar power plants. In addition, a utility model application has been made for the entire floating system.
- A HAMLE application has been made for research, development and production of a collaborative robot arm.
- A HAMLE application has been made to increase its activities and solutions in the field of the Internet of Things.

## SOLUTION PARTNERS IN 28 COUNTRIES & 3 CONTINENTS

### 3 CONTINENTS

**28** COUNTRIES

**220+** EMPLOYEES

## GROUP STRUCTURE, SUBSIDIARIES, AFFILIATES, BRANCHES

## POWER ARISING FROM SUBSIDIARIES AND AFFILIATES

Continuing to work successfully with its experienced and trained teams, Kontrolmatik has successfully completed numerous projects in different sectors since 2008 and provided strategic solutions to its customers.

**Kontrolmatik provides solutions such as facility design, electrification, mechanical, instrumentation, and control systems.**

### Subsidiaries and Affiliates



### POMEGA

Established in 2008 as an engineering company in Istanbul, Kontrolmatik today develops value-added solutions in 28 countries with its experienced staff. The company has successfully completed numerous projects in different sectors to date.

Kontrolmatik, with its experienced and trained teams, provides strategic solutions such as facility design, electrification, mechanics, instrumentation, control systems, internet of things and construction works in the energy production, process industry, petroleum & natural gas, food & beverage, smart agriculture & fertilizer industry, transportation, energy transmission and distribution sectors.

#### Enerji Depolama Teknolojileri A.Ş.

Pomega Enerji Depolama Teknolojileri A.Ş. was established in 08.12.2021 as a 100% subsidiary for its activities in electro chemical energy storage cell manufacturing plant using lithium ion and other advanced technology, energy storage cell manufacturing, battery pack production, energy storage system design and turnkey solution As of the date 31.12.2021, it has no employees.

Preliminary work for the investment, which will take place in three phases in total, was completed in 2021, and work will begin with the groundbreaking ceremony at the beginning of 2022. Its first phase, 250 MWh annual capacity production is planned to be completed in 2022.

With the completion of other phases in 2023 and 2025, the factory, which will reach a capacity of 1,000 MWh, is planned to reach an estimated total investment amount of 180 million USD.

While grid-level energy storage facilities are the main target, private electric vehicles and construction equipment technologies, electric vehicle charging support systems, new technological applications, especially marine and commercial electric vehicles, energy storage solutions for industrial facilities, renewable energy applications, residential applications and block installations are considered as target markets.





as well as with wholesale, retail sales and import and export activities in accordance with the relevant legislation on the electricity market. The Company will operate in accordance with the provisions of other legislation related to the electricity market, including the Electricity Market Law and Electricity Market License Regulation in force.

**Progresiva will make investments not only at home but also abroad.**

## PROGRESIVA

### Progresiva Enerji Yatırımları Tic. A.Ş.

Progresiva Enerji Yatırımları Tic. A.Ş., a 100% subsidiary of Kontrolmatik Teknoloji, for the purpose of establishing and operating a separate electricity storage facility, with wholesale and retail sales activities in Turkey and abroad; It operates in the establishment of related facilities, the operation and rental of established facilities, and the trade of electrical energy. The company operates in trading in electrical energy and/or capacity

One of the first investments planned by the Company is the electricity storage facility with a connection of 250 MW and a capacity of 1000 MWh and the operation of this facility. It has been prepared for license application to the Energy Market Regulatory Authority (EMRA) in January 2022. Works will continue to obtain the license in 2022.

In this investment, lithium-ion battery technology was chosen, and it was decided to use lithium-ion batteries to be produced in Pomega Enerji Depolama Teknolojileri A.Ş., a subsidiary of the Company.

When the company starts its operations, it will contribute to the electricity supply security of the region and the national grid, and the system will be a first for the energy sector in Turkey. Progresiva, which will make investments not only at home but also abroad, plans investments that will add value and contribute to the region in many geographies. It will make a difference in the sector by reflecting the years of experience and competencies of Kontrolmatik Teknoloji on its investments here.



**Plan-S aims to put 30 communication satellites into service in 2024.**

## PLAN-S

### Plan-S Satellite and Space Technologies

The company was established on 06.07.2021 as a 25% subsidiary of Kontrolmatik Teknoloji, and it operates in spacecraft, spacecraft launch vehicles and mechanisms, as well as satellites, space rockets, orbital stations. And it will manufacture space shuttles.

Company has 4 employees as of 31.12.2021 The partnership will become operational In 2022 in the R&D building with a closed area of 4.500 m<sup>2</sup> and 300 people capacity in Bilkent Cyberpark In the later stages it is planned to put A 1,500 m<sup>2</sup> production and integration facility into operation.

## GROUP STRUCTURE, SUBSIDIARIES, AFFILIATES, BRANCHES

## INDUSTRY SPECIALIZED EXPERIENCE AND PERFECT SERVICES

Kontrolmatik provides services in the in power generation, process industry, petroleum & natural gas, food & beverage, smart agriculture & fertilizer, transportation, energy transmission and distribution industries.

**FC Kontrolmatik Toshkent LLC** was established in Uzbekistan in 2021 and is a 100% subsidiary of Kontrolmatik.



### FC KONTROLMATİK

#### **FC Kontrolmatik Toshkent LLC**

The company, established in Uzbekistan in 2021, is a 100% subsidiary of Kontrolmatik. The company was established for the purpose of providing all kinds of electrical and mechanical systems, equipment and control systems engineering, design, technological designs, R&D work, installation and services for industrial facilities, mining facilities, oil and gas facilities, transportation systems, smart buildings, power plants, transmission of electricity and gas-insulated required for distribution to substations, open switchgear substations.

Financial statements of the Company, which continues its activities as of 31.12.2021 are not included in the consolidation because it doesn't have monetary importance for consolidated financial tables and it does not generate significant cash flows.

### KONTROLMATİK CAMEROUN

#### **Kontrolmatik Cameroun Sarl**

It was established on 09.11.2021 as a 100% subsidiary in Cameroon. It is planned to operate in the fields of power generation, distribution, transmission, consultancy and electro-mechanical works, instrumentation, assembly, system engineering and commissioning, construction of all kinds of power plants and facilities for industry, internet of things. As of 31.12.2021, it has no employees.

## KONTROLMATİK LİBYA

### Kontrolmatik Libya Branch

It was opened to operate in construction, assembly, and installation of gas transfer and distribution networks using carbon steel pipes of different types and sizes and polyethylene, installation and maintenance of power generation facilities, including those connected to renewable energy, different types of low and high voltage substations, installation of power transmission cable networks and maintenance, thermal methods, osmosis and building desalination plants using renewable energy. As of 31.12.2021, it has no employees.

Title	Subject of Activity	Directly Partnership Interest (%)
Kontrolmatik Enerji ve Müh. A.Ş. ve Boyut Mak. San. Taş. Ltd. Şti. Business Partnership (S2-S3)	Project work	60.00
Kontrolmatik Enerji ve Müh. A.Ş. ve Boyut Mak. San. Taş. Ltd. Şti. Business Partnership (S4)	Project work	60.00
Kontrolmatik Enerji ve Müh. A.Ş. ve Boyut Mak. San. Taş. Ltd. Şti. Business Partnership (S5)	Project work	60.00
Kontrolmatik Enerji ve Müh. A.Ş. ve Boyut Mak. San. Taş. Ltd. Şti. Business Partnership (A1-A3)	Project work	60.00
Kontrolmatik Enerji ve Müh. A.Ş. ve Boyut Mak. San. Taş. Ltd. Şti. Business Partnership (KEPEZ)	Project work	60.00
Kontrolmatik Enerji ve Müh. A.Ş. ve Boyut Mak. San. Taş. Ltd. Şti. Business Partnership (BURSA)	Project work	60.00

### Kontrolmatik Enerji ve Müh. A.Ş. ve Boyut Mak. San. Taş. Ltd. Şti. Business Partnership (S2-S3):

It was established on 28.09.2018 with the tender received from TUBITAK with aim of carrying out the "Bursa Science Center Project S2-Space Stage and S3-Themed Exhibition and Exhibition Elements Installation and Assembly in the Orbit of the Earth" project. As of 31.12.2021, it has no employee.

### Kontrolmatik Enerji ve Müh. A.Ş. ve Boyut Mak. San. Taş. Ltd. Şti. Business Partnership (S4):

It was established on 28.09.2018 with the tender received from TUBITAK to carry out The project of "Bursa Science Center Project S4-Objects of Space". As of 31.12.2021, it has no employee.

### Kontrolmatik Enerji ve Müh. A.Ş. ve Boyut Mak. San. Taş. Ltd. Şti. Business Partnership (S5):

It was established on 17.10.2018 with the tender received from TUBİTAK with the aim of carrying out the project of "Bursa Science Center Project

S5-Space Observation Themed Exhibition and Exhibition Elements Installation and Assembly". As of 31.12.2021, it has no employee.

### Kontrolmatik Enerji ve Müh. A.Ş. ve Boyut Mak. San. Taş. Ltd. Şti. Business Partnership (A1-A3):

It was established on 03.01.2019 with the tender received from TUBİTAK with the aim of carrying out the project of "Bursa Science Center Project A1-Dream of Flight and Space Discovery and A3-Flight Path Themed Exhibitions and Exhibition Elements Installation and Assembly". As of 31.12.2021, it has no employee.

### Kontrolmatik Enerji ve Müh. A.Ş. ve Boyut Mak. San. Taş. Ltd. Şti. (Kepez):

It was established on 01.02.2019 with the tender received from TUBİTAK with the aim of carrying out the project of "48 Units of Science Themed Exhibitions and Exhibition Elements Installation and Assembly within the scope of Antalya Kepez Municipality Science Center Establishment". As of 31.12.2021, it has no employee.

### Kontrolmatik Enerji ve Müh. A.Ş. ve Boyut Mak. San. Taş. Ltd. Şti. Business Partnership (Bursa):

It was established on 30.04.2019 with the tender received from TUBİTAK to carry out the project of "Bursa Science Center Project Space Innovation Center Education Units 212 Component Installation and Assembly". As of 31.12.2021, it has no employee.

Affiliates By Equity Method Effective	Share %	Subject of Activity
Kontrolmatik Enerji ve Müh. A.Ş. ve Skysens Tek. A.Ş. Buss. Part. (IOT)	50.00	Project work
Kontrolmatik Enerji ve Müh. A.Ş. ve Skysens Tek. A.Ş. Buss. Part. (SAY)	50.00	Project work

### Kontrolmatik Enerji ve Müh. A.Ş. ve Boyut Mak. San. Taş. Ltd. Şti. Business Partnership. (IOT):

It was established on 04.09.2018 with the aim of carrying out the project of "Wireless Meter Reading System and IoT Infrastructure" in accordance with the contract signed with İGA Airports Construction Unincorporated Association. As of 31.12.2021, it has no employee (31.12.2020: No employee).

### Kontrolmatik Enerji ve Müh. A.Ş. ve Boyut Mak. San. Taş. Ltd. Şti. Business Partnership. (SAY):

It was established on 10.10.2018 and in accordance with the contract signed with İGA Airports Construction Unincorporated Association to carry out the service of "reading the information in the meters within the scope of the Wireless Meter Reading System, storing the data and transferring the given data to the relevant units of İGA". As of 31.12.2021, it has no employee (31.12.2020: No employee).

## GENERAL INFORMATION

# TURKEY'S LEADING ENGINEERING COMPANY

Kontrolmatik is an engineering, contracting and technology company that produces end-to-end digital solutions in the energy, oil, natural gas, industrial processes, heavy industry, agriculture, mining and transportation sectors.

**Kontrolmatik provides operational technology solutions to its customers and gathers all necessary services under one roof.**

Kontrolmatik, one of Turkey's leading engineering companies, is an engineering company, system integrator, technological product and solutions provider that provides value-added products and services to the energy and technology sectors.

Kontrolmatik was established in 2008 in Istanbul. Headquartered in Istanbul Esenler Koza Plaza, the Company provides services with its two factories, one of which is in operation in Ankara and the other under construction, and offices in many countries.

Kontrolmatik's main field of activity is to provide power plant subsidiaries, operational technologies, industrial software, control and security systems, communication, data processing, internet of things, power systems and turnkey solutions to power generation, transmission and distribution facilities, and industrial facilities such as petroleum & natural gas, transportation, food & beverage, mine, smart agriculture & fertilizer and other industrial facilities like cement, paper, iron-steel, chemistry. The company has successfully completed numerous projects in 28 countries with its experienced employees.

The company provides operational technology solutions to its customers; realizes integration projects and software of operational technology packages with information technologies; carries out all necessary engineering, procurement, construction, testing

and commissioning services under a single roof, starting from the basic design scopes to commissioning for all electrical, electromechanical, mechanical, construction and building works for protection, control, monitoring, software, communication infrastructures, cyber security needs.

Kontrolmatik develops technologies in line with its activities in this sector and markets, carries out large system integration projects by establishing long-term solution partnerships with leading international companies in the sector, and sells end-to-end and turn-key products, services and systems with its own designs, software, products and solutions.

Kontrolmatik following closely the trends in the world and the developments in technology, has expanded its fields of activity in the process. The company, which opened a software and internet of things department in 2016, has invested in industry 4.0, technology in industry and cyber security; starting from 2021, it has been working on mobile energy systems, satellite and in the fields of space Technologies.

Kontrolmatik, one of Turkey's leading companies in digitalization, prepares its customers for the digital age with communication, protection, industrial security, control systems, internet of things and software solutions created by the joint efforts of its own engineers and solution partners.

**20+ UNITS**

**MOBILE SUBSTATION  
AND E-HOUSE ORDER**



It also solves monitoring, control of processes and security needs under one roof. The company gathers data from the field in a single center through a software that itself developed, and it processes incoming data and make it available to customers through an online platform that itself developed.

In the energy Mobile Solutions facility with 4.000 m<sup>2</sup> closed area in Ankara Kahramankazan, the company produces portable power generation, transmission and distribution equipment such as mobile substation, e-house, energy storage systems, mobile hybrid power generation units. The company will produce iron phosphate battery cells and energy storage systems and state-of-the-art communication devices in its factory whose groundbreaking will be done at the beginning of 2022.

One of the subsidiaries of the Company, Plan-S Satellite and Space Technologies is preparing to send its own developed communication test satellites into orbit in 2022. With the project, which will be realized for the first time as a private sector initiative in Turkey, it is aimed that the satellites will form a broadcast network in Turkey and the surrounding region, process the sensor data that will be collected from various sectors and send them to the earth.

Having gained an important place in the international arena in a very short time, the Company is taking important steps in becoming a regional and global power. Entering the list of Top System Integrators from the 44<sup>th</sup> rank in 2019, the company ranked 37<sup>th</sup> in the list of the world's top system integrators published by CFE Media and Technology in 2020, and rose to the 28<sup>th</sup> rank in the same list in 2021.

The shares of the Company, of which 23.8% were provided to the public in 2020, are traded on the Borsa Istanbul Main Market.

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**Kontrolmatik,  
provides sustainable  
growth in global  
markets with its  
end-to-end digital  
solutions.**

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## ABOUT KONTROLMATİK

## PROJECT SPECIFIC TECHNOLOGY SOLUTIONS

As one of the world's top system integrators, Kontrolmatik can produce turnkey or project-specific solutions in areas such as engineering, procurement, installation, construction, testing, commissioning, operation and maintenance.

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**As one of the world's top system integrators, Kontrolmatik provides brand independent strategic solutions.**

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- Ability to work independently of brands as one of the world's top system integrators
- Specialization in "Operational Technology Solutions" with high profit margin in EPC projects
- Ability to use self-developed and proven software and solutions in projects and products
- Broad sectoral differentiation
- Ability to adapt quickly to customer needs in projects thanks to its flexible structure
- Ability to acquire, run and successfully complete jobs in more than 28 challenging geographies
- Qualified personnel and a bright future due to being an R&D center
- Over 85% foreign currency income & long foreign currency position as the debt profile is in TL
- Global management power due to the 73% share of international projects in total turnover
- Qualified and expert personnel
- Strong references created by completed major projects
- Long-term solution partnerships with leading companies in their fields such as GE, ABB, Siemens, Nazomi, OSI Soft on a global scale
- Ability to produce turnkey or project-specific solutions in areas such as engineering, procurement, installation, construction, testing, commissioning, operation and maintenance







GROWTH STRATEGY, QUALIFICATION AND CERTIFICATIONS,  
TRADEMARK REGISTRATION DOCUMENTS

## SUSTAINABLE GROWTH WITH NEW INVESTMENTS

Kontrolmatik acquires new capabilities and technologies through its R&D studies and investments, and demonstrates a rapid and sustainable growth by allocating a significant portion of its turnover to new technology investments.

With offices in different countries, Kontrolmatik can follow up projects locally.

Kontrolmatik, which has become a leading company in its sectors with its special engineering, contracting and technology solutions for projects, continues to grow by carrying these experiences abroad.

By making long-term business partnerships with the global players of the sector, Kontrolmatik increases its business quality and skills, makes its business sustainable and strengthens its corporate structure. In addition, it increases its awareness in the regions by following the projects and sectors locally, with its offices in different countries, and provides end-to-end value-added services and products by expanding its solutions specifically to the region with local institutions and organizations.

Some of the companies with which the Company has signed long-term solution cooperation/partnership agreements and created design business plans together are as follows:

**GE - General Electric:** Kontrolmatik is GE's solution partner in the design of air-insulated high-voltage equipment and protection, control and monitoring products required for substations and power generation and distribution facilities. The company is the sole partner of GE in Turkey in the field of air-isolated high voltage equipment. Thanks to its special agreement, it serves as a reseller in markets such as Turkey, Burkina Faso and Guinea.

**ABB:** ABB has been a solution partner with Kontrolmatik for more than 10 years. The design and product supply partnership continues with the generator excitation systems departments on a global scale, and with the drive department through the Turkey office.

**Fortinet:** It is an American multinational corporation headquartered Sunnyvale, California. Kontrolmatik has a partnership agreement with the Fortinet Turkey office for Cyber security equipment design and its software.

**Osisoft:-** Osisoft, LLC, is an application software manufacturer for real-time data management called PI system. Kontrolmatik's business partnership with Osisoft started in 2017.

**Cisco:** Cisco Systems, headquartered in San. Jose, California is an American multinational network technologies company. Kontrolmatik started its design and product development partnership with Cisco IOT products and systems in 2017.

**Commvault:** Commvault software, is an enterprise-grade data platform with modules for backing up, restoring, archiving, duplicating and searching data. Kontrolmatik started its partnership with Commvault Turkey in 2019.

**IXSEP:-** IONEX Separations, was established to provide cost-effective and efficient separation technology to process industries using the IXSEP-RDA system, a revolutionary 3<sup>rd</sup> generation continuous countercurrent adsorption separation device. The design and product development agreements that started with Kontrolmatik for the Turkish market were signed first in 2015.

**Espindesa:** The company designs and manufactures know-how and technologies for fertilizers, nitric acid and ammonium nitrate, as well as developing and licensing environmental control for emissions. Design, product development and design specific supply partnerships with Kontrolmatik for the Turkish market started in 2019.

### Growth Strategy

#### *In Existing Markets and Industries*

- Trying to increase customer satisfaction in order to be permanent in the geographies where it does business: By strengthening its corporate structure, the company accelerates its return to customers, increases effectiveness and promotion for customers in existing markets, analyzes market-specific technical and commercial conditions and keeps itself up-to-date. In this way, it is aimed to increase the number of projects and customers in the geographies where it does business, and turnover of projects in terms of profit.
- To increase the number and effectiveness of partners with whom it can work in the sectors in which it operates
- To follow new technologies in the sectors in which it does business and to try to increase the technology density
- Increasing the quality of products and services, reducing the cost of quality service by analyzing the needs of customers and completed projects
- Adding new markets and geographies for operating industries
- Adding new sectors in the geographies served

#### *In New Markets and Industries*

- Adding new capabilities and technologies through R&D studies and investments
- Turning Engineering Know-How into technology
- Financing technology investments with income from EPC
- Diversifying financing sources with public providing, strategic and financial partners
- Investing in high-tech project and product production
- Making innovative technology investments through subsidiaries
- To grow with R&D studies in the internet of things market

#### Qualifications and Certifications, Trademark Registration Certificates

Document Type	Document Release Date	Date of Expiration
ISO 3834-2 Welded Manufacturing Competence	09.06.2021	08.06.2022
ISO 9001-Quality Management	26.06.2021	25.06.2022
ISO 14001-Environmental Management	26.06.2021	25.06.2022
ISO 27001-Information Security Management System	10.01.2022	12.01.2023
ISO 45001-Occupational Health and Safety Management	26.06.2021	25.06.2022



## CAPITAL AND SHAREHOLDERS STRUCTURE



The public providing application of Kontrolmatik was approved by the Capital Markets Board on 24.09.2020.

The registered equity ceiling of the Company is 150.000.000 TL, its paid-in capital is 38,062,500 TL. The company switched to the registered capital system at the General Assembly meeting dated 21.05.2020 and consisted of 30.000.000 shares with a capital of 1 TL each. Public providing application of the company was approved by the Capital Markets Board on 24.09.2020 and it started to be traded in Borsa Istanbul on 19.10.2020. The paid-in capital, which was 30.000.000 TL before the public providing, was made by restricting the pre-emptive rights of the existing partners, and after the public providing, the capital increased to 36.250.000 TL, and the shares held ready for sale. With the sale of the company, the total capital of the company reached 38,062,500 TL in return for 38,062,500 shares with a nominal value of 1 TL. The Company does not have any preferred shares.

Partner Name- Last Name	In Capital Share (TL)	In Capital Share (%)	Voting Rate (%)
Sami Aslanhan	14.500.000	38,1	38,1
Ömer Ünsalan	14.500.000	38,1	38,1
Other	9.062.500	23,8	23,8
<b>Total</b>	<b>38.062.500</b>	<b>100</b>	<b>100</b>

**Preferred Shares**  
No Preferred Shares



## BOARD OF DIRECTORS AND ORGANIZATIONAL STRUCTURE

### Board of Directors

Members of the Board of Directors were elected to serve for one (1) year at the 2020 Shareholders' Ordinary General Assembly Meeting on 03 June 2021, the aforementioned decisions were registered on 10 June 2021 and announced in the Trade Registry Gazette numbered 10346.



#### **Sami Aslanhan**

##### ***Chairman of the Board***

Born in 1982 in Pütürge/Malatya, Sami Aslanhan graduated from Marmara University Electronics and Communications Teaching Department in 2007 with a Bachelor's degree. He attended the MBA Essentials program at the London School of Economics in 2017, and had to leave the program due to his workload. He worked in corporate companies such as Mercedes Benz Türk, TEAK, Formel and REED. Between 2000-2007, he worked as Project Engineer and Project Manager in electricity, etc. industries and projects such as power plants, refineries, natural gas pipelines, smart cities, both in Turkey and abroad. He has studies in algorithm development, embedded systems, power systems engineering and fuel cells. In 2008, he laid the foundations of Kontrolmatik Teknoloji Enerji ve Mühendislik A.Ş. and became one of the founding partners. He has been serving as the Chairman of the Board of Directors since 2008.



#### **Ömer Ünsalan**

##### ***Board Member***

Born in 1981 in Pütürge/Malatya, Ömer Ünsalan completed his high school education in Istanbul. Between 1999 and 2007, he worked in the sales department of Ün Yapı, which is a family company. In line with the experience he gained, he headed the sales and business development department and stepped into his managerial career. In 2008, he became one of the founding partners of the office and panel manufacturing workshop by laying the foundations of Kontrolmatik Teknoloji Enerji ve Mühendislik A.Ş. in order to realize his ideals. He is responsible for interdisciplinary coordination and internal audit activities at Kontrolmatik Teknoloji Enerji ve Mühendislik A.Ş. He pioneered the integration of the ERP system, which has an important place in the development of the company. It provides budget planning, budget control, financial disciplines and making and auditing projections for the next years.



#### **Murat Özvardar**

##### ***Board Member***

Murat Özvardar was born in 1965 in Ankara. After completing his primary-middle-high school education at Private Yükseliş College, he continued his business administration education in the USA. After returning to Turkey, he headed his family companies operating in industrial technologies, white goods, construction, automotive, defense industry and energy sectors.

## BOARD OF DIRECTORS AND ORGANIZATIONAL STRUCTURE



**Prof. Dr. B. Koray Tunçalp**  
*Independent Member of the Board of Directors*

He graduated from Marmara University Electrical Teaching Program in 1984 and from Gabrovo Technical University, Power Engineering and Electrical Systems Department in 2014. He completed his doctorate in Electrical Education in 1999. Between 1985 and 2014, he worked at Marmara University, Faculty of Technical Education, which was later called the Faculty of Technology. He worked as Assistant Dean of the Faculty, Electricity and Mechatronics Education Department Heads. He worked in the fields of electricity, mechatronics, robotics and vibration at Purdue and Indiana Universities in the USA, Kaunas Technical University in Lithuania, the Panevezys Mechatronics Center, Bruel in Denmark & the Kjaer Acoustic Company Training Center. Tunçalp, who has been working at Haliç University since 2015, is still the Director of Vocational School. In addition,

Deputy Director of the Graduate School of Natural and Applied Sciences, He also served as the Head of the Department of Electrical and Electronics Engineering. Tunçalp, who has 1 book, 1 international 3<sup>rd</sup> article award, has given 38 different associate, undergraduate and postgraduate courses and supervised 4 doctorate and 17 master's theses. He worked as an executive, coordinator and researcher in 8 international and national projects and gave lectures at Bahçeşehir University Vocational School. Between 2003 and 2013, he published journals called Technological Education and Vocational Education. Tunçalp gave short-term lectures in the Erasmus Academic Exchange Program at Linneaus University in Sweden in 2018 and has 66 international and national articles and papers. His areas of expertise are instrumentation, smart grids, mechatronic systems, electrical energy measurement, vocational and technical education.



**Bikem Kanık**  
*Independent Member of the Board of Directors*

In her career of more than 25 years, she has gained experience in many different fields as an economist and finance professional. After graduating from Galatasaray High School, she completed her undergraduate education at Istanbul University, Faculty of Economics, Department of Economics, and her MBA in finance at San Diego National University. She completed her undergraduate education in Sociology at Istanbul University in 2021. She started her career in banking and worked in the fields of Treasury and Corporate Finance. In her nearly 12-year investment banking career, she has specialized in financial structuring, mergers and venture capital. She worked as Product Development and Business Development Director in International Risk Management consultancy companies.

She has had the opportunity to experience both sides of the business world with her Board of Directors, Executive Boards and Supervisory Board Memberships. Kanık is a Member of the Executive Board at Orbit Consulting, which provides sustainability consultancy services for the textile industry, and the Deputy Chairman of Galatasaray Sportif A.Ş.







## BOARD OF DIRECTORS, ORGANIZATIONAL STRUCTURE AND SENIOR STAFF

### INDEPENDENCE STATEMENTS OF INDEPENDENT MEMBER OF THE BOARD OF DIRECTORS

#### TO THE BOARD OF DIRECTORS OF KONTROLMATİK TEKNOLOJİ ENERJİ VE MÜHENDİSLİK ANONİM ŞİRKETİ

##### Dclaration of Independence

I am a candidate to serve as an independent member of the board of directors of Kontrolmatik Teknoloji Enerji ve Mühendislik Anonim Şirketi ("Company"), and in order to be elected as an independent member of the board of directors, pursuant to the corporate governance principle No 4.3.6 included in the annex of the Corporate Governance Communiqué numbered II-17.1 of the Capital Markets Board, I accept, declare and undertake that

- a) There is no employment relationship in a managerial position that would assume important duties and responsibilities in the last five years between the Company, the partnerships in which the Company has management control or significant influence, the partners holding the management control of the Company or having significant influence on the Company, and the legal entities over which these partners have management control, and myself, my spouse and my blood relatives and relative by marriage up to the second degree, that more than 5% of the capital or voting rights or privileged shares are not owned jointly or individually, or that no significant commercial relationship has been established,
- b) I am not a partner (5% and above), a manager who will assume important duties and responsibilities, or a member of the board of directors at companies that the Company has purchased or sold significant services or products, at times when services and products are purchased or sold, within the framework of agreements made, primarily the Company's audit (including tax audit, legal audit, internal audit), rating and consultancy, in the last five years
- c) I have the professional education, knowledge and experience to properly fulfill the duties I will undertake as an independent member of the board of directors,
- c) I will not work full-time in public institutions and organizations after being elected as a member, except as a university lecturer,
- d) I am deemed to be a resident of Turkey according to the Income Tax Law (G.V.K.) dated 31/12/1960 and numbered 193,
- e) I have strong ethical standards, professional reputation and experience that can contribute positively to the company's activities, maintain my impartiality in conflicts of interest between the Company and the shareholders, and decide freely by taking into account the rights of the stakeholders,
- f) I can spare enough time for the Company's business to follow the operation of the Company's activities and fully fulfill the requirements of the duties I have undertaken,
- g) I have not been a member of the board of directors of the company for more than six years in the last ten years,
- ğ) I do not act as an independent member of the board of directors in more than three of the companies in which the Company or the shareholders holding the management control of the Company, and in more than five of the publicly-traded companies in total,
- h) I have not been registered and announced on behalf of the legal entity elected as a member of the Board of Directors.

I submit it to the information of the Company's Board of Directors, shareholders and all relevant persons, institutions and organizations.

Best regards,

**Burhanettin Koray Tunçalp**

**TO THE BOARD OF DIRECTORS OF  
KONTROLMATİK TEKNOLOJİ ENERJİ VE MÜHENDİSLİK ANONİM ŞİRKETİ**

**Dedclaration of Independence**

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- b) I am not a partner (5% and above), a manager who will assume important duties and responsibilities, or a member of the board of directors at companies that the Company has purchased or sold significant services or products, at times when services and products are purchased or sold, within the framework of agreements made, primarily the Company's audit (including tax audit, legal audit, internal audit), rating and consultancy, in the last five years
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- ğ) I do not act as an independent member of the board of directors in more than three of the companies in which the Company or the shareholders holding the management control of the Company, and in more than five of the publicly-traded companies in total,
- h) I have not been registered and announced on behalf of the legal entity elected as a member of the Board of Directors.

I submit it to the information of the Company's Board of Directors, shareholders and all relevant persons, institutions and organizations.

Best regards,

**Bikem Kanik**

## BOARD OF DIRECTORS AND ORGANIZATIONAL STRUCTURE

# STRONG STAFF, EFFECTIVE EMPLOYEES

Continuing to operate successfully in challenging geographies, Kontrolmatik owes its success to its organizational structure, which is built on solid foundations.

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**Kontrolmatik provides end-to-end digital solutions in the sectors it works with its experienced and systematic project management team.**

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## ORGANIZATIONAL STRUCTURE

Kontrolmatik successfully continues its activities in challenging geographies with its strong engineer staff and active employees. It owes this success to the successful organizational structure it has established. The Company is managed under three main headings as Operations, Administrative and Financial Affairs and Production Facilities reporting to the Board of Directors and the General Manager;

### Technical Departments Software and Control Systems:

With its expert software engineers, engineers and technical staff, Kontrolmatik provides turnkey control systems and end-to-end operational technology package services and solutions for industries and infrastructures. Thanks to its experienced staff, it carries out brand-independent integration projects especially for industrial control systems, and thanks to its software team, it provides package solutions for the needs of industries and processes.

**Engineering:** Kontrolmatik, as also one of the leading engineering companies in Turkey, continues to successfully complete many engineering-based projects at home and abroad with its energetic, experienced and dynamic staff. Depending on today's technology conditions, Kontrolmatik continuously improving its range of products and systems, provides value-added solutions to projects with its multi-disciplinary engineering staff.

### Communication and Information Security:

Kontrolmatik, which follows the changing technology in its most up-to-date form and is one of the leading companies in its sector in many fields, provides state-of-the-art products and services to its customers through its communication team. It establishes the industrial communication infrastructures of the projects on a turnkey basis and develops software and products that provide the control and security of industrial networks.

**Power systems:** It is the department that provides detailed engineering, modeling and simulation services, starting from basic design and engineering to electricity and energy infrastructure projects of power plants, industrial facilities, transportation systems. In addition, all testing and commissioning services for power systems infrastructures, including protection, control systems, electrical distribution systems, engine control systems and developing as domestic products and energizing in the field, are carried out within this department.

**Turnkey Projects:** With its experienced and systematic project management team, Kontrolmatik provides turnkey project management and contracting services for the industries it works with. It has a strong organizational structure with its project managers, site supervisors, project engineers, quality management, occupational health and safety management,





field installation and field services in accordance with the project requirements. and the department provides proactive solutions in line with the latest technology with the project management and planning software it uses. Quality and Occupational Health and Safety: In addition to the requirements of the quality certificates it holds, Kontrolmatik adopts 100% customer satisfaction, sustainable development, and occupational health and safety procedures in its daily work, and monitors individuals and departments through this department, ensuring that it always has better processes.

#### **Purchasing and Warehouse**

**Management:** A strong and centralized Purchasing and Warehouse Management department supports activities in 28 countries. Its expert staff manages and reports its processes through the ERP system. With timely orders and systematic warehouse management, projects

are managed smoothly, and competitiveness is increased by recruiting newly approved suppliers to the Company.

#### **Foreign Trade and Logistics:**

While the ability of the Company to do business in different geographies is constantly increased, its organizational structure has been constantly improved and adaptation to new regions has been achieved. With its experienced staff, it can ship materials to many countries and can make smooth deliveries by learning the systems specific to each country.

#### **Administrative and Financial Departments Finance:**

Kontrolmatik is strong and manages its organized financial structure with its experienced and professional team. It is the department that manages relations with all financial institutions, banks, finance departments of customers and suppliers and carries out financial execution.

**Accounting:** Kontrolmatik provides services in different sectors in different geographies with its wide service and solution network. In order to make this wide range structured and organized, it has established an effective, flexible and professional accounting system. It is the department that carries out all the accounting processes of projects, from business partnerships it has established to government institutions it works with, from the private sector in the country to its customers abroad.

#### **Internal Audit and Administrative**

**Affairs:** With the help of many software and programs such as ERP, Agent, CRM, Business process analysis, Kontrolmatik established an internal control mechanism based on a professional, up-to-date technology in order to ensure that all processes are SUSTAINABILITY

## BOARD OF DIRECTORS AND ORGANIZATIONAL STRUCTURE

## STRONG AND BINDING TEAM CULTURE

Aware of the success of the company is directly proportional to the happiness of the employees, and providing a pleasant work environment to its employees, Kontrolmatik continues on its way with teams that trust each other in every sense.

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**Kontrolmatik uses its own Controlix sensors and software in the internet of things segment.**

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APPROACH and traceable, to provide effective use of processes, resources and personnel, and to reduce possible financial and project risks.

**Human Resources:** Kontrolmatik, creates a working environment where our employees enjoy working every day and our customers want to work with us. The success of the Company depends on people feeling themselves as part of a team that they can trust the people around them. The company encourages employees to perform better and seek opportunities to move their business forward. The management of all these processes and the follow-up and feedback of the development of human resources constitute the activity of the human resources department.

**Investor Relations:** Kontrolmatik a publicly-traded company on the Borsa Istanbul, provides a transparent management by ensuring that the correspondence between the Investor Relations department and the Investors and the partnership as well as other information and documents are kept in a healthy, secure and up-to-date manner.

### **Sustainability and Environment:**

Environment-friendly products that the Company currently produces and undertakes to design in the future, technological products that enable sustainable monitoring, measurement and control, and applications and developments of systems that provide solutions for sustainable production will be gathered under this department. Kontrolmatik, while cooperating with its customers and stakeholders with responsible business ethics, is committed to increasing the value, benefit and respect it gives to people, society, employees and the plane through its 360° sustainability approach and transparent sustainability communication.

### **Production Facilities**

It has separate teams that manage the production facilities in order to ensure that two production facilities, one of which is active and the other under construction, produce at international standards, to renew their processes to meet the ever-evolving sector needs, and to achieve 100% customer satisfaction in every project. With its fully integrated processes, Kontrolmatik delivers its solutions to many geographies.

### **Departments under the General Manager**

#### **Internet of Things (IoT):**

Kontrolmatik, which strengthens and develops its organization in order to meet the constantly and rapidly advancing sector needs and contribute to its development,



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## Kontrolmatik's R&D department is supported by 3% of the Company's annual turnover.

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uses its own sensors and software in the concept of the Internet of Things; data collection, backup, data analysis, and optimization projects are carried out using both the products and solutions developed by itself and the products of its international partners.

**R&D:** In-house R&D department works on many subjects such as lithium-ion battery, internet of things, floating platform for solar power plants, collaborative robot arm, and after the R&D process is completed, products and solutions are branded and released to the market. The department, which is supported by 3% of its annual turnover, has undergraduate, graduate, doctoral students and graduates.

**Business Development, Sales and Marketing:** It is the department that is responsible for all marketing, provides and tenders within Kontrolmatik ensuring that a wide range of products and services and superior quality meet with its customers in 28 different countries and numerous different sectors, increasing the brand value of the company. Developing special solutions for projects with expert proposal teams and providing them to its customers with sales teams, Kontrolmatik provides the most appropriate service to the needs of investors.





## BOARD OF DIRECTORS AND ORGANIZATIONAL STRUCTURE

### MANAGERS



**Osman Şahin Köşker**  
*General manager*

He graduated from the Middle East Technical University, Department of Electrical and Electronics Engineering in 2011. He continued his education in Istanbul Technical University Electrical Engineering Master's Program (with Thesis) and Business Administration Master's Program (without Thesis) of the same university. After his long-term internships in the Porcelain and Sanitaryware factories of the Güral Porselen group of companies, he started to work at Kontrolmatik in 2011. He worked as a field engineer and project manager in the Control Systems and Power Systems departments, respectively, and worked in the sales department as Business Development Engineer in 2014 and Energy Department Manager in 2015. In 2016, he started to work as Assistant General Manager responsible for both operations and sales. Osman Şahin Köşker, who has been working as the General Manager of Kontrolmatik since March 2020, speaks English and French.



**Handan Büyükkardeş**  
*Deputy General Manager-  
Financial and Administrative  
Affairs*

She was born in 1978 in Ankara and graduated from Middle East Technical University (METU), Department of Economics in 2001 with a bachelor's degree. She started to work at Akbank TAŞ in MT Office, then she audited the company KPMG for 3 years. She worked at Aksa Group, Koç Group and various renewable energy companies including energy, natural gas, coal and lead projects in the hospital, finance industries as well as in fundraising with domestic and foreign banks. She has held CFO, Finance and Accounting offices of Turkey's leading Companies, and provided consultancy about establishment of financial and accounting infrastructure, financial discipline and Holding structuring. Handan Büyükkardeş, Certified Public Accountant and Financial, is married with 2 children. Currently, she continues at the London School of Economics MBA Essentials program and at Kontrolmatik she is Responsible for Financial and Administrative Affairs in the office of Deputy General Manager.



**Necmettin Şahin**  
**Deputy General Manager –**  
**Operation**

He was born in 1984 and graduated from Amasya. Kocaeli Anatolian Technical High School- the Department of Electricity, then Kocaeli Vocational School-Electrical Department, and then Varna Technical University, Department of Electrical-Electronics Engineering. Before joining the Kontrolmatik family, he worked at various levels in Turkey's leading energy companies and undertook the field and project management of projects in Turkey, the Middle East and the Turkic Republics. During his career at Kontrolmatik, he has focused especially on power generation, transmission, distribution, infrastructure and mining facilities projects and has been mainly responsible for all activities from the management of these projects to the commissioning. Up to the present, he has taken part in the management and coordination of projects in Iraq, Nigeria, Afghanistan, Burkina Faso, Malawi, Gabon, Senegal, Uzbekistan, Russia and many other countries. Necmettin Şahin is the Deputy General Manager of Operations at Kontrolmatik. He is married with two children. He currently continues his business administration undergraduate education.



**Mehmet Ekrem Mihci**  
**Deputy General Manager –**  
**Production Facilities**

He was born in Çorum in 1979. He completed his higher education at the University 19 Mayıs University, the Department of Electrical-Electronics Engineering, and graduated in 2002. He serviced in various positions in large-scale national companies that provides services and products for Power Generation, Transmission and distribution. He also worked as Sales Specialist, Project Manager, Fault- Repair-Maintenance Coordinator and Projects Production Coordinator In Turkey's leading energy companies. Since 2019, he continues his work at Kontrolmatik as Deputy General Manager responsible for energy Control and Production Facilities. He is also responsible for managing investment processes, including planning according to projections with production facilities, budgeting, purchasing, implementation and operation.

## BOARD OF DIRECTORS AND ORGANIZATIONAL STRUCTURE

**Kontrolmatik continues its successful progress with the aim of maintaining long-term relations with investors.**

### SHARE PERFORMANCE AND INVESTOR RELATIONS

Maintaining long-term relationships with investors and providing accurate and up-to-date information are among the primary goals of Kontrolmatik. In the Company, this task is carried out by the Investor Relations Unit. In line with Article 11-(5) of the Investor Relations section of the Corporate Governance Communiqué (II-17.1) Chapter Four, under the heading Other Obligations, the main duties of the Investor Relations Department are as follows:

- To ensure that the correspondence between the investors and the Association and the records of other information and documents are kept in a healthy, secure and up-to-date manner.
- Answering the written information requests of the shareholders of the Association regarding the Association.
- To prepare the documents to be submitted for the information and examination of the shareholders regarding the General Assembly meeting and to take measures to ensure that the General Assembly meeting is held in accordance with the relevant legislation, Articles of Association and other in-house regulations.
- To oversee and monitor the fulfillment of the obligations arising from the capital market legislation, including all matters related to corporate governance and public disclosure.

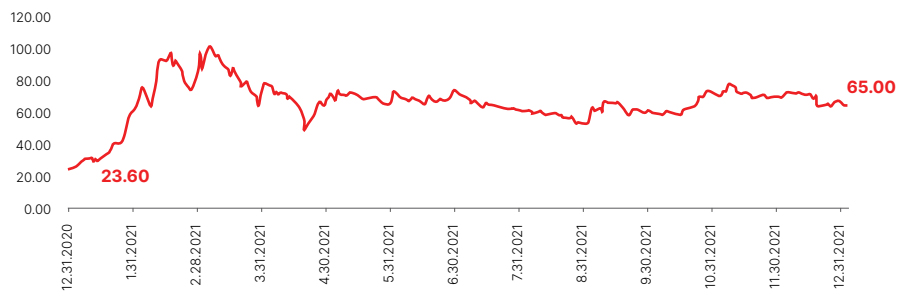
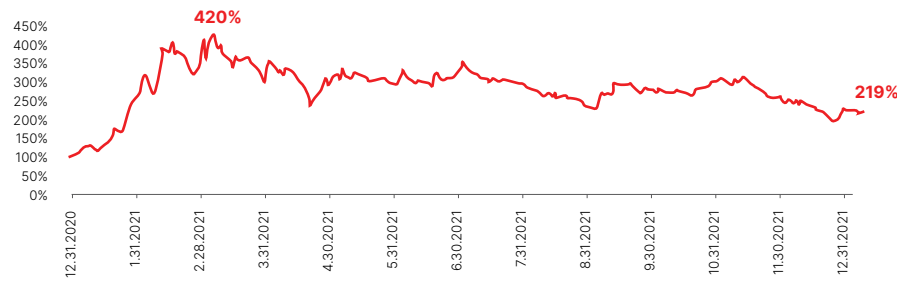
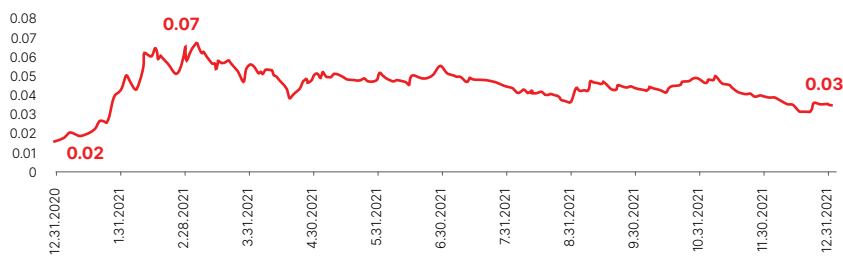
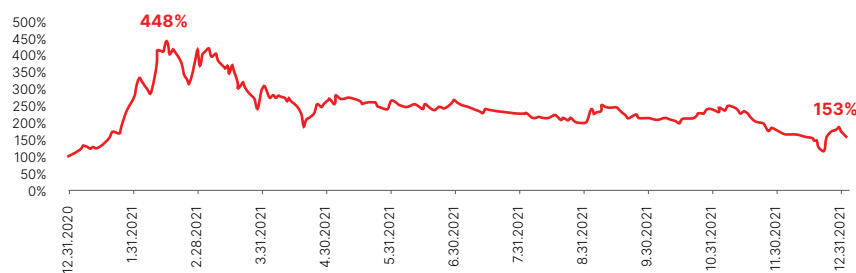
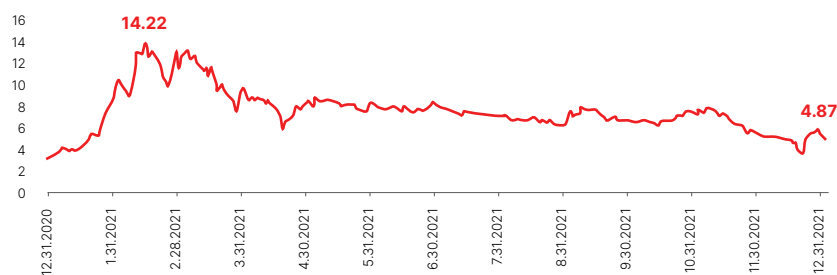
Kontrolmatik Investor Relations Unit, in addition to the duties mentioned above, has conveyed the investor Presentations prepared quarterly to intermediary institutions, portfolio management companies and other investors who request and/or benefit from sharing, to financial institutions, and explained them face-to-face and/or digitally; it has organized meetings to give information about the Company, established relations with regulatory agencies and executed communication.

The Company's Investor Relations Manager is Metin Demir (yatirimci.iliskileri@kontrolmatik.com, +90 212 659 24 41)

#### Share Performance in 2021

IPO Date	19.10.2020
Paid-in Capital	38.062.500
Traded Market	Main Market
Number of Shares in Actual Circulation	9.062.500
Public Offering Price (TL)	6,9
Highest Price in the Year (TL)	108,33
31.12.2021 Closing Price (TL)	65
Market Value (TL) (as of 31.12.2021)	2.474.062.500



**KONTR Closing, TL****KONTR/BİST100 (31.12.2020=%100)****KONTR/BİST100****KONTR/USD (31.12.2020=%100)****KONTR/USD**

## KONTROLMATİK'S JOURNEY FROM PAST TO PRESENT

# GROWING SUCCESSFUL PROGRESS FOR 14 YEARS

Kontrolmatik, which was established exactly 14 years ago, provides service in 28 different countries today and continues on its way by raising its success graph.

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**The first turnkey contract, Eti Mining Kirka Compressor Station project, was received in 2014.**

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**2007**

- The foundations of Kontrolmatik were laid in 2007.

**2008**

- The first project of Kontrolmatik, executed in January 2008, was the Building Control Systems and Weak Current System project for the Microsoft Headquarters Building.
- Kontrolmatik successfully completed the Azerbaijan Zagalata Airport Building Control Systems Works project, which was its first overseas project in its first year. Following this project, other projects abroad such as Libya and Azerbaijan continued.

**2010**

- A business partnership agreement was signed with ABB one of the leading electricity companies in the sector, both in Turkey and globally.

**2011**

- Kontrolmatik decided to expand its fields of activity and started to work in the energy sector as well as building technologies and transportation sectors.
- The first project in the energy sector was the supply of control systems to four different gas power plants on behalf of Zorlu Energy. Later, the power plant and high voltage substation works in Iraq, the first work abroad in this sector, was completed.

**2012**

- Kontrolmatik, which increased its activities in power plant and high voltage substation projects, completed many projects in countries such as Iraq, Turkmenistan, Saudi Arabia, Afghanistan and Jordan.
- Agreements were signed for the Beles sugar factory work in Ethiopia, the first project in Africa. Following this project, solutions were also provided in the Omo Kuraz sugar factory project; pioneered by supporting the state institution to establish a domestic panel factory.

**2013**

- Kontrolmatik, which increased its activities in the energy and transportation sector, successfully fulfilled its responsibilities in various projects such as tunnel electromechanical projects in Ankara and Istanbul, and power plants in Zonguldak and Siirt.

**2014**

- Eti Mining Kirka Compressor Station project, the first turnkey contract, was signed. This project is the first work that Kontrolmatik has completed in all its scopes, including construction, mechanical, electrical and Control Systems.
- Pristina Airport energy monitoring system was successfully completed on behalf of Limak Construction, the first project in Europe.

**2015**

- Kontrolmatik successfully completed the energy management system project for İkitelli Industrial Zone, Turkey's largest organized industrial zone. This project became one of Turkey's largest private distribution networks and one of the largest energy management system projects.

**2016**

- Kontrolmatik undertook all E-BOP and 220 kV switchyard scopes of 3 × 175 MW and 2 × 175 2 power plants in Africa and signed the contract with the highest amount until that date.
- The company opened a software and internet of things department and started investing in industry 4.0 and cyber security, which are current trends.

**2017**

- To meet the increasing EPC project demands, Kontrolmatik changed its corporate organizational structure. The systematic solution approach was strengthened by dividing the company into six divisions: turnkey projects, engineering, testing and commissioning, control systems, communication systems, software and the internet of things.

**2018**

- Kontrolmatik involved in the Istanbul Third Airport (IGA) project, one of the country's most prestigious projects in the fields of software & internet of things, and realized one of Turkey's largest ever internet of things projects with its Lorawan meter monitoring system.
- Kontrolmatik, signed a EPC contract with the Iraqi Ministry of Electricity (MEB), within the scope of the reconstruction of Iraq, 4 units of 132 kV GIS in Mosul & AIS substation. The project became the largest EPC substation contract signed by a Turkish company with MEB in Iraq in recent years.

**2019**

- Kontrolmatik signed partnership agreements with General Electric in the field of control systems, Nozomi Networks and Fortinet in the field of cyber security, PSI in the field of production management system and OSISoft in the field of data management system, and increased its activities not only in Turkey but also in other countries.

**2020**

- Kontrolmatik was selected as the world's 37<sup>th</sup> top system integrator in the list published in CFE Media & Technology's Global System Integrator Database
- Kontrolmatik undertook 110 kV substation work under AKSA Enerji Üretim A.Ş.'s natural gas power plant project in Tashkent, Uzbekistan and continued to pioneer in Turkic republics.
- Kontrolmatik started to be traded on the Istanbul Stock Exchange in October. The company continued its sectoral success in this expansion by collecting 26.3 times the demand.

**2021**

- By opening new local offices in Cameroon, Russia, Libya and Uzbekistan, the number of countries in which it operates was increased and its field of activity was expanded.
- The Mobile Solutions Factory in Ankara Kahramankazan became operational.
- Kontrolmatik achieved a new success by moving its place to 28<sup>th</sup> place in the list of the world's top system integrators published by CFE Media and Technology.
- Three Internet of Things test satellites developed by Plan-S, a subsidiary of Kontrolmatik, will be launched in 2022. An agreement was signed for sending X Falcon 9 rockets into orbit.







MESSAGE FROM THE CHAIRMAN

## **WE ARE TAKING FIRM STEPS TOWARDS BECOMING ONE OF THE WORLD'S LEADING TECHNOLOGY COMPANIES**

For a sustainable future, we continue to provide “End-To-End Digital Solutions” by increasing our solutions on renewable energy sources and smart city technologies.

Dear stakeholders,

The world economy, which experienced a serious crisis in 2020 due to the Covid 19 pandemic, took a sigh of relief in 2021 and started to recover.

With the easing of the measures of the pandemic period, the return of daily and economic life to normal, the support and incentive packages and expansion policies implemented by the states increased the demand and enabled the economies to catch a growth trend.

As we enter the year 2022, the pandemic that continues to spread with new variants, increasing inflation all over the world and problems in supply chains, and the rise in energy and food prices have created a fragility in the world economies. However, economic growth is expected to continue, albeit at a slower pace.

Turkey, one of the rare countries that managed to grow despite the pandemic in 2020, displayed a strong growth performance in 2021 as well. According to TUIK data, the Turkish economy managed to close the year with a high growth rate of 11%. The devaluation effect of the Turkish lira made exports the driving force of growth and increased by 32.85% compared to the previous year, reaching 225 billion USD.

#### **This success is not accidental**

In 2021, when the economy revived, Kontrolmatik made a great leap forward and displayed a rapid growth, closing the year with a very serious growth at the level of 204%.

Of course, this success is not accidental. The secret of Kontrolmatik's firm steps towards becoming one of the world's leading technology companies is its strategies that have been successfully implemented by its experienced staff.

As we started our journey, we said, "We have a story". We aimed to combine the added value of engineering, and the engineering mission with our projects and high technology. At this point, we provide engineering, contracting and technology solutions from engineering to turnkey installation, from automation to industrial security solutions, from IoT to big data analysis, from software development to monitoring-control systems, with the aim of becoming the leading company of the industry worldwide.

#### **Two thirds of the projects are abroad**

The company has a strong financial structure as it realizes two thirds of its projects abroad and generates 85% of its revenues in foreign currency. Its experience in the international arena and its technological superiority have enabled Kontrolmatik to achieve stable growth by undertaking profitable and large projects.

Our transformation of our profitability into new investments sets an important example in terms of financial discipline. While our new investments encourage our growth, our growth supports our profitability. As a company, we always keep our goals high and continue to increase our strength in the sector day by day.

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**%204**  
TURNOVER GROWTH

**165.4**  
MILLION TL  
GROSS PROFIT

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R&D studies will be the main power that will carry Kontrolmatik into the future. Aiming to allocate at least 3% of its turnover to R&D, the Company carries out revolutionary studies in areas that will determine our future, such as energy storage solutions, internet of things, robotic technologies and renewable energy.

In 2021, a patent application was made for the system/machine developed by the R&D Department for the mass production of the "Floating Platforms for Solar Power Plants" and a utility model application was made for the entire floating system, and a HAMLE application was made for robotic systems and the Internet of Things. Kontrolmatik, which will continue to increase its R&D investments, aims to increase the number of R&D Center employees in the coming years, and to increase the rate of post graduate employees with this increase.

## MESSAGE FROM THE CHAIRMAN

## WE HAVE ACHIEVED PROUD SUCCESSES WITH HIGH GROWTH RATE

We have achieved proud successes with the breakthroughs we have made and the high growth rate. Kontrolmatik shares closed the year 2021 at 65 TL.

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**Kontrolmatik aims to be a preferable company for its employees and to make employees want to be a part of the growth and development process of the Company.**

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The company has achieved proud successes with its breakthroughs and high growth rate. Kontrolmatik shares, which attracted great interest during its public offering in 2020 and garnered 26 times the demand, displayed a sustainable rise in 2021. Kontrolmatik shares, which started trading on Borsa Istanbul with the gong ceremony on Monday, 19 October with the KONTR code, closed the year 2021, which started at 25.43 TL, with 65 TL.

### **Growing targets with a stronger staff**

Competing in the global arena in terms of technology and contributing to Turkey's economic and technological development by adopting scientificness as its mission, Kontrolmatik has not neglected to invest in itself while increasing its income. In the last year, the number of its employees increased by 82% and reached 226. Having 115 engineers on its staff, the Company has become even stronger with its growing engineering and R&D departments, as well as its central and field staff. Kontrolmatik aims to be a preferable company for employees, and to make employees want to be a part of the growth and development process.

### **Respect for people, society, and planet**

Kontrolmatik commits to increase the value, benefit and respect it gives to people, society, employees and the planet with its 360° sustainability approach and transparent sustainable communication, while collaborating with its customers and stakeholders with responsible business ethics.

Accordingly, the company established the Sustainability and Environment Department. This department will determine the environmental & social impact assessment, their governance, also the responsible and accountable traceability of all Kontrolmatik's production, services and business activities on our planet and people. Relatively, the follow-up of corporate communication transparently and effectively in the global market.



The Company's main contribution to sustainability is environmental products and services that reduce the environmental footprint of its customers. Kontrolmatik and its subsidiaries aims to contribute to many of the 2030 targets set by the UN (United Nations), both directly with its products they have and develop, and indirectly through the sustainable solutions and services it provides to its customers and stakeholders.

Having a significant experience in the use of renewable energy sources, the Company also puts its R&D power at the service of sustainability, contributes to the monitoring of sustainability performance with its products and services in the field of the Internet of Things, and to reducing the damage to the environment through preventive measures. The company uses technologies that are efficient and have the least adverse impact on the environment in all areas of operation.

With the aim of "Carbon Neutral", not only countries but also companies have updated their future strategies. Those who are turning to renewable energy sources and alternative clean fuels from fossil fuel plants today will be the ones closest to their 2035 and 2050 targets. For a sustainable future, we continue to offer "End-to-End Digital Solutions" by increasing our solutions on renewable energy sources and smart city technologies.

#### **Ranked 28<sup>th</sup> among world's giants**

Thanks to these achievements, Kontrolmatik has managed to make its mark among the world's leading companies. The company crowned its breakthroughs by rising from 37<sup>th</sup> to 28<sup>th</sup> in the list of the world's top system integrators published in CFE Media and Technology's Control Engineering Magazine.

These positive developments give us hope for 2022 and beyond. However, our main goal is to add new ones to the successes we have achieved and to be one of the top 10 companies worldwide in our field. We will continue to work with the same determination and dedication to achieve this goal.

While setting these targets for ourselves, our greatest assurance is our employees and all our stakeholders. I would like to take this opportunity to thank all of them.

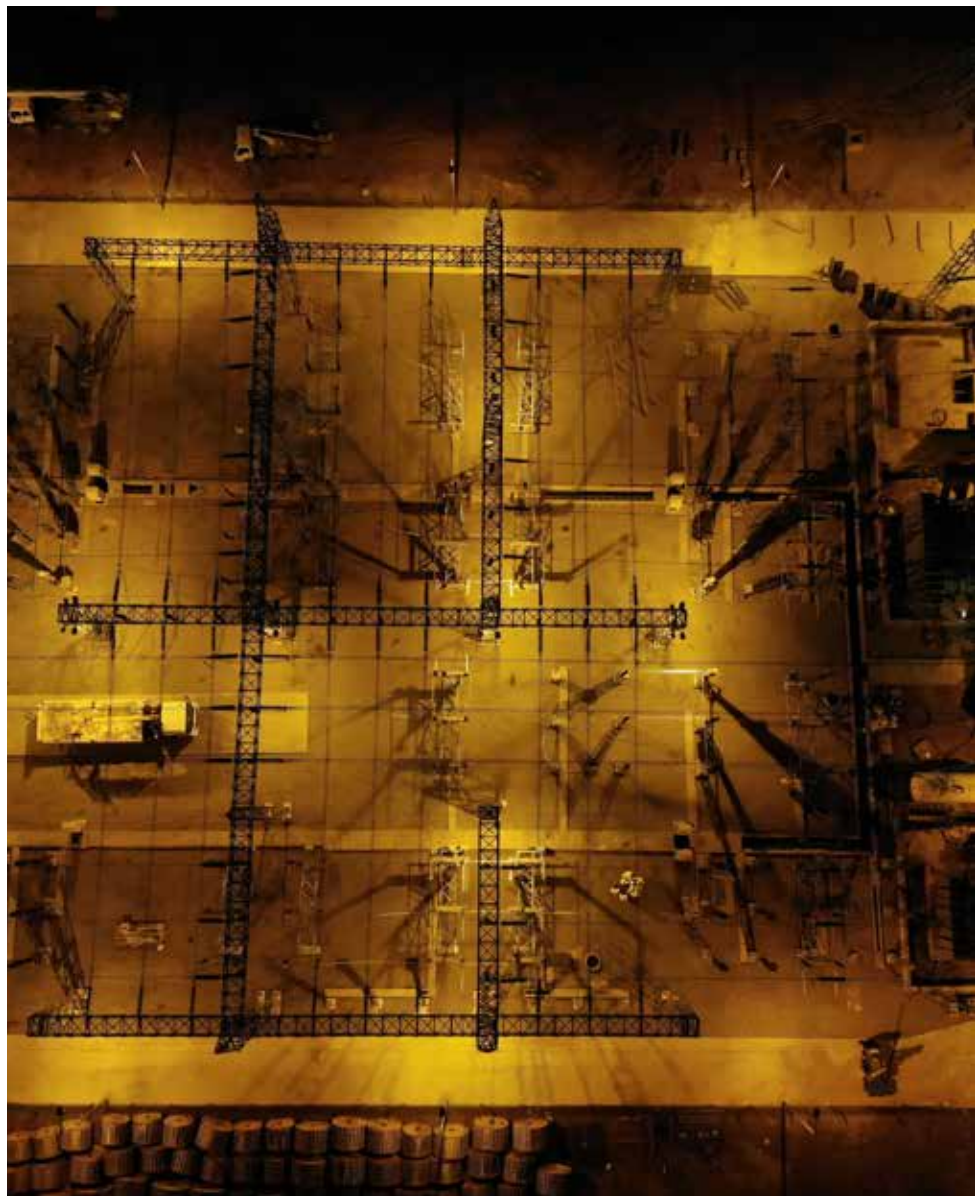
Kind regards

**SAMİ ASLANHAN**  
**CHAIRMAN OF THE BOARD**

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**Kontrolmatik uses technologies that are productive and have the least adverse impact on the environment in every field it operates.**

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MESSAGE FROM THE GENERAL MANAGER

## WE IMPROVE OUR PRODUCT RANGE EVERY YEAR

In 2021, Kontrolmatik exceeded its targets by achieving 611.8 million TL turnover, 175.5 million TL EBITDA, 130.7 million TL net profit, and closed 2021 with a growth of 204%.

Dear stakeholders,

Having started its story as an engineering company in Istanbul in 2008, and having completed numerous projects in 28 different countries in the last 14 years, Kontrolmatik continued to expand, deepen and diversify its story in 2021.

At Kontrolmatik, which I was involved in 2011, I would like to say that this year we are getting closer to the goal of being the first company that comes to mind in the region and in the sectors it serves. The year 2021, in which we bear the responsibility of not only our employees, suppliers or customers, but also thousands of investors, became a very special year for us as it is the first fiscal year after our public offering.

Although this was a year in which the effects of the pandemic were relatively mild compared to 2020, the negativities experienced especially in the logistics and chip crisis continued to affect both our sectors and the global economy. Despite all this, we achieved the targets we set in 2020 at Kontrolmatik. We managed to increase both the number of our employees and our turnover and profitability compared to 2020.

Our sales revenues, which accelerated in the first 6 months of 2021, had a positive impact on our financials in the third quarter, with the relative easing of pandemic restrictions and the implementation of new projects. While high growth in net sales and EBITDA continued in the third and fourth quarters, our net profit margin also increased. Our company closed 2021 with 204% growth, net sales of more than TL 611.8 million, and 175.5 percent with an EBITDA margin of 28.7%.

### Expanding product range with investments

This growth is preparing the ground for getting closer to the goal of becoming one of the leading global companies in the world by growing even more with the investments made without interruption. In 2021, we opened the Mobile Solutions Factory in Ankara, Kahramankazan, to serve both our country and our international customers from a single point.

Our mobile solutions are designed in such a way that all engineering and production works are carried out in-house in order to minimize the effects of environmental and regional conditions, especially in difficult conditions such as the Middle East and Africa. In addition to our e-house, mobile substation and mobile energy storage system solutions designed and produced to meet the energy needs of the regions in a fast, effective and safe manner. We increased our product range in 2021 with hybrid mobile energy systems that bring together mobile data centers for data security, modular RMS stations for gas measurement systems, local electricity rooms, local instrument rooms, solar, wind and diesel sources in one package.

In addition, we completed the preliminary work of our lithium-ion battery cell and energy storage systems factory in Ankara Polatlı, which belongs to our 100% subsidiary Pomega Enerji Depolama Teknolojileri A.Ş., the first phase of which is expected to be put into service in the last quarter of 2022. The factory, which will be a first in Turkey, will also contribute to the reduction of foreign-source dependency of our country, which imports approximately 250 million USD annually in domestic production and energy storage solutions, and it will serve the goal of a sustainable world with its environmentalist solutions.

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**611.8**  
MILLION TL  
NET SALES

**175.5**  
MILLION TL  
EBITDA

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The cells produced by Kontrolmatik can be used not only in grid-scale energy storage and power plants, but also in homes, and can work integrated with solar panels and the electricity grid. In this way, consumers will be able to easily access cheap, sustainable and green energy solutions that reduce carbon emissions, suitable for every home and every workplace.

Energy storage systems, which have an important factor in the spread and development of renewable energy sources, will play a leading role in the development of the green transformation targeted by Europe's Green Reconciliation action plan. In this direction, with the energy storage systems we have implemented at Kontrolmatik, it ranks first in the Green Reconciliation action plan. We aim to provide solutions that will help reduce the damage to the environment on issues such as carbon emissions and global warming.



## MESSAGE FROM THE GENERAL MANAGER

# RECONSTRUCTION WORKS ACCELERATED IN 2021

In 2021, we decided to gather our Internet of Things (IoT) efforts, our product and platform family under the Controlix brand.

**We brought our technical and administrative departments in more compliance with our targets by creating three Assistant General Manager Roles as Operations, Production, Administrative and Financial Affairs.**



This was also the year we decided to gather our Internet of Things (IoT) efforts, our product and platform family under the Controlix brand. Controlix serves more than 50 usage areas in the fields of smart cities, smart grids, large-area industries and smart transportation. With the sensors and modules produced by Controlix, which do not require a wireless and energy infrastructure and have long-lasting batteries, we enable the monitoring and control of many different parameters from a single platform, from temperature to air quality, from level detection to smart meter monitoring.

Our ecosystem expansion efforts continue for IoT, just as in energy storage systems. The agreement for sending three internet of things test satellites, developed by Plan-S, a 25% subsidiary of Kontrolmatik, which is closely interested in the field of satellite and space technologies and carries out studies on the internet of things and satellite communications, into orbit with Space X Falcon 9 rockets in 2022, was signed during the year.

With the project, which will be realized for the first time in Turkey, the satellites will form a broadcasting network in Turkey and the surrounding region, and process the sensor data collected from various sectors and send it to the earth. Plan-S which plans to send 1 satellite in the third quarter

of 2022, and 2 satellites in the fourth quarter of 2022, aims to put 30 communication satellites into service in 2024.

### Restructuring will accelerate growth

In order to manage this rapid growth in a healthier way, we continued our restructuring efforts and updated the organization chart of Kontrolmatik Teknoloji. We made our technical and administrative departments in more compliance with our targets by creating three Assistant General Managers as Operations, Production, Administrative and Financial Affairs. In addition, we continue our R&D studies without slowing down. By continuing our work in the field of collaborative robot arm, we have decided on the prototype launch dates to be held in 2022. In addition, while our work on developing a floating platform for solar power plants continues, we also completed our utility model and patent applications in 2021.

Continuing our breakthroughs abroad, in 2021, we established a 100% subsidiary in the Republic of Cameroon and Kontrolmatik Toshkent LLC as a 100% subsidiary company in Uzbekistan, and opened the Libyan branch. Our most important goal is to further increase our dominance and effectiveness in the regions with the companies and offices we have opened.

### Sustainable growth will continue in 2022

The place of 2022 is different for us compared to other years, because we will be able to see the results of our efforts since many years more concretely. For example, we will start to manufacture the energy storage systems (EDS), for which we have been producing solutions since 2016, in our factory, which is under construction in Ankara. We are very excited to be presenting systems that we will produce entirely ourselves, from Lithium-Ion battery cells to module and container solutions.

Kontrolmatik will not be satisfied with these achievements, it will continue to contribute to our country's economy and a sustainable world while taking its place among the best in the world. At Kontrolmatik, our goal is to achieve sustainable growth in 2022, as in 2021, and to continue R&D, advanced technology and other investments in this process without interruption.

We will continue to invest and carry out R&D projects on this path. We will continue to make life easier and better by providing turnkey solutions in many fields such as Renewable and conventional power plants, as well as petroleum & natural

gas, mining, transportation, etc. substations, power transmission and distribution lines, smart city infrastructures, process industry. In addition to the contracting and integration services we provide, we will have a wide, end-to-end product and service range with mobile substations, e-house, mobile hybrid power generation units, mobile data centers, floating platforms, energy storage systems, IoT modules, sensors and software.

We have achieved all these with the support of all our stakeholders, especially our employees, and we will move forward with the strength we get from them.

We trust the future, we believe in ourselves, we run, we work, we plan, we realize. We are excited and hopeful. We just have begun.

I wish 2022 to be a healthier and more peaceful year for all of us, and I would like to thank our employees and all our stakeholders for their efforts and support.

Kind regards,

**OSMAN ŞAHİN KÖŞKER**  
**GENERAL MANAGER**

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**At Kontrolmatik,  
our goal is to be  
sustainable in 2022  
as it was in 2021  
to ensure growth  
and to continue  
R&D, advanced  
technology and  
other investments in  
this process without  
break.**

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## ENERGY GENERATION, TRANSMISSION AND DISTRIBUTION SYSTEMS

# EFFICIENT AND GOOD SERVICE PROCESS

With its power generation, transmission, distribution and storage solutions under a single contract, Kontrolmatik contributes to creating a sustainable world while providing efficiency and profit to its customers.

**Kontrolmatik contributes to energy supply with its experience in renewable and conventional power plants.**

Electric energy, which is one of the biggest needs of today, has become a value that should be carefully monitored from production to consumption due to both the gradual depletion of fossil fuels and the problem of global warming. Producing energy at the most affordable cost, minimizing the damage to the environment during the production phase, delivering quality energy to users with minimum loss have gained critical importance in terms of sustainability.

In outdated technologies, great losses occur from production to consumption. In modern power generation and transmission systems, the use of control systems and smart electricity infrastructures increases productivity, improves quality and reduces losses.

One of the factors that make a difference in power generation and transmission systems is to provide maximum energy production with minimum cost. Optimization in energy production and transmission systems is also gaining importance in order to protect increasingly depleted resources.

Kontrolmatik, which has become one of the most respected and innovative companies in the energy sector in a short time, contributes to a more sustainable world while providing efficiency and profit to its customers with the power generation, transmission,

distribution and storage solutions it provides under a single contract.

As a strategic solution partner of companies in the energy sector, Kontrolmatik has successfully completed many projects for renewable and conventional power plants. Starting from feasibility studies, a sustainable approach completes the scope of detail and reverse engineering, procurement management, installation, assembly, construction and operation and maintenance. Carrying its experience and success in this field to the international arena, Kontrolmatik makes a name for itself with the energy projects it has realized in many countries on three continents.

Contributing to the energy supply of countries with its experience in wind, solar, hydroelectric, biomass, biogas, geothermal power plants and simple cycle, combined cycle and cogeneration power plants, Kontrolmatik's turnkey solutions are as follows:

- Basic, advanced and reverse engineering
- Electrification (E-BoP)
- Low voltage (LV), medium voltage (MV) and high voltage (HV) systems
- Mechanical (M-BoP)
- Construction (C-BoP)
- Instrumentation and control systems (I&C)
- Turbine and boiler scopes
- Emission control systems
- Control systems and process systems





- Harmonic analysis and compensation systems
- Communication systems
- PLC / SCADA / DCS / RTU
- Protection and control systems
- Software management
- Data management
- Testing and commissioning
- Training
- Operation and maintenance

### 360 Degree Service Concept

In addition to the installation of power plants, the company deals with substation, energy transmission and distribution lines, underground power cable and energy storage solutions. It provides 360-degree service. Kontrolmatik, providing turnkey solutions for projects up to 500 kV voltage level, also provides air-insulated substation (AIS), gas-insulated substation (GIS), mobile substations, energy transmission lines, underground power cable and energy storage systems, as well as on-grid and off-grid systems.

With its strong and dynamic staff, the company makes special plans for national requirements in different geographies and ensures that power plants and facilities work in harmony. The primary solutions that the Company provides to transmission and distribution projects, are as follow:

- Electrical, mechanical and construction detailed design
- Preliminary studies including feasibility studies, studies and reports
- Mechanical installation
- Electrical installation and installation
- Infrastructure and superstructure steel works,
- Construction works
- All primary and secondary coverage
- Protection systems and performance tests
- Testing and commissioning
- Education
- Operation and maintenance services

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**Kontrolmatik provides 360-degree service with its substation, energy transmission and distribution lines, underground power cable and energy storage solutions.**

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## INDUSTRIAL FACILITIES AND HEAVY INDUSTRY ORGANIZATIONS

# END TO END DIGITAL SOLUTIONS TO INDUSTRIAL FACILITIES

Kontrolmatik, provides end-to-end digital solutions for both conventional systems and digital processes, increases its references in chemistry & medicine, iron & steel, cement, paper, textile, food & beverage facilities day by day.

**Kontrolmatik provides end-to-end solutions for both conventional systems and digital processes.**

Kontrolmatik provides software, control system, electrification and instrumentation solutions with high added value for industrial facilities and heavy industry organizations under a single point. With extensive knowledge and experience of international standards that underpin design and implementation in the process industry, the Company has proven design, assembly and project management capabilities. and provides wide-scale solutions for the following products and services:

- Electric & mechanical system designs
- Supply, installation and construction
- BOP (E-BOP, M-BOP and C-BOP)
- Industry 4.0 production level infrastructure design and installations
- Internet of Things (IoT)
- Mechanical and electrical installation
- Process control solutions (PLC, SCADA, RTU, DCS)
- Instrumentation
- Facility information systems (PI)

- Production management systems (MES)
- Compact command center solutions
- Mobile data center solutions

Kontrolmatik, providing end-to-end digital solutions for both conventional systems and digital processes, increases its references in chemistry & medicine, iron & steel, cement, paper, textile, food & beverage facilities day by day and initiates long-term partnerships with its satisfied customers.

### Facilities Generating Their Own Energy

Kontrolmatik also provides its customers solutions for production facilities that are more sustainable and have a low carbon footprint. The company designs and commissions plants that produce its own energy in order to fight rising energy costs in global markets and to have more competitive prices. With the process improvements and digitalization studies, more efficient facilities are obtained, while contributing to the reduction of the carbon footprint. Wind power plants, roof and land type solar power plants and the potential green energy sources in the factories are evaluated, and the electricity produced by the waste heat recovery systems is used in the facility. In addition, with the energy storage systems provided, it is possible to store the idle energy and use it again at high capacity when needed.



## TRANSPORTATION SYSTEMS

# TURNKEY SOLUTIONS IN TRANSPORTATION SYSTEMS

Kontrolmatik carries out projects in the field of transportation systems and provides solutions to its customers in the fields of consultancy, system design, project design, manufacturing, software, field tests, commissioning, training and maintenance.

Kontrolmatik, with its experienced and expert staff, determines the needs of the system and establishes the appropriate infrastructure.



Transportation systems, an important part of our daily life, is modernizing with the developing technology. Safety, maintenance and troubleshooting in transportation systems such as highways, airlines, metro, tram, light rail systems and railways is possible through modern control systems.

Ensuring the continuity of energy in the power grid feeding a transportation system is very important to access to control parameters. In a timely and accurate manner as well as functionality, safety, and efficiency of the transportation system.

With its experience in this field, Kontrolmatik realizes turnkey projects and provides solutions to its customers in all kinds of consultancy, system design, project design, manufacturing, software, field tests, commissioning, training and maintenance. Needs change in accordance with the shape of transportation system. Kontrolmatik, with its experienced and expert staff, determines the needs of the system, establishes the appropriate infrastructure, and ensures the continuity of the business with the services it provides.



## TRANSPORTATION SYSTEMS

# MODERN CONTROL SYSTEMS APPLICATIONS

Kontrolmatik uses modern control system solutions to increase life safety, maintenance and troubleshooting in all transportation systems.

**Kontrolmatik provides solutions to highways, railways, metro and light rail systems, and airports.**

Some of the solutions provided by the Company are as follow:

**Highways**

- Tunnel control center and SCADA systems
- Traffic control and management systems
- Tunnel ventilation systems
- Tunnel lighting systems
- LV, MV and HV energy infrastructure scopes
- Emergency power supply system
- Fire detection and extinguishing systems
- CCTV (Closed circuit camera) systems
- Traffic signaling systems
- Vehicle tracking and classification systems
- Computer aided fluid mechanics analysis (CFD)
- Driver information systems
- Communication infrastructure systems

**Railways**

- Electrification systems
- RTU systems
- Power quality solutions
- Protection and control system
- Telecontrol-telecommand center and ICCP
- LV, MV and HV energy infrastructure scopes

**Metro and Light Rail Systems**

- SIMS and ECS environmental control system and mechanical equipment
- SCADA system
- MCC boards
- Project design and manufacture of local control panels
- Computer aided fluid mechanics analysis (CFD)
- Tunnel ventilation and smoke evacuation systems
- IHK business scenarios and test procedures
- Tunnel fire scenarios and test procedures
- Tunnel ventilation system panel and control systems
- Tunnel JETFAN control system
- Elevators and escalators
- Door controls

**Airports**

- Electrification systems
- RTU systems
- Power quality solutions
- Protection and control system
- Communication and internet of things applications
- LV, MV and HV energy infrastructure scopes



## OIL AND NATURAL GAS FACILITIES

# SUSTAINABLE AND EFFICIENT SOLUTIONS

Working with a focus on sustainability and efficiency in oil-gas projects, Kontrolmatik provides high value-added services with its experience from reference projects and its solution partnerships.

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**Kontrolmatik implements successful applications for oil and gas facilities in many countries.**

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Kontrolmatik provides a wide range of solutions in oil refineries and petroleum industry with its solution partners and shares its experiences in different business units in refineries.

Kontrolmatik, developing solutions with the awareness of the importance of sustainability and efficiency in oil and gas projects, as in every industry in which it operates, realizes trouble-free projects with its experience from reference projects and its solution partnerships.

The company continues to successfully implement electrification, instrumentation and control systems for oil and gas facilities from scratch or in renovation/modernization projects in many countries.

Some of the services provided by the Company in this industry are as follows:

- Turnkey EI&C (electrical-instrument-control) systems
- Tank site design, including advanced controls and monitoring systems
- Enhanced control of refinery units via multivariate estimation restriction control algorithms
- SIL 3 degrees F&G (fire and gas control) and ESD (emergency stop) systems
- Gas storage facilities, non-gas compression
- Natural gas pipeline transport and distribution stations
- Cyber security
- Intrusion detection and heat sensing systems



## FOOD AND BEVERAGE PRODUCTION FACILITIES

## APPROACHES ABOVE THE STANDARDS

Kontrolmatik provides consultancy, process designs and control system services for the food industry and solutions under one roof.

**Kontrolmatik is aware that plant efficiency must be at the highest level for a sustainable future.**

One of the industries where Kontrolmatik produces value-added solutions is food & beverage production facilities. The company, with its respect for people and the environment and its sense of responsibility, demonstrates approaches above the standards in this field, as it does in every project.

The company's services for the food industry starts from consultancy, with its expert and trained staff, and includes feasibility studies, project management, engineering design including different disciplines, installation, project management, supply services, advanced process control, computerized facility

information systems, software projects and support, and facility management until commissioning.

Kontrolmatik also develops process designs and control systems specific to the food industry. The company providing solutions based on continuous development, from technology selection to the design of production lines, from control systems to the creation of workflows, from IT and OT cyber security works to big data analysis, continues its R&D studies for the collaborative robot arm project planned to be used in the industry.

Acting with the awareness that the efficiency in food and beverage production facilities must be at the highest level for a sustainable future, some of the solutions provided by the Company under a single point are as follows:

- Transport
- To mix up
- Packaging
- Palletizing
- Collection
- Digitization
- Robotics applications
- Process control solutions
- Facility assessment
- Food safety
- Manufacturing execution system (MES)
- ERP integration





## SMART AGRICULTURE AND FERTILIZER INDUSTRY

# PROCESSES WITH LOW CARBON FOOTPRINT

Kontrolmatik's goal is to design processes having low carbon footprint, and operate these processes with productive fundamentals.

**Kontrolmatik develops solutions for the production of agricultural chemicals, agriculture and livestock applications.**

Energy and food supply are among the most critical problems today. Although it seems like two separate industries, the most important sub-title of sustainable agriculture is energy supply.

The increasing energy and food crisis encourages the use of smart and efficient systems in all facilities and accelerates the development of sustainable and renewable solutions in the agriculture sector. Kontrolmatik provides end-to-end digital solutions to the agriculture, fertilizer and livestock industries, helping to increase efficient and high-quality production.

The main goal of the company is to design processes having low carbon footprint for a sustainable future, and to operate these processes with productive fundamentals and low energy consumption. In addition to conventional production, the company also develops control systems and digitalization solutions for advanced agriculture and livestock applications, and contributes to reducing possible crises in the future.

Kontrolmatik develops value-added solutions for the agricultural sector under two main headings: Manufacture of agricultural chemicals; Agriculture & livestock applications.



## **Agricultural Chemicals Manufacturing Industry**

- Process design
- P & ID and PFD engineering
- EPC installation service
- Nitric acid plant
- Ammonium nitrate plant
- Calcium ammonium nitrate plant
- Ammonium sulfate nitrate plant
- NOx removal
- NPK (steam granulation solutions)
- Ion separation solutions

## **Agriculture and Livestock Applications**

- IoT solutions for smart agriculture
- Power and heat generation and storage solutions for livestock and agricultural waste
- Waste-to-energy solutions
- Turnkey solutions for smart greenhouse

## PRODUCTION FACILITIES

# PRODUCTION FACILITIES THAT WILL REDUCE IMPORTS

Lithium iron phosphate (LiFePO<sub>4</sub>) battery cell, module and energy storage systems will be produced at the factory to be put into service in Polatlı.

**The mobile systems produced are designed to operate in harsh conditions for many years without any problems.**

Kontrolmatik has two production facilities. The first of these was put into operation in 2021, and the other is planned to be operational in 2022.

The Mobile Solutions Factory with a land of approximately 8.000 m<sup>2</sup> and 4,000 m<sup>2</sup> closed area in Kahramankazan, Ankara, started its activities in 2021 to supply products to different countries. The factory manufactures portable power generation, transmission, distribution and storage systems such as mobile substations, e-house, energy storage systems, mobile hybrid power generation units. With over 20 staff and its own engineer teams, the factory provides turnkey mobile solutions to its customers, mostly abroad, from container manufacturing to all electrical and control systems equipment, from ventilation to firefighting infrastructures.

These products, which are the result of many years of experience of the Kontrolmatik engineering team, are designed to provide maximum service in restricted areas and in particularly challenging environments such as the Middle East and Africa.

The systems, which are designed to operate without any problems for many years under these conditions, make a difference in the solution of instantaneous energy needs.

Pomega Enerji Depolama Teknolojileri A.Ş. lithium battery cell factory, a 100% subsidiary of Kontrolmatik, which will be established on approximately 100 thousand square meter land in Ankara Polatlı Organized Industrial Zone, is planned to be operational in 2022.

Ankara was chosen for the factory considering easy accessibility, qualified workforce opportunity and OIZ compliance. It is planned to have a closed area of 20 thousand square meter of each phase of the plant, and 60 thousand square meter in total.

The equipment and technology transfer of the facility will be provided by foreign partners, and the infrastructure installation will be done by Kontrolmatik itself. Lithium iron phosphate (LiFePO<sub>4</sub>) battery cells, modules and energy storage systems will be produced in the factory, and the increasing demand of the industry will be met. These products will appeal to areas that require high-power energy storage such as power plants, city grids, factories, household applications and high-power trucks, vessels and trains.



The facility, which is Turkey's first private sector investment in this field, will contribute to the reduction of imports for energy storage solutions. The company aims to contribute to the reduction of the current account deficit with this investment, in its journey with the motto "those who control technology control the future".

The facility, which will be built with an estimated investment of 180 million USD, will be completed in three phases. With the completion of the first phase with an available capacity of 250 MWh, the facility is planned to be opened in 2022. With the opening of the second and third phases to be made in 2023 and 2025, it will reach a total capacity of 1,000 MWh.

#### **It Will Help Reduce Carbon Emissions**

Energy storage systems, which have an important factor in the spread and development of renewable energy sources, will play a leading role in the development of the green transformation targeted by Europe's Green Reconciliation action plan. Accordingly, with the energy storage systems it has implemented, Kontrolmatik will provide solutions that will help reduce the damage to the environment with regard to the issues such as carbon emissions and global warming, which are in the first place in the Green Reconciliation action plan.

With this investment, the company aims to increase the prevalence and development of renewable energy sources, and to improve reliability, diversity and power quality in distribution systems and thus, it will also make a significant contribution to the economy. Pomega Enerji Depolama Teknolojileri A.Ş. facility, which will bring renewable energy sources to the forefront in energy production, will also help reduce the environmental damage caused by carbon emissions by integrating into widespread hybrid power plants.



## PRODUCTS AND SOLUTIONS

# STRATEGIC SOLUTION PARTNER FOR ITS CUSTOMERS

As the strategic solution partner of its customers, Kontrolmatik responds to the needs of companies with innovative and value-added solutions.

Kontrolmatik, developing its product and system range depending on today's technology dynamics, is progressing with firm steps towards its goal of becoming a world brand with its experienced and dynamic staff and rapidly developing structure.

## ENGINEERING

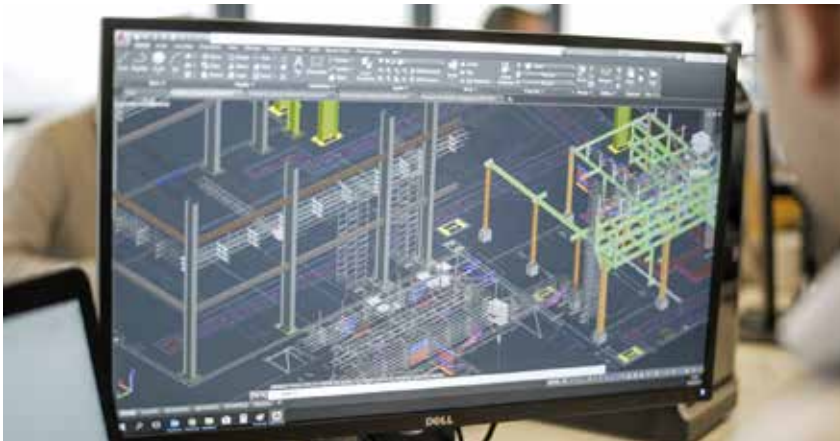
As one of Turkey's leading engineering companies, Kontrolmatik continues to successfully complete many engineering-based projects at home and abroad with its energetic, experienced and dynamic staff. Constantly developing its product and system range depending on today's technology conditions, Kontrolmatik is progressing with firm steps towards its goal of becoming a world brand with its rapidly developing structure.

In addition to its staff with long consultancy and engineering experience, the company also makes a difference with its modern techniques and computer-aided engineering design tools, and produces professional solutions.

Some of the solutions provided by the Company are as follow:

- Power systems design and analysis
  - Short circuit analysis
  - load flow analysis, load shedding
  - Stability analysis, transition stability, tension stability
  - Relay coordination, selectivity analysis
  - Harmonic analysis, electromagnetic transmission analysis power systems design

- Network quality, interconnection studies frequency regulation
- Power system stabilization
- Power plant mathematical model
- Power quality analysis and modeling
- Switchgear centers; primary, secondary and SCADA designs
- Control systems design and supply
- Process control engineering
  - Functional logic descriptions and logic diagrams
  - Control system specification
  - Instrument design and instrument specifications and datasheets
- Instrument connection diagrams
- Instrument list, cable list, signal list,
- Alarm list
- Loop wiring diagrams
- Power plant basic engineering and consultancy services
  - Power plant performance evaluations, review and review
  - Electrical single line diagrams
  - Site layout
  - Flowcharts review and review
  - Examination and reviewing P & I diagrams
  - Tender specification reading and review
- Power plant performance test procedure, reading and review



**Kontrolmatik provides digital solutions with its strong and dynamic staff.**

- Power plant detail engineering and consultancy services
  - P & ID equipment coding (ISA/KKS) and I & C review
  - Electric load list
  - MCC control circuit diagrams
  - Instrument, signal, cable lists and connections
  - Instrument assembly documentation
  - Instrument design and specifications
- Transportation Systems weak and strong current design, communication systems and signaling engineering
- Function descriptions and logic diagrams
- Control panel design
- Customer offer evaluation for related equipment and systems

### **ELECTRIFICATION AND BALANCE of PLANTS (BoP)**

With its experience and strong engineering infrastructure, Kontrolmatik provides facility-specific "balance of plants (BoP)" integration and turnkey power plant integration in renewable and conventional power plants. The company helps to return of investment in a short time with the control systems and electrical infrastructure installed in accordance with the type and capacity of the power generation plant.

Balance of plants include all systems, components and structures other than the main power generating system and the waste heat recovery system in a power plant, and it is aimed to manage these independent control systems at a single point.

The appropriate integration of these systems, the ability to share data between systems and the flexibility that this system will bring are one of the most important parameters affecting the efficiency and productivity of a power plant. Kontrolmatik, just like an orchestra conductor, ensures that all systems and software work in perfect harmony.

Kontrolmatik, which has played an active role in many renewable and conventional power plant projects since its establishment, provides a wide range of services from feasibility studies of power plants to advanced and reverse engineering studies, from procurement of all materials to installation and assembly, from testing and commissioning works to system upgrades.

In addition to the new power plant installations, the company provides services for the rehabilitation and modernization of existing power plants, their removal from the current location and their re-establishment, if necessary. Kontrolmatik is one of the only companies that does reverse engineering in this field.

Some of the services provided by the Company are as follow:

- Advanced and reverse engineering
- Gas and steam turbine selection, supply and installation
- Boiler selections, supply and installation
- Central communication and cyber security infrastructure
- Control systems, protection, control and monitoring systems (PLC, SCADA, DCS, RTU)
- IoT applications and digitalization
- All electrical, mechanical, civil and instrumentation design and assemblies

## PRODUCTS AND SOLUTIONS

## SERVICES PROVIDED WITH SINGLE CONTRACT

Kontrolmatik evaluates each project within itself, by taking into account the specific conditions of the project.

**Kontrolmatik reduces the burden of its customers by providing a single contract implementation of all engineering, equipment supply, construction, installation, testing, commissioning, operation and maintenance works.**

### ENERGY TRANSMISSION AND DISTRIBUTION FACILITIES

In addition to the solutions it provides in power plants, Kontrolmatik also performs the necessary services for the connection of the produced energy to the national grid or the facility to be used.

Acting as the strategic solution partner of its customers, the Company carries out turnkey projects in different geographies from 0.4 kV to 500 kV voltage levels in air-insulated or gas-insulated substations, overhead transmission lines and underground energy cables projects. The company reduces the burden of its customers by providing all engineering, equipment supply, construction, installation, testing,

commissioning, operation and maintenance work in these systems with a single contract.

The turn-key projects that Kontrolmatik, which evaluates each project within itself and designs them in accordance with the most up-to-date specifications in the country where the project is carried out, considering the specific conditions of the project, has implemented up to 500 kV voltage are as follow:

- Gas insulated switchgear (GIS) and air-insulated switchgear (AIS): turnkey substation projects including feasibility studies, detailed engineering, primary and secondary projects, control systems and protection systems
- Overhead power transmission and distribution lines: Turnkey energy transmission and distribution lines including conducting surveys, route discovery and obtaining permits, advanced engineering and design of poles and foundations, lower and upper assembly and conductor pulling
- Underground power cables: turnkey underground power cable projects, including conducting surveys, determining route and ground analysis, obtaining permits, advanced engineering and cable duct design, laying of cables, mounting of headers and closure of ducts.





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## INDUSTRIAL SOFTWARE, PROTECTION CONTROL SYSTEMS

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Control systems provide productive and safe operation by minimizing risks in businesses. It provides the advantage of monitoring, reporting, access to all control points from any point of the system, as well as flexibility, speed and minimizing errors.

Access to all control parameters from any part of the system to control systems power plants and industrial facilities; management and monitoring of the entire system with a single control platform; possibility of quick command; integrating electrical infrastructure and control systems; early detection of malfunctions that may occur; prevention of unplanned breakdowns and reduction of maintenance time provide many advantages such as reliable data collection and fast data flow.

In addition to control systems such as DCS and PLC, SCADA software that runs on standard computer hardware and transforms all control parameters into visual control tools, allows the system to be expanded in line with the needs that may be arose in the future and to include hardware independent of the manufacturer into the system, thanks to their open protocol.

With the control systems infrastructures it provides for power plants as well as all other industrial facilities, Kontrolmatik maximizes efficiency and safety and ensures uninterrupted production.

The company provides its customers solutions such as PLC, compact DCS systems, advanced DCS systems, and SCADA.



Kontrolmatik ensures that the energy produced in substations is transmitted safely and uninterruptedly, with minimum loss, with its high-quality electrical infrastructure and control systems. Monitoring and control of all main and sub-equipment of the distribution system, monitoring of the entire switchyard from a main center and control over SCADA are necessary for the reliability and uninterrupted operation of the system. By establishing large-area SCADA systems in many geographies, Kontrolmatik connects centers that are kilometers away from each other in a single point, and allows centers to be monitored and controlled.

Remote control of the power system is carried out via RTU (remote terminal units) with a flexible and modular design. Kontrolmatik, uses RTU's open architecture power in systems,

which perfectly adapts to the scalability of its system, and hardware and software that provides all kinds of expansion possibilities in different applications.

In addition, it is important to immediately detect an error that may occur at any point in the energy transmission and distribution lines and to ensure system reliability. The systems used should be sensitive enough to detect even the smallest fault current, and they should provide safe operation even in harsh outdoor conditions. In order to provide its customers with critical operating characteristics and maximum safety in protection and control systems, Kontrolmatik provides end-to-end services such as brand-independent project design, supply, installation and test commissioning.

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**With the control systems infrastructures it provides for power plants as well as all other industrial facilities, Kontrolmatik maximizes efficiency and safety and ensures uninterrupted production.**

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## PRODUCTS AND SOLUTIONS

# END TO END CYBER SECURITY SOLUTIONS

Kontrolmatik provides customized cyber security solutions against unauthorized access in power plants and industrial facilities.

**Kontrolmatik provides its customers layered defense with a comprehensive security solution approaching the software integrity and network security of industrial control systems.**

## COMMUNICATION AND CYBER SECURITY SOLUTIONS

Kontrolmatik provides special ICS cyber security solutions and products for all cyber security needs against malicious software that can spread itself between devices and malicious people penetrating networks through e-mails and phishing:

- End-to-end security design and implementation
- Industrial switches and firewalls for secure communication
- Cyber security analysis and monitoring software

The company provides its customers layered defense with a comprehensive security solution approaching the software integrity and network security of industrial control systems:

- Describing: Operational visibility, real-time asset inventory and network monitoring
- Protection: Cell protection and perimeter networking, access control, layered defense, integrated switching, wireless access, firewall and VPN
- Detection: Detecting anomalies, events and cyber threats
- Responsiveness: Centralized management, registering and reporting
- Recovery: System reinforcement, processes and guidelines

Industrial communication networks are much more complex than traditional office networks.

Successfully planning, designing and implementing them therefore requires a partner with extensive experience in this field as well as extensive knowledge of control systems and the industry as a whole. Kontrolmatik is a global company with this knowledge and experience.

- Planning and Design: Designing a robust and reliable industrial communication infrastructure
- Transportation: Telecommunications services (SDH, PDH, Fiber, modem, PLC, etc.)
- Routing and Switching: Industrial ethernet (switches, media converters, gateways, cabling, gateways and Wi-Fi).
- Optimization: Planning for end-to-end integration, redundant systems and sufficient bandwidth for the future.
- Security: Considering environmental risks (ICS cybersecurity, firewall, data diodes and cybersecurity software).
- Services: Design, engineering, procurement, installation, commissioning, integration and field services.

## DIGITALIZATION, DATA PROCESSING AND THE INTERNET OF THINGS

Kontrolmatik plays an important role in the transition of sectors to the digital industry. Connecting to everything with the services provided by the Company; it becomes possible to create applications for all employees; analyze machine and plant data, and with augmented reality, experience everything.

With the solutions developed by Kontrolmatik, facilities can be monitored and strengthened instantly:

- Key performance indicators-KPI
- Centers of excellence
- Real-time actions
- Energy consumption rates
- Raw material cost
- Water consumption rates
- Labor cost and rates
- Environmental regulations
- Continuous renewal
- The most suitable applications for your facility

### Internet of Things and Data Analytics

Kontrolmatik IoT and data analytics solutions provide visibility to its customers' assets. Providing tailor-made solutions with state-of-the-art software and hardware that emerged as a result of joint efforts with world giants in the IT sectors, the Company has become the reliable and preferred business partner of its customers with the experience gained through successfully completed projects.

The company provides important solutions in data collection management with its sensors and cloud-based software developed under the Controlix brand. The advanced platform designed in a modular way enables monitoring, management and analysis of data collected in big data environments to create business value.



Solutions including multiple communication protocols provide flexibility and easily adapt to many projects. The company produces more than 25 sensors with its own design and project-specific connection protocols and provides unique solutions to project needs.

Some of the skills that the Internet of Things will bring to businesses include:

- Innovative New Provides: Internet of Things (IoT) technology can transform products into services and sales transactions into subscriptions.
- Business Efficiency: Connected sensors and actuators provide data that can reduce waste and adapt operations to changing conditions. Labor-intensive monitoring and meter reading can be assigned to internet-connected smart meters. In the energy industry, operators

use data from sequential sensors and aerial observations integrated with operational Databases to increase efficiency and safety of employees and the society.

- Decision Making Processes: IoT solutions provide data in order to make data-driven decisions based on what's actually going on. Product developers can design smart and connected products that know exactly what features their users use and how they use them. Use and wear data of assets allows managers to determine where assets should be deployed for the best return and when they should be discarded and replaced. With these systems, manufacturers can measure process efficiencies, reject rates, and make corrections quickly.



## PRODUCTS AND SOLUTIONS

## CLOUD BASED DATA COLLECTING

Kontrolmatik provides important solutions in data collection management with its own developed sensors and cloud-based software.

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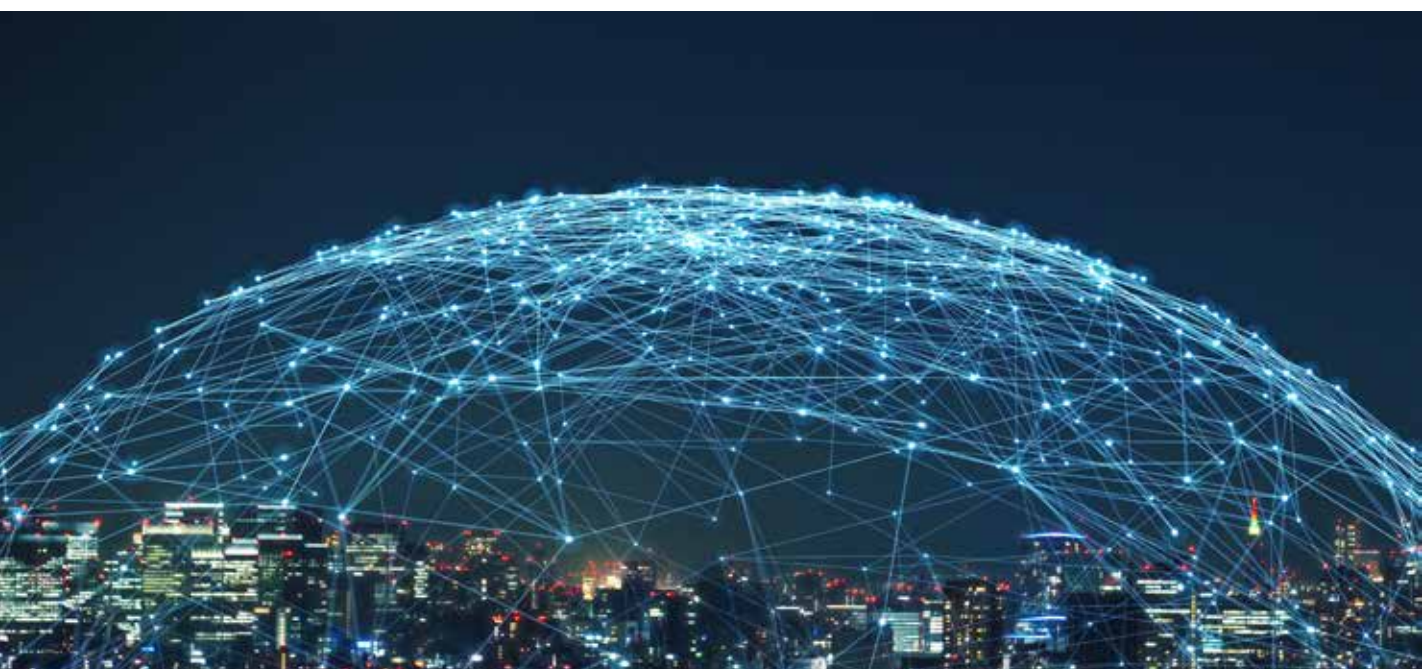
**Kontrolmatik gives visibility to its customers' assets with its internet of things and data analytics solutions.**

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Risk management: Sensors monitor environmental factors and can alert facilities and operation managers when unsafe conditions arise. With these systems, it becomes possible to detect security threats and response speed. Companies can also follow compliance regulations in this way.

With its products and services developed specifically for the needs of industries and projects, and providing end-to-end digital solutions, Kontrolmatik implements turnkey projects with sensors and software developed by itself in the field of Internet of Things. Some of the solutions offered by the Company are as follow:

- Consultancy: Industry 4.0, industrial internet of things, internet of things consultancy and analysis services
- Custom application development: Custom dashboards, web pages, mobile and web applications for the need of visualization of internet of things
- Internet of Things software and hardware: Delivering the most advanced software and hardware needed through partnerships with the giants of the IT and OT world
- System integration:
- Field services





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Kontrolmatik provides end-to-end turnkey solutions starting from the engineering and design phase to supply, field assembly, calibration, testing and extending to commissioning processes in industrial instrumentation solutions.

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#### INSTRUMENTATION AND MECHANICAL SYSTEMS

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Instrumentation makes it possible for facilities to smoothly operate, to monitor the operation and control the operation in accordance with process requirements. Use of correct instrumentation and its integration with control systems play a vital role for both employee and process safety.

Kontrolmatik provides end-to-end turnkey solutions from the the engineering and design phase to supply, field assembly, calibration, testing and commissioning processes in industrial instrumentation solutions. Company produces control systems and right integration projects as well as instrumentation projects.

The services provided by the Company in instrumentation engineering and design are as follows:

- Instrumentation package supply
- Instrumentation, mechanical and electrical installation services
- Instrumentation start-up and commissioning and calibration services

With the services it provides, Kontrolmatik eliminates the worries of the companies about communication and coordination between different brand products and ensures that their project managers take timely action in the selection of the instrumentation package and ensure smooth integration.

## PRODUCTS AND SOLUTIONS

## EXPERT STAFF FOR TEST AND COMMISSIONING

Kontrolmatik carries out its testing and commissioning works with its expert engineer staff with the High Voltage Test Truck, which is one of the few in Turkey.

Having certified its employees in GIS and cable products, Kontrolmatik provides testing and commissioning services to its customers in three continents as well as in Turkey.



### TEST AND COMMISSIONING

Kontrolmatik carries out all test and commissioning work of the products and systems for its customers' projects, from the factory acceptance stage to the commissioning, with its expert engineer staff and test equipment in accordance with international standards.

In addition to test equipment, testing and commissioning services are provided in GIS substation and underground power cable projects up to 500 kV voltage level, with a small number of mobile test vehicles in Turkey. Having certified its employees in GIS and cable products belonging to many international manufacturers, Kontrolmatik provides testing and commissioning services to its customers in three continents as well as Turkey.

Some of the Company's test and commissioning solutions include:

- Primary tests (Open switchgear / GIS switchgear)
  - YG switchgear test maintenance and repair
  - YG underground power cable testing, maintenance and repair
  - Current transformer maintenance, control and electrical tests
  - Differential maintenance, control and repair

- Predictive maintenance, control and electrical tests
  - Voltage transformer maintenance, control and electrical tests
  - Rotary machines testing and maintenance
- Secondary tests
  - Protection and control relay tests
  - Protection and control relays settings and tests
  - SCADA control systems
- Primary frequency and secondary frequency control performance tests
  - Governor PFK TEİAŞ peripheral services standards compliance tests
  - Power plant control system SFK TEİAŞ peripheral services standards compliance tests
- Reactive power control and support performance tests
  - Generator excitation system reactive power control and support tests
  - Compliance tests with RGK TEİAS standards
- PSS (Power system stabilizer) tests
  - PSS modeling
  - PSS performance tests
  - Parameter optimization
  - TEİAS reporting
- Generator maintenance tests
  - Stator and rotor analysis with robot inspection
  - Generator short circuit and open circuit tests
- Generator excitation system tests
  - Voltage regulator performance and limiter tests
  - Control system maintenance tests
  - Thyristor and rectifier tests

## ENERGY STORAGE SYSTEMS

Kontrolmatik manufactures its energy storage systems on a turnkey basis in its factory in Ankara. It is planned that the energy storage system solutions will be provided by Pomega Enerji Depolama Teknolojileri A.Ş., a 100% subsidiary of Kontrolmatik after 2022.

Pomega Energy Storage Systems (PESS), using the world-proven prismatic lithium iron phosphate technology, are systems that store the energy produced at any time and with any energy source, and enable it to be reused at the desired place and time. The main purpose of PESS for electrical networks is to convert, store electrical energy into a form to be stored and transfer it back to the grid as electrical energy when necessary. PESS is installed with control and management systems to support a reliable operating process. The aim is not only to provide local control, but also to provide coordinated control of equipment throughout the national grid. PESS can charge and discharge itself to reduce energy costs and control demand load.

Some of the prominent features of the provided systems are as follows:

- **Separability:** PESS responds to the daily, weekly or seasonally changing load profile and demand load and works according to the need.
- **Intermittent Operation:** PESS responds rapidly to the intermittent generation profile of distributed generation units based on renewable energy such as wind and solar energy sources and fluctuations in the output power of other generation units.
- **Productivity:** PESS minimizes the losses in the charge/discharge process.
- **Long lifetime:** With its advanced battery management system, PESS has a longer lifetime than its counterparts.
- **Environmentalist:** It has a more environmentally friendly and safe technology with its lithium iron phosphate battery cell.



The system provides many advantages to users. The most important of these are as follow:

- **Power Plants:** Renewable power plants, with their discontinuous structures, are unstable and sometimes variable during the day. It has unpredictable production profiles. The biggest reason for this is that the effect of generation resources (solar, wind, hydro, etc.) on renewable energy plants is constantly variable. However, in a world where carbon emissions are sought to be reduced, PESS provides unique opportunities to maintain renewable energy-based generation and require fewer conventional power generation facilities on the grid. With PESS, excess production can be stored during the day and used when production decreases.
- **Hybrid Power Plant Applications:** PESS is the missing piece of the puzzle in using 100% renewable energy. It is a unique option to supply electricity from wind and solar hybrid power plants at maximum efficiency and for the future zero carbon target.
- **Arbitrage Options:** With PESS, electricity can be purchased at night when the price is low, and sold when the price is high.
- **Demand/Capacity Control Options:** Likewise, electricity purchased at night when the electricity price is low can be used during demanded hours.
- **Load Switching:** Grid demand values always have a duck curve diagram on the consumption side. The most striking fact is that consumption will increase relatively more during demand hours. The stored energy can be used to flatten the graph.
- **Peak Leveling:** Peak leveling is a useful option for certain periods and special uses. This option aims to correct and stabilize the relatively low energy compared to other options.
- **Microgrid Option:** PESS provides a comprehensive choice for local needs. This option is important for temporary sites such as rural areas, off-grid installations, blocks, mining sites and construction sites.
- **Frequency Control:** Primary and secondary frequency control is important for network security. PESS provides the opportunity to perform frequency control on the network without any problems.
- **EV Charging Support:** Electric vehicle charging points are additional charges for the existing power grid. Energy storage option, prevention of negative effects of e-mobility on the grid is a rational alternative.



## PRODUCTS AND SOLUTIONS

# TURNKEY MOBILE ENERGY SYSTEMS

Kontrolmatik provides end-to-end mobile solutions from engineering to manufacturing, from factory tests to field installations and commissioning at its production facilities in Ankara.

With its e-house and compact solutions, Kontrolmatik completes all systems from planning and engineering to installation and commissioning in its factory, and provides plug and play solutions in the field.

## E-HOUSE (ELECTRIC ROOMS)

Kontrolmatik manufactures domestic compact mobile electricity distribution centers especially for facilities such as power plants, factories and mines in its Ankara factory. The system, called e-house, is a prefabricated electrical room that is pre-commissioned as a standardized or customized mobile unit depending on the particular application. It is a sub-system in the electrification infrastructure of a facility, consisting of various products, all electrically and mechanically interconnected. E-House is a modular system that includes medium voltage AIS/GIS switchgears, distribution transformers, MCC and LV switchboards, variable frequency drives, HVAC, firefighting, lighting and all internal connections.

With its e-house and compact solutions, Kontrolmatik completes all systems from planning and engineering to installation and commissioning in its factory, and provides plug and play solutions in the field.

The advantages of the system are as follow:

- It can be completed in a shorter time than conventional solutions
- Decreases the engineering and design phase
- Easy integration (plug-and-play) reduces installation time in the field
- It can save space instead of using buildings
- It can be designed in ISO standard or special sizes
- Site conditions do not affect the delivery time
- It can be transported after the end of the facility's useful life.
- It reduces cable cost between integrated equipment
- Test and commissioning time is shortened with pre-commissioned e-houses

The modular electrical room (e-house) services provided by the Company are as follows:

- Whole system design
- Design and manufacture of control protection panels
- Container manufacturing
- Pre-commissioning assembly works at the factory
- Testing and commissioning
- Supervisor service



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Mobile substations manufactured at Kontrolmatik's Mobile Solutions Factory in Kahramankazan, Ankara, are sold in many geographies such as the Middle East and Africa, thereby generating export revenue for the country's economy.

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#### MOBILE SUBSTATION

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At ITS Mobile Solutions Factory, in Ankara, Kontrolmatik manufactures turnkey mobile substations from its engineering, equipment supply, installation and integration, factory and on-site testing and to commissioning.

This system is an electrical substation mounted on one or more trailer. Mobile substations are usually preferred in the following cases:

- When an emergency power supply is required
- In military camps
- As a spare unit in case of war or natural disaster
- For planned construction, maintenance and inspection Programs when service continuity is required
- For over-capacity needs

Designed by the experienced engineering teams of Kontrolmatik, mobile substations contain all the necessary components for a substation to supply power and provide easy and flexible solutions to customers. Substations can be designed according to the needs of the projects. There are different types of centers such as 220/33kV, 170/36kV, 132/33kV, 132/11kV (16-45MVA), 33/11kV (5-16MVA). The systems that are generally used when a temporary power supply is required add value to companies owing to their long lifetimes.

Manufactures mobile substations are sold in many geographies such as the Middle East and Africa, bringing export income to the country's economy.

## PRODUCTS AND SOLUTIONS

## OFF-GRID MOBILE ENERGY PRODUCTION

Hybrid power generation units developed by Kontrolmatik provide off-grid power generation under all conditions.

The electricity generated from the sun and wind in the environment with mobile hybrid power generation units can be used instantly if desired, or stored in lithium batteries to be used when needed.

### MOBILE HYBRID POWER GENERATION UNITS

Kontrolmatik provides sustainable energy production anywhere with its mobile hybrid power generation units developed by the engineering department, which enable off-grid energy production under all conditions.

Mobile hybrid power generation units enable you to have decentralized and off-grid power generation units with sustainable and renewable resources for your energy needs. These containers are integrated mobile power generation systems with movable solar panels, wind turbines that can rotate according to the wind direction, assisted with high efficiency diesel generator and lithium battery cells.

The electricity produced from the sun and wind in the environment is used instantly if desired, or stored in lithium batteries to be used when needed. The units, which are supplied as plug and play, can start production within minutes after reaching the site, and can be used as needed. Systems that do not need an additional connection become ready for electricity use at the desired voltage level.

The most common usage areas of mobile hybrid power generation units are as follow:

- Fast electricity supply at construction sites and mine sites
- Uninterrupted electricity for villages, towns and sites that are not connected to the national grid.
- Year-round use in agriculture and livestock, as well as pumping stations
- Feeding of electric vehicle condition units where infrastructure is not supported
- Meeting the sudden electricity needs of individuals, institutions and countries in natural disasters and extraordinary situations

The units produced at the Mobile Solutions Factory in Ankara are presented with a turnkey approach from engineering to testing and commissioning.





## RESEARCH AND DEVELOPMENT

# WORKS BRINGING A COMPETITIVE ADVANTAGE

Kontrolmatik invests in innovative technologies by conducting R&D studies for a sustainable, carbon-neutral and green future.

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**Kontrolmatik's R&D works focus on energy storage solutions, internet of things, collaborative robot arm technologies and renewable energy. These efforts will reduce foreign dependency in critical sectors and bring competitive advantage to the country and the Company.**

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Allocating a minimum of 3% of its turnover to research and development, Kontrolmatik has been carrying out its R&D studies by taking into account the demands coming from domestic and foreign markets since its establishment.

Kontrolmatik has adopted an innovative and entrepreneurial firm model. As a result, it attaches importance to research. For this purpose, it develops policies, makes strategic planning, allocates resources for the development of the research ecosystem, and takes the necessary precautions. These works are carried out in line with the directive for the regulation of incentives related to the support and development of scientific research. Specific incentive themes are determined for Kontrolmatik's research works, it has focused on these themes.

Within the scope of R&D activities, works are carried out on four subjects in particular:

- Production of LiFePO<sub>4</sub> (LFP), other green technologies, and Lithium-ion battery
- Communication, information security and internet of things - IOT industrial communication systems
- Robotic technologies – development and production of collaborative robot arm and user interface
- Renewable energy systems

### Energy Storage Solutions

The use of lithium-ion-based structures, which is an innovative technology, is rapidly increasing on a global scale. It is clear that progress in this field continues in our country as well. These systems can be used for electricity-based transportation systems, balancing renewable energy, improving grid factors and meeting possible instantaneous demand forces. In this sense, Company enables energy storage solutions to be realized by means of different intermediates and final products from cell size to network scale.

It continues to work on the production of lithium iron phosphate (LiFePO<sub>4</sub>) type battery cells, which is a commercially competitive and environmentally friendly technology for energy storage activities. Lithium-ion technologies that do not contain non-environmental elements such as cobalt, cadmium, nickel, lead, obtaining electronic systems including balancing and protection systems for battery cells, obtaining electronic converter systems required for grid-scale storage and special-purpose energy storage systems, and energy storage cells Integration of electronic structures and related software are other fields of activities.

## RESEARCH AND DEVELOPMENT

# THE WAVE OF FUTURE IN SYSTEM DESIGNS

Kontrolmatik works on systems designed with the wave of the future, such as the internet of things, collaborative robot arms, floating platforms for solar power plants.

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**Today, the Industry 4.0 process, nourished by digital transformation and advanced production techniques, shapes the function and job descriptions of the new generation industrial robots which will work in smart factories.**

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**Internet of Things**

It is an inevitable fact that the use of the Internet significantly changes our daily lives by increasing communication, information sharing and interaction between people. As a result of the researches, it is stated that 55 billion internet-supported smart sensor systems will be used worldwide in 2025. It is estimated that the existing capacities will be insufficient with the increasing demand.

The new technological concept, called the Internet of Things, is defined as the intelligent connection of smart devices through things that can sense and communicate with each other. This technology. It is possible to monitor almost all events and gather information in our environment (home, school, workplace, factory, city, etc.) with a large number of small-sized, wireless technology-enabled sensing (sensor) devices.

Kontrolmatik continues active works on internet of things systems. In this context, it is aimed to develop smart sensor systems, innovative technology and solutions, high efficiency electronic cards, software systems and mechanical designs with limited domestic production in our country, which are heavily needed in the domestic and foreign markets in the medium term.

**Collaborative Robots**

The R&D Center's internet of things technologies team provides the design of units developed with a communication unit equipped with smart sensors and the development of existing systems for remote monitoring of mechanical, manual machines and units without data output that cannot be measured remotely.

Today, the Industry 4.0 process, nourished by digital transformation and advanced production techniques, shapes the function and job descriptions of the new generation industrial robots that will work in smart factories.

Cobots or collaborative robots are robots that can interact with humans in a collaborative space and work safely. Thanks to the feedback received by the robot in any intervention during collateral working, it can stop without damaging the environmental factors. In this way, it can work safely with people.

One of the main fields of activity of Kontrolmatik in the field of R&D is robotic systems. In this context, the Company continues to work on the development of collaborative robots. The developed collaborative industrial robots will play an important role in the flexible production system by working in the same environment with the operator in a division of labor.

Advanced robotic systems and collaborative industrial robots, which are considered to provide the most added value in Turkey, is one of the important areas of 4.0. The interaction of collaborative industrial robots with operators and other robot control systems via the internet of things (IoT) is expected to form the basic structure of the production systems in the smart factories of the future.

### Renewable Power Generation

Kontrolmatik harnesses its deep-rooted engineering experience with innovative approaches and continues its renewable energy system works within its R&D center. In all energy systems sub-headings covering the fields of electricity generation, transmission, distribution, consumption and management, it is aimed to develop efficient, reliable and economical products and services that will reduce Turkey's foreign dependency and meet the needs of stakeholders in the global market.

Kontrolmatik focuses on renewable energy systems for this goal and works to provide system solutions covering R&D, design, production, integration and after-sales support. In this context, works on floating platforms that can be used in floating platforms for solar power plants projects continue. Prototype design, aero-hydrodynamic performance research and structural analysis of the products have been completed. In the short term; It is aimed to start production development activities by floating the 1:1 prototype of the resulting design in the pool built in the Ankara factory. It is aimed to reduce the machine design and assembly steps of the metal structure to the optimum time, which will shorten the production time of the floaters.

In the medium term; In order to ensure the installation of the floating platforms for solar power plants at the location where it will be put into operation, it will



be ensured that the assembly line is designed under conditions suitable for the modules. Using the appropriate number of boats to be determined, within the scope of the consultancy service received from Yıldız Teknik Technology Transfer Office, the grid fan to be added in the wave pool of Yıldız Technical University will be tested for the effects of wave and wind, and at the end, the optimization of the anchoring -mooring method to the whole system will be registered. In the long run; solar tracking in floating solar systems and the movement of the tracking system will be modeled according to the wind-solar utility ratio. It is aimed to make floating SPP designs that can be operated in open sea conditions. In addition, it is planned to carry out works on wind turbines for renewable energy systems in the medium-long term.

All R&D activities carried out are regularly documented and stored as know-how in order to ensure efficiency and permanence. Kontrolmatik is aware that the most basic source of development and progress is employee development. In this sense, investment plans and incentives are provided for the development of employees. All employees are encouraged to continue their postgraduate education in R&D activities. In order for the Company to achieve its R&D targets, a minimum of 40 hours of technical training per year is set for the employees. Participation in symposiums, congresses, conferences, seminars and fairs is supported administratively and financially by the suggestion of R&D Center managers or employees. The company aims to increase the number of R&D Center employees in the coming years, and to increase the rate of graduate employees in this regard.

## PROJECTS

# PROJECTS PROVIDING FOREIGN CURRENCY INFLOW

Kontrolmatik has been providing considerable amount of foreign currency inflow to the Turkish economy with its significant projects since the day it was founded.

Kontrolmatik provides considerable amount of foreign currency inflow, while ensuring competitive advantage to its customers through the projects it accomplishes in various industries from energy to transportation, in a wide geography stretching from Africa to Asia.

## PROJECTS SIGNED IN 2021

### Energy Distribution

#### TEİAŞ - Power Transformer Procurement

Kontrolmatik won the tender with the price of 18,367,000,00 TL for the Procurement of 4 units of 154/33.6 kV, 50/62.5 MVA Power Transformers and Spare Materials held by Turkish Electricity Transmission Corporation (TEİAŞ); and it continues its activities not only in turnkey projects but also in material supply projects, both in domestic and abroad and provides solutions to foreign projects. Adding value to projects with the right procurement management, the Company provides end-to-end solutions in every field of energy and technology.

#### DEDAŞ - Diyarbakır LV/MV Electrical Installation Work

DEDAŞ, Diyarbakır LV/MV Electrical Installation Work Company signed the contract with the price of 14,018,692.29 TL as a result of the "Diyarbakır 3<sup>rd</sup> Group 2021 LV/MV Electricity Plant Construction Work" tender held by Dicle Elektrik Dağıtım A.Ş. (DEDAŞ) – and it quickly started the project. producing turnkey solutions in areas of all voltage levels from low voltage to high voltage, Kontrolmatik stands by its customers in every geography.

#### DEDAŞ - Batman LV/MV Electrical Installation Work

Company signed the contract with the price of 20.284.997.67 TL as a result of the "Batman 6<sup>th</sup> Group LV/MV Electricity Plant Construction Work" tender held by Dicle Elektrik Dağıtım A.Ş. (DEDAŞ) and it has accelerated its efforts to achieve a healthier infrastructure in the region harnessing its experience in Southeast and East Anatolia.

#### DEDAŞ - Mardin LV/MV Electrical Installation Work

Company won the "Mardin 2<sup>nd</sup> Group 2021 LV/MV Electricity Facility Construction" tender held by Dicle Elektrik Dağıtım A.Ş. (DEDAŞ) with the price of 30.560.677,47 TL and Kontrolmatik took the Mardin project in the region after Diyarbakır and Batman and expanded the project sites. From engineering, material procurement, site applications to testing and commissioning and training, Kontrolmatik provides value-added solutions at every level, and continues to operate with its strong project management team.



## Mobile Solutions

### 9 Mobile Substations

Kontrolmatik, delivering its solutions to many parts of the world with its Mobile Solutions Factory in Ankara, signed a contract with a foreign customer for the turnkey supply of 9 units of 33/11 kV mobile substations for a price of 2,018,250 USD and increased its number of projects in mobile substation solutions.

### General Electric - E-House Orders

Production of e-house products to be used in General Electric's Israel and Ivory Coast projects continues at the Mobile Solutions Factory in Ankara. Engineering, manufacturing, testing and commissioning will be carried out on a turnkey basis at Kontrolmatik's facilities, in this way, time and cost savings are achieved at the project sites.

### 7 units Mobile Substations

Based on the contract signed with a foreign customer in exchange for USD 7,079,580 in 2021, 7 units of 132/33kV 45 MVA mobile substation will be delivered. Engineering, procurement, assembly, testing and commissioning of the related products will be carried out on a turnkey basis at the Mobile Solutions Factory in Ankara and will be completed in 2022.

### Iraq MoE - 3 Units of Mobile Substations

At the Mobile Solutions Factory in Ankara, 3 units of mobile substations each with a capacity of 132/33kV 45 MVA, all of which were produced on turnkey basis, were completed in a short time and sent to the regions where energy distribution was needed. in 2021

The mobile substations were produced upon the contract signed with the Iraqi Ministry of Energy in exchange for a World Bank loan of USD 2,850,000 and they were successfully delivered to the regions where they were planned to be used.

Mobile solutions, which can be commissioned shortly after delivery, are produced according to international standards in accordance with all kinds of geographical and climatic conditions.

## Power Generation Transmission and Distribution

### Odaş - 174 MW Harezm Combined Cycle Power Plant

With the 174 MW Harezm Combined Cycle Natural Gas Plant investment made by ODAŞ Enerji in Harezm, Uzbekistan, the energy infrastructure of the region continues to strengthen. In this project, Kontrolmatik undertakes turnkey delivery of machinery, turbines, and substations in the 174 MW power plant installed in Turkey, and all technology packages as well as dismantling, maintenance, project design for the new location and installation and implementation in Uzbekistan in accordance with the project and construction scopes required for the new power plant, energy transmission line, high voltage cable and counter center substation. For this project, which requires reverse engineering and high project management experience and know-how, a contract was signed in exchange for USD 30,133,500. The project, which started in 2021, is planned to be completed within 2022.

### Cengiz/Cenargo LLC - 240 MW Cenargo Combined Cycle Natural Gas Power Plant

A contract was signed with Cenargo LLC in 2021 in exchange for USD 1,831,831 for the high voltage works of the 240 MW Combined Cycle Natural Gas Power Plant to be established by Cengiz Energy in Uzbekistan. The project will significantly contribute to the energy supply of Uzbekistan. With the project planned to be completed within 2022, Kontrolmatik has increased its dominance in the region and the number of projects, It also provides local development to Uzbekistan by transferring its experience gained in 28 countries.

## Substation and Energy Transmission Line

### 90 kV Substation and Energy Transmission Line

A contract in exchange for 1.1 million Euros was signed for the installation, testing and commissioning of 14 km 90 kV high voltage power transmission line projects in Gabon, including the 90kV substation. By completing the project in 2022, Kontrolmatik will contribute to the energy supply of the region. Despite the challenging climate and ground conditions, the project is being implemented by minimizing the risks with the right project management.

### Vertra Iron and Steel - 420 kV GIS Gas Isolated Substation

With the project, which will connect the Vertra Iron and Steel Factory, the construction of which was started in Ceyhan, Adana, to the national grid at high voltage level, it is aimed to contribute to the increase in the iron-steel production capacity in the country. Within the scope of the 420 kV 63 kA GIS gas isolated substation project, a contract in exchange for USD 6.3 million + VAT was signed. Within the scope of the project, basic and detailed design and engineering, high voltage GIS equipment supply, og switchgear supply, control and protection system, IEC 61850 based switchgear control systems, telecommunication system, all mechanical and electrical assembly, high voltage testing and commissioning will be completed on a turnkey basis.

### Iraq Kalar Steel Factory 132 kV Substation

Between the company and a foreign customer; an international sales contract valued at USD 4,150,000 was signed for the construction of the Iraq Kalar Steel Factory substation. With the construction of a 132/33 kV 2×50 MVA capacity substation, the steel plant, which is planned to have a cleaner and uninterrupted energy supply, will be able to meet the steel needs of the region locally.

## PROJECTS

# SAFE ENERGY INFRASTRUCTURE IN THE WORLD

Kontrolmatik establishes a safe energy infrastructure with the projects it has started all over the world.

The construction of the Substation and Energy Transmission Line project, which was started by Kontrolmatik in Gabon, is being implemented despite the harsh climatic and ground conditions by minimizing all the risks.

**Sogem - 225/30 kV Bakel Substation**

Kontrolmatik won Lot 1 in the World Bank Group, International Development Association credit tender held by Manantali Energy Management Company (SOGEM), and undertook the construction of a substation with a capacity of 225/30 kV-20 MVA. A contract in exchange for Euros 1,803,000 was signed for the project, with site works in Bakel, Senegal.

**Ferrochrome Production Facility - 154 kV Gümüşpınar Ferrochrome Substation and Energy Transmission Line**

The 154 kV Gümüşpınar Ferrochrome substation and power transmission line projects which will enable the Ferrochrome Facility to be established in Orhaneli District of Bursa province to be connected to the national grid and supply energy will be implemented in exchange for US\$ 2.4 million + VAT, including engineering, material supply, installation, testing and commissioning. Kontrolmatik will continue to expand its mining solutions with this facility, which will increase the ferrochrome production capacity in our country.

**Control Systems****EÜAŞ - Kapulukaya HEPP Warning Renewal Project**

Kontrolmatik, which participated in the "Renewal of Kapulukaya HEPP Warning Systems" tender held by Elektrik Üretim A.Ş. signed a contract in exchange for Euros 564.500 excluding taxes. Kontrolmatik, which will implement the warning system renewal project by using its knowledge and experience from years, continues its activities in renewal and rehabilitation projects of existing power plants as well as new investments.

**Çanakkale OSB - Electrical Superstructure Modernization and SCADA Installation**

The Company won the tender for the Electric Superstructure Modernization of the Çanakkale Organized Industrial Zone and the Installation of the SCADA Program and the Supply of Control Systems, held by the Çanakkale Organized Industrial Zone Directorate, and signed a contract worth 4.467.000 TL + VAT. Kontrolmatik, which has added a new one to the many projects it has carried out in organized industrial zones until now, provides especially efficient and sustainable energy infrastructures.

### MoE KRG - SCADA and Communications Project

In the project, which was signed in 2021 to expand the SCADA Regional Control Center affiliated to the Iraqi KRG, Ministry of Electricity, which will include 270 substations, and to establish three new control centers, engineering and design services will be provided; communication system (infrastructure and optical and radio connection based on SDH, underground fiber, OPGW connections) protection and control system and energy management systems will be established. When the project is completed, it is planned to make the energy infrastructure in the region more efficient and trouble-free. A contract amounted USD 37,983,037 was signed for the project.

### Libyan Electricity Authority - DCS Rehabilitation Project

Within the scope of rehabilitation of Libya high voltage substations and the national control center DCS a contract amounted USD 1,075,000 was signed with the Libyan Electricity Authority in 2021. With the project that will continue in 2022, After the works to be carried out in the substations subject to the contract, central monitoring and control of the facilities will be ensured, and a secure energy infrastructure will be established.

### Transportation

#### Construction Site Electricity Supply Project for Mahmutbey - Esenyurt Bahçeşehir Metro Line

Temapark Station With its works within the scope of the project, Kontrolmatik continues to increase its references in the transportation industry. The project, which is planned to be completed in 2022, consists of obtaining permits, engineering works; from project design to implementation, testing and commissioning; and it will be implemented on a turnkey basis.

**Kontrolmatik provides productive and sustainable energy infrastructures.**



## PROJECTS

# WE INCREASE OUR ENERGY WITH OUR COMPLETED PROJECTS

With the projects completed in 2021, Kontrolmatik continued its sustainable growth and carried its successful graph even higher.

**Toros Tarım Substation, Salcomp, Iraq MoE, Aksa Combined Cycle Power Plant, Faizabad Hydroelectric Power Plant, Burkina Faso Kossodo Power Plant and Iraq Ministry of Energy Substation are some of the projects completed in 2021.**

## SOME OF THE PROJECTS COMPLETED IN 2021

### Digital Factories

#### Salcomp - Xiaomi Istanbul Mobile Phone Factory

Kontrolmatik, having set up the Salcomp Mobile Phone factory, which will produce Xiaomi products in Avcılar, Istanbul, and which is planned to produce more than 5 million phones a year and employ close to 2 thousand personnel, on a turnkey basis, has increased its contributions in the technology industry. Electrical, mechanical and construction works were completed at the beginning of 2022, combining quality and speed, based on the contract signed at the end of 2021. Adding a new one to its references in digital factories, Kontrolmatik continues to increase its end-to-end digital solutions in turnkey factory investments.

### Mobile Solutions

#### Iraq MoE - 3 Units of Mobile Substations

3 units of mobile substations with a capacity of 132/33kV 45 MVA, all works of which were carried out on a turnkey basis at the Mobile Solutions Factory in Ankara, were completed in a timely manner and delivered to regions in need of energy distribution. The mobile Solutions, which are quickly commissioned and used after being delivered to the regions

where they were planned to be used, are produced according to international standards in accordance with all kinds of geography and climatic conditions. Solutions, which are quickly commissioned and used after being delivered to the regions where they were planned to be used, are produced according to international standards in accordance with all kinds of geography and climatic conditions.

### Power Generation, Transmission and Distribution

#### Aksa-470 MW Combined Cycle Power Plant

Kontrolmatik contributed to the energy supply of the region by connecting the 470 MW combined cycle power plant invested by Aksa Energy in Tashkent, Uzbekistan to the national grid of Uzbekistan and by energizing the 110 kV 15-feeder substation, where it can transmit the energy it produces, in 2021. With this project, which is one of the important power plants in the region, the installed power plant capacity of Tashkent, the capital of the country, has increased. The region will have a more reliable infrastructure with these power plants that will operate for many years without any problems.

#### Faizabad Hydroelectric Power Plant

With the completion of the hydroelectric power plant in Afghanistan's northeastern Badakhshan province, thousands of families received electricity





and thousands of acres of land were irrigated. In this project, Kontrolmatik, provided all electromechanical packages and digital systems and commissioned them on a turnkey basis, except for the construction and turbine. Faizabad residents showed their happiness by sharing the illuminated images of the city on social media thanks to this long-awaited project.

#### **Burkina Faso 50 MW Kossodo Power Plant**

All the works of the 50 MW Kossodo HFO power plant in Burkina Faso, including all the electrification and control systems works, the construction of the substation that will connect the power plant to the national grid, engineering, material supply, assembly, testing and commissioning, were completed in 2021 on a turnkey basis. With the commissioning of the power plant, Kontrolmatik contributed to the energy infrastructure and supply security of the region.

#### **Iraqi Ministry of Energy - 4 Units of 132 kV Substation**

Kontrolmatik, making another contribution to the development of the energy infrastructure in Iraq, played a key role for the region to reach health energy. Within the scope of the rehabilitation and renewal of 3 units of AIS (air insulated) and 1 unit of GIS (gas insulated) 132 kV voltage level substations, financed by KFW, one of the largest projects a Turkish contractor in the energy sector signed. In recent years, substations were successfully energized in 2021. With this project, where all primary and secondary scopes were renewed and commissioned, Energy supply in the Ninevah region was provided.

#### **Toros Tarım - 154 kV Tayseb Substation**

Mersin Production Facility, one of Toros Tarım's three fertilizer production plants, is located in the east of Mersin city center, very close to Mersin Port. In the project, which enables the

above-mentioned facility to be connected to the national grid at high voltage level, Kontrolmatik has implemented the scope of the 154 kV Tayseb substation on a turnkey basis. Adding a new one to the projects it has completed in agriculture and fertilizer facilities, Kontrolmatik completed the facility in 2021.

#### **Malawi Tedzani IV Hydroelectric Power Plant**

The power plant is a complex of integrated hydroelectric power stations on the Shire River in Malawi. Power plant capacities were implemented in stages. The first phase Tedzani I was completed in 1973 and the last phase Tedzani IV was completed by us in 2021 E-BoP within the scope of transmission line and substations.

## PROJECTS

# PROJECTS SHAPED WITH CUTTING EDGE TECHNOLOGY

Kontrolmatik continues to conduct its ongoing projects with its staff having high expertise and professional competencies in their field.

Kontrolmatik has various ongoing projects from substations to energy distribution systems, from control systems to high voltage lines.

## SOME ONGOING PROJECTS

### Mobile Solutions

#### General Electric - E-House Orders

Production of e-house products to be used in General Electric's Israel and Ivory Coast projects continues at the Mobile Solutions Factory in Ankara. Engineering, manufacturing, testing and commissioning works are completed on a turnkey basis in Kontrolmatik facilities, thus saving time and money at the project sites.

#### 7 Units of Mobile Substations

Based on the contract signed with a foreign customer in 2021, 7 units of 132/33kV 45 MVA mobile substations will be delivered. It is planned to deliver the mobile substations in 2022, where the engineering, procurement, assembly, testing and commissioning of the relevant products will be carried out on a turnkey basis at the Mobile Solutions Factory in Ankara.

### Power Generation Transmission and Distribution

#### Cengiz Energy Combined Cycle Natural Gas Power Plant High Voltage Project

A contract was signed with Cenergo LLC in 2021 for the high voltage works of the 240 MW Combined Cycle Natural Gas Power Plant to be established by Cengiz Energy in Uzbekistan. With the project planned to be completed in 2022 and which will significantly contribute to the energy supply of Uzbekistan, Kontrolmatik has increased its dominance in the region and the number of projects, It also provides local development by transferring its experience gained in 28 countries to Uzbekistan.

#### Odaş Energy - Harezm Combined Cycle Natural Gas Power Plant Investment

The energy infrastructure of the region continues to strengthen with the 174 MW Harezm Combined Cycle Natural Gas Plant investment made by ODAŞ Energy in Harezm, Uzbekistan. In this project, Kontrolmatik undertook dismantling, maintenance, project design of all technology packages, machinery, turbines, and substations in the 174 MW power plant installed in Turkey and in the new location Uzbekistan in accordance with the project, as well as the necessary construction works for the new power plant, the power transmission line, high voltage cable and counter center substation works on a turnkey

basis. This project, which requires knowledge and experience with reverse engineering and high project management, started in 2021.

Kenya, Gitaru Hydroelectric Power Plant Rehabilitation Project With an installed capacity of 250 MW, Gitaru HEPP is Kenya's largest power plant and the largest hydroelectric power plant in East Africa in terms of installed capacity, meeting 10% of the country's energy needs. The facility, which has been operating since 1978, needs rehabilitation. Kontrolmatik continues to work on the rehabilitation of SCADA works along with the high voltage, medium voltage and low voltage systems of the entire facility, and rebuilding its technological infrastructure in accordance with today's technology.

#### **90 kV Substation and Energy Transmission Line**

Kontrolmatik signed a contract for the works of assembly, testing and commissioning of 14 km 90 kV high voltage energy transmission line projects in Gabon together with the 90kV substation, which will contribute to the energy supply of the region after the project is completed in 2022.

#### **90 kV Substation and Energy Transmission Line**

Kontrolmatik signed a contract for the works of assembly, testing and commissioning of 14 km 90 kV high voltage energy transmission line projects in Gabon together with the 90kV substation, which will contribute to the energy supply of the region after the project is completed in 2022.

#### **Kar-demir - 400 kV GIS Substation**

In the capacity increase investment of Kar-Demir Haddecilik in İzmir Aliağa, the turnkey construction of the 400 kV GIS (gas isolated) substation, which was made for the extra energy required, including the engineering, supply, assembly, testing and commissioning works, is being made by Kontrolmatik.

With this investment in Aliağa, which is a port area, exports will be increased. Kontrolmatik will continue to provide energy supply to customers with its solutions in heavy industry facilities under a single one point.

#### **Gümüşpınar Ferrochrome Substation and Energy Transmission Line Projects**

The 154 kV Gümüşpınar Ferrochrome substation and power transmission line projects which will enable the Ferrochrome Facility to be established in Orhaneli District of Bursa province to be connected to the national grid and supply energy will be implemented including engineering, material supply, installation, testing and commissioning. Kontrolmatik will continue to expand its mining solutions with this facility, which will increase the ferrochrome production capacity in our country.

#### **Vertra Demir GIS Gas Insulated Substation Project**

The project, which will connect the Vertra Iron and Steel Factory, established in Ceyhan, Adana, to the national grid at high voltage level, contributes to the increase in the iron and steel production capacity in the country. A contract was signed within the scope of 420 kV 63 kA GIS Gas Isolated Substation Project. Within the scope of the project, basic and detailed design and engineering, high voltage GIS equipment supply, MV switchgear supply, control and protection system, IEC 61850 based switchgear control systems, telecommunication system, all mechanical and electrical assembly, high voltage testing and commissioning will be completed on a turnkey basis.

#### **Internet of Things (IoT) Istanbul IGA Airport IoT Service**

Kontrolmatik launched one of Turkey's most prestigious Internet of Things (IoT) applications at Istanbul 3<sup>rd</sup> Airport IGA and collected and processed data from more than 3,000 meters in the center. Kontrolmatik, which also operates the system it already established, continues to increase its installation and operation activities in the field of IoT.

#### **Energy Distribution**

#### **DEDAŞ - LV/MV Electricity Plant Construction Work in 3 Provinces**

Kontrolmatik successfully completed the "Supervisory Control and Data Collection/ Distribution Management System (SCADA/DMS)" project, as well as the renewal of 138 substations in different provinces in the Southeast within the scope of the Electricity Distribution Network Rehabilitation Project of Dicle Elektrik Dağıtım A.Ş. Later on, with the 3 tenders it won, the LV-/ MV electrical plant construction works in Diyarbakır, Batman and Mardin under different contracts were completed in 2021 and it contributed to the renewal of the infrastructure of the region. With its experience in energy distribution lines and distribution centers, it plays an active role in Energy Distribution as well as its competence in Power Generation and Transmission.

## PROJECTS

# TO A SUSTAINABLE FUTURE WITH NEW PROJECTS AND NEW INVESTMENTS

Kontrolmatik continues to increase the variety of technological products and solutions needed by the industries through its new investments, while conducting its projects by efficient and sustainable approaches.

One of the ongoing projects of Kontrolmatik is the Electric Superstructure Modernization of Çanakkale Organized Industrial Zone, the Installation of the SCADA Program and the Supply of Control Systems.

## Çanakkale OIZ - Electrical Superstructure Modernization and SCADA Installation

Kontrolmatik won the tender for the Electrical Superstructure Modernization, SCADA Installation, and the Supply of Control Systems of the Çanakkale Organized Industrial Zone, held on 29.07.2021 by the Çanakkale Organized Industrial Zone Directorate, and signed a contract. Kontrolmatik, which has added a new one to the many projects it has carried out in organized industrial zones until now, provides especially efficient and sustainable energy infrastructures.

## Energy distribution and Control Systems

### MoE KRG - SCADA and Communication Project

Within the scope of the project signed in 2021 to expand the SCADA Regional Control Center affiliated to Iraqi KRG, which will include 270 units of substations and three new control centers; engineering and design services will be provided and the communication system (infrastructure and optical and radio connection based on SDH, underground fiber, OPGW connections), protection and control system and energy management systems will be established. When the project is completed, it is planned to operate the energy infrastructure in the region more efficiently and seamlessly.

## Transportation

Continuing its projects within the scope of Construction Site Electricity Supply Project for Mahmutbey - Esenyurt Bahçeşehir Metro Line Temapark Station, Kontrolmatik continues to increase its references in the transportation industry. The project, which is planned to be completed in 2022, will be implemented on a turnkey basis from obtaining the permits, engineering studies, implementation according to the project design, testing, and to commissioning.

The company also has developed many rail systems projects such as Çekmeköy-Sancaktepe-Sultanbeyli (CSS) Metro and Sarıgazi (Hospital)-Taşdelen-Yenidoğan (STY) Metro, Dudullu-Bostancı Metro, Ataköy-İkitelli Metro, TCDD Manisa-Bandırma Train Line, Kayaş-Yerköy YHT and it continues to develop solutions for its projects.



## INVESTMENTS

### Pomega Enerji Depolama Teknolojileri A.Ş.

Providing strategic solutions in the field of energy and technology, Kontrolmatik made all the plans for the realization of the groundbreaking ceremony of the lithium iron phosphate (LiFePO4) battery cell and energy storage systems factory, which will be Turkey's first private sector investment after the completion of its works, in January 2022 at Pomega Enerji Depolama Teknolojileri A.Ş. in Ankara Polatlı Organized Industrial Zone.

Pomega Enerji Depolama Teknolojileri A.Ş. will respond to the increasing demand of the industry by producing lithium iron phosphate (LiFePO4) battery cells, modules and energy storage systems. These products need high power energy storage; It will appeal to power plants, city grids, factories, electric vehicles, household applications and areas that require high power such as trucks, watercraft and trains.

With this investment, grid-level energy storage facilities, electric vehicle technologies and charging support systems, new technological applications, turnkey energy storage solutions for industrial facilities, renewable energy applications, residential applications and block installations will be realized.

### Contributing to Reducing External Dependency

With the said factory, the production opportunity of lithium iron phosphate (LiFePO4) battery technology, which is a very critical and strategic issue, will be provided to our country, and supply security will be ensured for domestic energy storage systems and subjects needed by different industries.

The factory will contribute to the reduction of imports for energy storage solutions. With this investment, it is aimed to contribute to the reduction of the current account deficit.

It is planned to complete the works in three phases, with an estimated investment of 180 million USD. Work continues for the first phase of the factory to become operational by the end of 2022. With the completion of the first phase, more than 250 people will be employed. With the completion of the third phase at the end of 2025, the capacity of the factory will reach 1,000 MWh and the number of employees will reach 600.

### Controlix

It was decided to continue the Internet of Things segment under the Controlix brand. Controlix platform developed by Kontrolmatik; capable of collecting millions of data, performing real-time analytics, is an interactive platform that can perform unattended operations. The company provides efficient and safe management of facilities and power plants with more than 25 sensors and cloud-based software developed by Controlix.

**Kontrolmatik continued its investments in 2021 without break.**



## SUSTAINABILITY APPROACH

# TRANSPARENT, INNOVATIVE AND SUSTAINABLE SOLUTIONS

Kontrolmatik uses technologies that are productive and have the least adverse impact on the environment in every field it operates. The Company reduces its carbon footprint with the solutions it develops, and provides the technological infrastructures that can operate with high efficiency in the facilities of its customers.

**Kontrolmatik's mission is to integrate sustainability into its business model while supporting its customers with products, services, tailor-made and turnkey solutions, sales and marketing & innovations as a 360-degree service.**

Kontrolmatik is committed to developing transparent, innovative and sustainable solutions that help its customers and partners to conduct business with a sustainable way with all aspects.

The mission of the company is to integrate sustainability into its business model while supporting its customers and partners with products, services, tailor-made and turnkey solutions, sales and marketing & innovations as a 360-degree service.

The company has already risen to the 28<sup>th</sup> place in the "World's Top system Integrators" list published by Control Engineering magazine in 2021, produces MV-HV mobile substations, e-houses, mobile hybrid power generation units and energy production units in its Ankara factory. With its mobile energy solutions such as storage systems, it provides electricity to people, and increase their living standards and well being, who are living in Africa, the Middle East and in many similar challenging geographies. the Middle East and many similar challenging geographies, increasing their living standards and well-being.

In this direction, Kontrolmatik continues its R&D studies without break, which will lead to sustainable, transparent and innovative works specific to the continuously digitized industrial planet. Kontrolmatik brands that have transformed into sustainable trademarks as a result of R&D studies are as follows:

### CONTROLIX

Kontrolmatik currently has sustainable technological products used in environmental monitoring. These solution products are grouped under the Controlix brand. Controlix is an IoT (internet of things) company with over 25 sensors, having both cloud software and hardware. Developed by the engineering team, the Controlix platform is an interactive platform that can collect millions of data, perform real-time analysis and perform unattended operations.

Environmental Monitoring is the most useful application of the internet of things. Controlix has advanced and innovative sensors that enable water and air quality monitoring, detection of water and energy leakage & efficiency, gas and odor, air quality, dust and particles, humidity and flame in the environment.

Controlix transforms products into a reliable sustainable tool for reducing and controlling environmental impacts, as well as protecting and saving endangered species.

### PROGRESIVA

Progresiva Yatırım provides high accuracy electricity purchase/sale services with its artificial intelligence and machine learning based software and products developed for the “Future”. In addition, by integrating with Energy Storage Systems, it can virtually combine many power plants and turn them into a larger capacity virtual power plant.

Progresiva will have grid connected to GIS (gas insulated, switchyard), and additional energy storage units with more efficient and sustainable LiFePO4 batteries. With this investment, depending on national grid demand, this system will be able to meet the emergency energy needs within seconds with its gigantic energy capacity.

### POMEGA

Providing strategic solutions in the field of energy and technology, and completed its studies in battery technologies and energy storage systems, Kontrolmatik is establishing a lithium iron phosphate (LiFePO4) battery cell and energy storage systems factory, which will be Turkey's first private sector investment.

#### It Will Help Reduce Carbon Emissions

Lithium iron phosphate (LiFePO4) battery cell is an innovative, heavy metal-free, efficient and sustainable product compared to conventional batteries containing heavy metals such as cobalt, iron, lead and mercury. The cells produced will not only be used in grid-scale energy storage and power plants, but also in household applications. Products up to the size of a combi boiler can be attached to the wall of the house. With the solar power plants to be installed in the houses, the excess electricity produced during the day will be stored in the batteries and the electrical energy needed will be used during the night. In this way, it is aimed to have a green and sustainable system that reduces

carbon emissions. In order to contribute to the circular economy, the factory is established with the principle of zero waste, including the reuse and recycling projects of lithium cells. The facility will have a rainwater storage system, so 20 thousand cubic meters of water will be saved. This water will be used both in the process and in the needs of the facility, so that minimum level of water will be outsourced.

Energy storage systems, which have an important factor in the spread and development of renewable energy sources, will play a leading role in the development of the green transformation targeted by Europe's Green Reconciliation action plan. In this direction, with the energy storage systems it has implemented, Kontrolmatik will provide solutions that will help reduce the damage to the environment in issues such as carbon emissions and global warming, which are in the first place in the Green Reconciliation action plan.

With the said investment, the company will make a significant contribution to the economy both by the expansion and development of renewable energy sources, and by improving the reliability, diversity and power quality in distribution systems. Pomega Enerji Depolama Teknolojileri A.Ş., which will bring renewable energy sources to the forefront in energy production plants, will also help reduce the environmental damage caused by carbon emissions by integrating into widespread hybrid power plants.

#### It Will Produce Its Own Energy

Heat in furnaces in the factory will be used, evaluated, heating elsewhere in the facility will be used to meet the needs of so waste heat recovery will be done. The roof of the facility will have solar panels, in this way, 40% of the energy needed will be produced.

The excess energy produced during the day will be stored in the batteries produced by Kontrolmatik and will be used during night shifts. Additional chemicals in the facility will also be included in the process again.

### PLAN-S

Plan-S Satellite and Space Technologies, a 25% subsidiary of Kontrolmatik, is one of Turkey's first private initiatives in the field of satellite and space technologies.

It signed an agreement to send three internet of things test satellites developed by Plan-S, a subsidiary of Kontrolmatik, which carries out works on the internet of things and satellite communication, into orbit with Space X Falcon 9 rockets in 2022.

With the project, which will be realized for the first time in Turkey, the satellites will create a broadcast network in Turkey and the surrounding region, process the sensor data collected from various sectors and send them to the earth.

### UN Global Compact Membership and SDG 2030 Goals

With its sustainable technological products, responsible production activities and turnkey services, Kontrolmatik currently promotes and promotes and contributes to many of the goals of the “2030 Sustainable Development Goals” determined by the United Nations.

## SUSTAINABILITY APPROACH

# ACTIVE WORK FOR 2030 SUSTAINABLE DEVELOPMENT GOALS

Kontrolmatik will apply to become an official member of UN Global Compact Turkey in 2022. The company aims to work actively for the 2030 Sustainable Development Goals from the moment its membership is accepted.

Kontrolmatik embraces environmental and social accountability at facility & office indoors, for communities outdoor, and for our planet beyond.

## THE GLOBAL GOALS For Sustainable Development



Source: 17 GOALS | Sustainable Development (un.org)

- promoting innovation in the technology industry (9)
- supporting the health of underwater ecosystems (6, 12, 14)
- supporting the health of terrestrial ecosystems (12, 15)
- contributing to climate change mitigation through responsible manufacturing facilities (12, 13)
- employing workers regardless of gender and supporting female workers (5)
- increasing the well-being of workers and surrounding communities (3)
- increasing the living standards and quality of people in areas without electricity (7, 11)
- providing customers and partners with ultimate sustainable solutions to help clean up surrounding streams, water sources, oceans and ecosystems (6, 12, 13, 14, 15)

Kontrolmatik will apply to become an official member of UN Global Compact Turkey in 2022. The company aims to work actively for the 2030 Sustainable Development Goals from the moment its membership is accepted.



### Kontrolmatik's Sustainability Approach

Since its establishment in 2008, Kontrolmatik has a very strong mission to provide sustainable technological products, special turnkey services, and technological services that will enable its customers and stakeholders to reach ultimate sustainable solutions.

For this reason, the company feels responsible for adopting a 360° sustainability approach in its business and partnerships.

- It is committed to act environmentally and socially accountable at facility & office indoors, for communities outdoor, and for our planet beyond.
- While performing all its operations and activities, it committed to act transparent and trustable to all our customers, partners, stakeholders, and consumers, by demonstrating all our operations and activities, and putting effort to enhance our products and services with globally recognized certifications, analyses, systems, which have tangible sustainable metrics.
- It supports sustainable design and blend sustainable inventions through all innovations and technologies it develops.
- It dedicates to extent its sustainable brand values to all partners, customers, stakeholders, and consumers, via its transparent, sustainable and effective communication at all media channels, where it does business and where the brand physically or virtually takes place.
- It strives to impose our sustainability values at all levels, to inspire all industries with its sustainability approach, by the help of its ever-growing technological sustainable solutions.

### Kontrolmatik's Sustainability Values

Kontrolmatik's Sustainability Values are based on four main approaches:

- **Productivity:** responsible production for our customers, partners, stakeholders, employees, and communities indoor, outdoor, and beyond.
- **Planet:** protect planet & ecosystem health, biodiversity by our sustainable products and services.
- **People:** respect to human rights, diversity & fair working condition; improve the quality of living standards of our employees and the community in the areas we operate.
- **Partnership:** carrying out sustainable, transparent and effective marketing activities and establishing partnerships for a better environment and healthy societies.

### PRODUCTIVITY

Kontrolmatik takes it as principle innovating sustainable technology solutions with trust.

- **Responsible Production and Customer Satisfaction:** Kontrolmatik prioritizes sustainability in its business model and processes. The innovation agenda is fully aimed at developing & implementing sustainable and trustable technology solutions, that improve resource efficiency and drastically reduce the environmental impact of its customers and partners in every step along their business activities. Kontrolmatik embraces its customers and partners' sustainability approach with all aspects accountably. All the requisites of guidelines and manuals, regarding environmental, social and occupational safety responsibilities are immediately implemented at production sites and field, level transparently and monitored continuously.

### PLANET

Kontrolmatik has adopted a comprehensive sustainability strategy that goes far beyond greenwashing.

#### • Pollution Prevention:

Kontrolmatik always act with the awareness of responsibilities towards ecosystem and the biodiversity of our planet. The company supports accountable and responsible producing through entire value chain; thinking and acting more comprehensive, both inside of the facility doors, where it needs to think of environmental performance and plant efficiency, as well as health, safety, and welfare of its employees.

#### • Environmental and Social Compliance:

Kontrolmatik adopts a comprehensive sustainability strategy that goes far beyond greenwashing. The company strives to ensure that all production facilities comply with national environmental and social regulations at minimum basis and put effort to adopt all necessary sustainable implementations.

#### • Global Verification:

Kontrolmatik focused on acquiring globally recognized certification that will endorse and help endorse its products and services as being transformative, trustable and sustainable technology with a positive impact on people and the planet. The company holds ISO 9001:2015, ISO 14001:2018, ISO:45001, ISO/IEC 27001:2017; EN ISO 3834 – 2 system certificates, and work on to adapt relevant globally recognized, updated, new and accredited sustainability certificates, which it believes support and strengthen its technical capability and transparent sustainable business model.

## SUSTAINABILITY APPROACH

# EVERY MEASURE IS TAKEN FOR THE HEALTH AND SAFETY OF EMPLOYEES

Considering the occupational health, safety and security of its employees, Kontrolmatik takes and implements all necessary safety measures to minimize accidents at work and construction sites.

All products of Kontrolmatik brands are designed and produced with fully environmentally friendly and sustainable manner.

## PEOPLE

Kontrolmatik respects human rights, diversity and fair working conditions.

- **Employees:** Kontrolmatik is a fair-minded and impartial company that sees the value in every idea, implements equality of opportunity, favors diversity and open communication at every level and respects ethical values. All employees treat each other with respect regardless of their background, religion or gender. The company is constantly committed to ensuring that its products are manufactured under safe, fair, legal and humane working conditions, including fair wages and compensation regulations, and that national laws applicable to employees working both in its fully owned factories, offices and also working at the sites located in different parts of the world. Regarding health and safety of employees, the Company takes and implements all necessary safety measures and adopt responsible practices for minimizing worksite and occupational accidents. Kontrolmatik makes a special to work with partners having same values and inspire them acting along the same philosophy the Company does. Employee training has always been an important element of Kontrolmatik's business success. Internal and external courses provided for professionals and employees, encourage and support them to conduct necessary related professional trainings.

- **Community:** As a sustainable technology, product and solution provider, Kontrolmatik's products, functions, and keep, strengthen and promote ecosystem balance and biodiversity, and do not have a negative impact on human and living species. Have positive impact to keep, strengthen and promote ecosystem balance and biodiversity; On the contrary, do not have a negative impact on human and living species. All products of Kontrolmatik brands are designed and produced environmental and sustainable responsibility, which are not incentive or abetting to crime. In addition, it plays an important role in increasing the welfare and quality of life of the society by providing employment to the people living in the regions where it operates, at the facilities and research centers.

## PARTNERSHIP

Kontrolmatik believes in development of sustainable communities, and global partnership for an inheritable world.

- **Partnership:** Kontrolmatik always strives to improve its sustainability strategy, and to keep up with industry dynamics and global standards. The company works in collaboration with leading non-governmental organizations, national and international platforms and global organizations in order to embodying sustainability into the innovation of its products & services, and development of all its business, make it visible, accepted and be implemented by its customers and stakeholders. Kontrolmatik seeks opportunities to support the working groups on how to improve the welfare of societies, protect ecosystem and biodiversity health to provide and leave a healthier and better environment for future generations.

## QUALITY POLICY

# TARGETS REACHED IN A TEAM SPIRIT

Kontrolmatik aims to create a competent organization consisting of highly committed employees.

**At Kontrolmatik, which has adopted the philosophy of total quality, the units tend to reach their goals in a team spirit. Preventive approaches are determined in order to review the business processes with the self-assessment process and to increase the performance in the Company.**

In accordance with the ISO 9001:2015 quality management standard, ensuring the satisfaction of its customers and employees is the most important value of the Company in order to guarantee not only its present but also its future. While providing this value, the most important principle is to minimize all kinds of damage to employees, third parties, property and the environment. In this context, the main principles of Kontrolmatik are as follow:

- Being responsible for health, safety, environment and quality with all managers and employees; complying with the relevant laws, statutes, regulations,
- Complying with standards and customer specifications, minimizing customer complaints, repeat and maintenance rates, reducing costs and reflecting them to customers,
- Increasing the efficiency of management systems, monitoring and improving the applications continuously.

The company's quality policy is as follows:

- Documentation, certification and continuous improvement of the quality management system in a way that fulfills the requirements of the ISO 9011:2015 standard,
- Reaching the company and unit targets in a team spirit based on the total quality philosophy,

- Determining preventive approaches that will improve performance by reviewing business processes with the self-assessment process,
- Increasing the efficiency in all processes to a level that can compete at the international level in line with the continuous improvement approach,
- Commitment to working with all its strength to become an exemplary company in terms of quality in the durable consumption sector by managing its activities in an integrated manner with the Environment, Occupational Health and Safety Management Systems in order to encourage innovative and creative approaches and to provide training that will increase technical and behavioral competencies.

Kontrolmatik's culture of trust extends beyond the office walls, beyond the project site, to automobiles, homes and communities; it affects all the people with whom it interacts around the world. Each and every employee of the Company makes reliability a personal value that they live every day. In order to control risk and prevent harm, Kontrolmatik is focused on achieving the highest health, safety and security management standards. This focus will be achieved by setting effective policies and clear standards that support our health, trust, safety and environmental management systems.

## QUALITY POLICY

## THE PHILOSOPHY OF TOTAL QUALITY

Kontrolmatik has adopted the philosophy of total quality and its units are oriented towards achieving their goals in a team spirit.

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**Since the first day of its establishment, Kontrolmatik has been working to increase the efficiency of all processes to an internationally competitive level in line with its continuous improvement approach.**

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With its internal control mechanisms, Kontrolmatik takes full responsibility for its performance and decisions. Kontrolmatik works as a team with its customers. It is fully committed to achieving its goals and seeks to find effective solutions to create value for each of its customers. Trust, which is an integral part of its activities, has an important place in all projects.

At Kontrolmatik, which has adopted the philosophy of total quality, the units tend to reach their goals in a team spirit. Preventive approaches are determined to review business processes by self-

evaluation in the company, and preventive approach is adopted to increase performance.

In line with the continuous improvement approach, efforts have been carried to increase the efficiency of all processes to an internationally competitive level. Necessary activities are actively carried out to encourage innovative and creative approaches, to increase environmental, occupational health & safety management systems, technical and behavioral competencies in an integrated manner.





## HUMAN RESOURCES

# FAIR AND TRANSPARENT HR APPLICATIONS

Kontrolmatik implements fair and honest practices, including equal opportunity of its employees in all process.

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**Kontrolmatik carries out fair and transparent practices, including equal opportunity of employees, in all processes, starting from the recruitment process, and organizes various activities in order to increase employee loyalty and create a happy and motivated environment.**

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Kontrolmatik's human resources policy is to create a competent organization consisting of highly committed employees, and to ensure that Kontrolmatik is a preferred employer.

The company's human resources policy is as follows:

- Adopting the principle of humanistic behavior in all our activities with the awareness that the biggest competitive advantage is "human power", make employees at all levels adopting corporate identity,
- Realizing fair and honest practices, including equal opportunity of employees, in all processes starting from the recruitment process.
- Ensuring the right people work in the right positions,
- Considering the internal employees in the Company first for new positions
- Giving the tasks appropriate to the knowledge and abilities of the employees
- Maximizing morale and motivation of employees in each department, keeping it at a high level, creating a family awareness
- Creating a healthy, safe and peaceful working environment in terms of occupational health and safety
- Identifying training needs for employees, preparing and implementing training programs
- Providing internship opportunities to university students, working full-time with eligible candidates after the end of the internship
- Protecting and developing all personal rights of the personnel
- Performing people-oriented functions such as human relations, employee satisfaction, career plans, performance appraisal, recruitment and compliance programs
- Determining the qualifications of the personnel suitable for the characteristics of the task and carrying out the promotion processes
- Determining the training needed to improve the ability, entrepreneurship, success and effort of the personnel and to ensure that they are received
- Providing solutions that support the personal and managerial development of the employees as well as their professional development
- Following up the effect of these gains on business results
- Providing orientation training to newly hired employees
- Informing the personnel in a timely manner on matters concerning the staff
- Constantly reviewing, updating and improving the Human Resources policy; informing people about its new form
- By valuing people and by acting with the fact that the most important capital is employees, developing our human resources, preparing them for career goals, and as a result, giving the greatest support to the achievement of the Company's goals with successful employees.

## HUMAN RESOURCES

## TOWARDS THE TARGET WITH SUCCESSFUL EMPLOYEES

Kontrolmatik acts with the awareness that the most important capital is the employees and continues to develop its human resources.

Kontrolmatik uses technologies that are productive and have the least adverse impact on the environment in every field it operates. The Company, which reduces its carbon footprint with the solutions it develops, provides the technological infrastructures that can operate with high efficiency in the facilities of its customers.

The company organizes events such as dining and breakfasts throughout the year to increase the motivation of employees, rewarding successful and senior employees, and showing the importance it attaches to human resources. Employees are also paid supplemental health insurance, meal and road fees.

As of 31.12.2021, the number of employees is 226. (31.12.2020: 124) The distribution of employees based on department and education level and the average number of employees as of the end of the specified period are as follows.

Period	31.12.2021	31.12.2020
Management	4	1
Financial and Administrative Affairs	28	18
Business Development	11	10
Operation	15	10
R&D Design/Engineering	168	85
<b>Total</b>	<b>226</b>	<b>124</b>
Engineer	115	-
Technician	27	-
Number of Female Employees	37	-
Doctorate	2	-
Post Graduate	21	10
License	123	79
Associate Degree	37	17
High school	34	13
Other	9	5

## OCCUPATIONAL HEALTH AND SAFETY

# SAFE AREAS, HAPPY AND HEALTHY EMPLOYEES

Occupational Health and Safety is considered as a value from the highest to the lowest level throughout Kontrolmatik, and competent teams are employed in all business processes.

**In order to prevent the reoccurrence of incidents and accidents and to improve the Company's performance, Kontrolmatik employees are provided with realistic reports on incidents and accidents, and enable them to learn from lessons.**



The health and safety of the employees take the priority on the top among the fundamental issues that the Company takes into consideration in its activities. In all operating fields and locations, and in the field of Occupational Health and Safety; hazard identification, risk assessment and risk response works are carried out in accordance with the Labor Law No. 4857, Social Insurance and General Health Insurance Law No. 5510, Occupational Health and Safety Law No. 6331 and OHSAS 18001:2007 Occupational Health and Safety standards.

- With the participation of all employees, risk of accident, loss or damage are always determined in advance within the scope of the principles of health and safety.
- In order to reduce the adverse impact of its business on human health, the Company raises awareness of its all employees, subcontractors, customers and

contractors on health and safety issues, supports them with trainings and cooperates with all organizations that take care of public interests in this regard.

- In order to prevent the reoccurrence of incidents and accidents and to improve the Company's performance, it provides realistic reports on incidents and accidents and ensures that lessons are learned from them.
- Occupational disease and work safety factors of new facilities and processes are taken into consideration during the design phase.
- It constantly raises awareness of the employees, managers, project managers and department managers in all the operating regions in order to ensure that they implement the occupational health and safety policies in their own units, take the necessary actions regarding their operations, and organize trainings at certain periods.

## OCCUPATIONAL HEALTH AND SAFETY

# “ZERO ACCIDENT” GOAL IN OCCUPATIONAL HEALTH AND SAFETY

Kontrolmatik conducts various trainings to its employees to reach its “Zero Accident” goal.

**Pre-work risk assessments, job danger analyzes and on-the-job meetings constitute the main steps of Kontrolmatik Occupational Health and Safety Risk Management.**

Occupational Health and Safety at Kontrolmatik starts with the commitment of the senior management. Occupational Health and Safety is considered as a value from the highest to the lowest level throughout Kontrolmatik, and competent teams are employed in all business processes. Senior management's principles are as follow:

- Aiming continuous improvement with the understanding of Kaizen, ensuring sustainability
- Identification and sharing of duties and responsibilities
- Belief in the zero-accident-goal and commitment to the prevention of occupational diseases
- Providing the necessary resources for the construction site and working environments and creating safe working areas.

### We Eliminate Risks!

Kontrolmatik starts its site and office work with the identification, evaluation and management of risks. Pre-work risk assessments, job hazard analyzes and on-the-job meetings constitute the main steps of Kontrolmatik Occupational Health and Safety risk management, and the measures determined in risk analyzes are implemented as a step to respond to risk against occupational accidents. The company believes that all accidents can be prevented with the right perspective, right planning and effective practices.

### Being Conscious!

The company believes that conveying the Kontrolmatik Occupational Health and Safety System to the employees with a well-structured training system, is highly important. The importance of training and knowledge transfer in terms of the implementation of the Occupational Health and Safety Management System has been adopted by all elements of the Company. The basic requirements for the training system, which is the company's biggest supporting tool through reaching the goal of “Zero Accident”, have been determined as follows:

- Having a competent training organization
- Creating a detailed training program
- Providing training in accordance with the purpose.

### Health Comes First

The health of employees is a priority for the Company. Medical teams consisting of doctors, paramedics and nurses are also involved in all activities of the Company, and employees can access medical support without any restrictions whenever they need it. Occupational Health and Hygiene procedures are one of the main topics of the Kontrolmatik's Occupational Health and Safety System.



## CORPORATE CITIZENSHIP

# DOING WHAT'S RIGHT COMMITMENT

Every work that Kontrolmatik does is built on a commitment to do the right thing for its customers, employees and communities.

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**Kontrolmatik donates to the Tohum Autism Foundation on behalf of its employees on their birthdays, and celebrates employees with certificates issued in their names, within contributes to the education scholarship fund for children having autism.**

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Kontrolmatik acts with the aim of creating a working environment where our employees enjoy working every day and customers desires continuity. Everything the Company does is built on Kontrolmatik's commitment to do the right thing for its customers, employees and communities.

Kontrolmatik pays attention to being people-oriented, taking care of nature and the environment, and the satisfaction and happiness of its customers. In this context, the core values of Kontrolmatik are as follow:

- Ensuring the satisfaction of customers and employees
- Commitment to excellence in all services provided
- Catching all new technologies in its field and keeping up to date
- Being beneficial to the place where they live and to the environment
- Being stand by and empathetic with all employees
- Being honest, keeping promises in any case
- Being compliant and taking care of all stakeholders
- Approaching all projects by focusing on technique, technology and science
- Protecting nature and its employees
- Doing the best, in the best way

Kontrolmatik continued its cooperation with Tohum Autism Foundation in 2021 as it did in 2020. The company, donating to the Tohum Autism Foundation on behalf of the employees on their birthdays, not only celebrated the birthday of the employees with donation certificates issued in their names, but also contributed to the education scholarship fund of children with autism, and experienced the happiness of giving hope to someone's life.

## DEVELOPMENTS DURING THE PERIOD

### Venture Capital Establishment Application

Pursuant to the decision of the Board of Directors regarding the establishment of a VCT, which was announced on the PDP system on 23 December 2020, an application was made to the Capital Markets Board for the establishment permit on 07.01.2021 and announced in the PDP system. On May 4, 2021, it was reported that the VCT establishment application was rejected by the CMB.

### PDP Announcement dated 31.05.2021

At the meeting held by our Company's Board of Directors, it was decided to establish a new company as a 100% subsidiary in the Republic of Cameroon in order to carry out business development activities and take part more actively in our fields of activity. The establishment process continues as of the report date.

### PDP Announcement dated 31.05.2021

At the meeting of our Company's Board of Directors; it was decided unanimously as follows:

1. Establishment of a new company with an initial capital of 15.000.000,00.Turkish Lira In the field of battery technologies, it is planned to engage in electrochemical energy storage cell production facility, energy storage cell production, battery pack production, energy storage system design and turnkey solution activities using lithium ion and other advanced technologies,
2. 70% participation in the company to be established,
3. Investing in lithium-ion batteries and batteries after the establishment of the company,

4. Kontrolmatik Teknoloji, Enerji ve Mühendislik A.Ş. and/or the newly established company shall apply for relevant investment incentives in this field,
5. For the completion of the establishment and launching of the company to be established, granting authorization to our Company's General Manager Osman Şahin Köşker to make all kinds of applications, works and transactions before the Ministry of Commerce, trade registry offices and other relevant institutions; and making all kinds of necessary and useful applications, works, transactions, and announcements within this framework.

As of the report date, the establishment process continues.

### PDP Announcement dated 31.05.2021

At the meeting of our company's Board of Directors, it was decided unanimously as follows:

1. Establishment of a new company with an initial capital of 20.000.000,00.-Turkish Lira, which is planned to develop satellite technology, manufacture satellites and provide related services,
2. 25% participation in the company to be established,
3. For the completion of the establishment and launching of the company to be established, granting authorization to our Company's General Manager Osman Şahin Köşker to make all kinds of applications, works and transactions before the Ministry of Commerce, trade registry offices and other relevant institutions; and making all kinds of necessary and useful applications, works, transactions, and announcements within this framework.

The establishment of the company was concluded as of 06.07.2021 and the announcement was made.

### PDP Announcement dated 24.06.2021

At the meeting of the Board of Directors of the Company on 24.06.2021; it was decided unanimously as follows:

1. Opening branches in Libya to carry out activities in the following areas,
  - a. Construction and assembly,
  - b. Gas transfer using different types and sizes of carbon steel pipes and polyethylene and establishment of distribution networks,
  - c. Establishment and maintenance of power generation facilities, different types of low and high voltage substations, including those connected to renewable energy,
  - d. Installation and maintenance of power transmission cable networks
  - e. Building desalination plants using thermal methods, osmosis and renewable energy,
2. A budget of 250,000 dinars will be allocated for the establishment and management of the said branch,
3. Determining the director and assistant of the said branch as Libyan nationals,
4. Granting authorization to our Company's General Manager Osman Şahin Köşker to carry out the necessary works and procedures in this regard,

As of the report date, the process continues.

### PDP Announcement dated 06.07.2021 (Financial Fixed Asset Acquisition)

As stated in our company's material disclosure dated 31.05.2021; based on the announcement;

“Establishment of a new company with an initial capital of 20.000.000,00.-Turkish Lira, planned to develop satellite technology, manufacture satellites and provide related services, and participate in the company to be established at a rate of 25%”

The company, titled “Plan S Uydu Ve Uzak Teknolojileri Anonim Şirketi”, with an initial capital of 20,000,000 TL and in which our company has a 25% share, was registered and established by the Ankara Chamber of Commerce Trade Registry on 06.07.2021.

#### **PDP Announcement dated 11.08.2021**

Our Company's Board of Directors, At its meeting dated 11.08.2021, unanimously took the following decisions:

1. Opening a branch at Orhaniye Mahallesi, 614 street N45 Kahramankazan, Ankara,
2. Branch title is Kontrolmatik Teknoloji Energy ve Mühendislik Anonim Şirketi Ankara Şubesi,
3. Not allocating capital to the branch, meeting it from the head office,
4. Representing the branch with the individual signature of Mehmet Ekrem Mihçi, residing at the address of \*\*\*\*\* İstanbul with the ID number \*\*\*\*\* for a period of 1 year. and to be appointed as Branch Manager
5. While determining the field of activity, at least one activity in the title of the head office should be included in the definition of the branch. If all the fields of activity in the title of the head office will take place in the branch, then it will be stated as “The matters in the Company's Articles of Association”.

The developments about the process will be shared with the public.

Respectfully announced to the public and our Esteemed Shareholders.

#### **PDP Announcement dated 12.08.2021 (Purchase of Tangible Fixed Asset)**

Pursuant to the decision of Board of Directors dated 11.08.2021; our company purchased 97,540,00 square meters of land located on the 140134 Block 1 parcel in Ankara Province, Polatlı district, Çekirdeksiz Mahallesi, of which details is provided above, in order to use in production activities within the scope of the company's increasing capacity with its growing activities and additional investments.

Respectfully announced to the public and our Esteemed Shareholders.

#### **PDP Announcement dated 21.10.2021**

Our Company's Board of Directors unanimously took the following decisions At its meeting dated 1.10.2021:

1. Carrying out all kinds of work and transactions necessary to do business development activities in the Russian Federation,
2. Establishing a new company in the Russian Federation in the form of a subsidiary or an affiliate to carry out all kinds of works and transactions with regard to the project “Russian Federation Moscow oblast” Mini Thermal Power Plant Zarsk-1, which we announced on the Public Disclosure Platform on 15.10.2021&2”,
3. Granting authorization to Özgür Kufacı, Giray Alkın Ilıca and our Company's General Manager Osman Şahin Köşker to carry out all kinds of works and transactions necessary in these matters, and to make all necessary and beneficial applications, works and transactions, announcements in this regard,

The developments about the process will be shared with the public.

Respectfully announced to the public and our Esteemed Shareholders.

#### **PDP Announcement dated 21.10.2021**

The IoT Platform, one of our R&D investments, has been developed by the Kontrolmatik Engineer team as part of the R&D Project since 2018.

IoT Platform is an interactive platform that can collect millions of data and perform real-time analysis through sensors and modules of our own production.

As a result of the evaluations made, it was decided to continue the IoT segment under a brand within Kontrolmatik in our future business plan, and it was decided that our IoT platform would continue under the Kontrolmatik brand, together with the products we developed such as sensors and modules.

Respectfully announced to the public and our Esteemed Shareholders.

#### **PDP Announcement Dated 04.11.2021**

Our affiliate “Plan S Satellite and Space Technologies Inc.” signed an agreement to send 3 satellites into orbit in 2022 for the IoT (internet of things) test satellites it has developed. Launches will be made with SpaceX Falcon 9 rockets, one in the 3<sup>rd</sup> quarter of 2022 and 2 in the 4<sup>th</sup> quarter of 2022.

Respectfully announced to the public.

## DEVELOPMENTS DURING THE PERIOD

### **PDP Announcement dated 12.11.2021 (Financial Fixed Asset Acquisition)**

In our PDP dated 31.05.2021; we announced that;

Our Company's Board of Directors, unanimously took the following decision:

"Establishing a new company in the form of a 100% subsidiary in the Republic of Cameroon in order to carry out business development activities and to be more active in our fields of activity, and granting authorization to our Company's General Manager Osman Şahin Köşker to carry out the necessary works and procedures in this regard, and carrying out all kinds of useful applications, works and transactions, as well as announcements."

The said company, as our 100% subsidiary, with the title of "Kontrolmatik Cameroun Sarl" and was established in the Republic of Cameroon with a capital of 9,500,000 CFA (Approximately 14,478 Euros).

Respectfully announced to the public.

### **PDP Announcement Dated 16.11.2021.**

We announced in our material disclosure dated 24.06.2021 that;

In line with the decision of our Company's Board of Directors at its meeting on 24.06.2021 regarding the opening of a branch in Libya, the opening of the "Kontrolmatik Libya Branch" in Tripoli, Libya, with a capital of 250,000 Libyan dinars, was completed.

Respectfully announced to the public.

Pursuant to our PDP Announcement Dated 16.11.2021 and our Material Disclosure dated 31.05.2021,

At the meeting of our company's Board of Directors, it was announced to the shareholders and the public that with regard to battery technologies, it was decided to establish a new company, which is planned to engage in electrochemical energy storage cell production facility, energy storage cell production, battery pack production, energy storage system design and turnkey solution activities, using lithium ion and other advanced technologies.

With the decision of the Board of Directors dated 16.11.2021, the title of the company to be participated by our Company was determined, changes were made in the amount of capital to be participated by our Company, and other issues were determined. The aforementioned unanimous Board of Directors Decision is as follow:

1. In our Board of Directors decision dated 31.05.2021, in the field of battery technologies, it was decided to establish a new company planned to be engaged in electrochemical energy storage cell production facility, energy storage cell production, battery pack production, energy storage system design and turnkey solution activities using lithium ion and other advanced technologies,
2. Its title will be Pomega Enerji Depolama Teknolojileri Anonim Şirketi,
3. The company in question will have an initial capital of 15 million Turkish Liras,
4. The said company will be established as a 100% subsidiary of Kontrolmatik Teknoloji Enerji ve Mühendislik A.Ş.,
5. The investments and incentives taken in the relevant Board of Directors decision dated 31.05.2021 will continue under the said company,

6. The land of 97.540.00 m<sup>2</sup> Located in Ankara Province, Polatlı District, Çekirdeksiz Mahallesi, 140134 Block 1 parcel, and the factory building will be sold/transferred to the said company,
7. Granting authorization to Giray Alkın Ilıca, Handan Büyükkardeş and Osman Şahin Köşker to make all kinds of applications, works and transactions before the Ministry of Commerce, trade registry directorates and other relevant institutions in order to complete the establishment and launching of the company, and in this context to make all kinds of necessary and beneficial applications, works and transactions, announcements and declarations,

Respectfully announced to the shareholders and public.

### **PDP Announcement dated 29.11.2021**

At the meeting of our company's Board of Directors, the following decision were unanimously taken:

1. Establishing a new company that is planned to operate in the fields of innovative and alternative energy investments, energy production, energy trade,
2. Title of the new company to be established will be Progresiva Enerji Yatırımları Ticaret Anonim Şirketi,
3. The company in question will have an initial capital of 5,000,000,00.-Turkish Lira,
7. The said company will be established as a 100% subsidiary of Kontrolmatik Teknoloji Enerji ve Mühendislik A.Ş.,
4. Granting authorization to Giray Alkın Ilıca, Handan Büyükkardeş and Osman Şahin Köşker to make all kinds of applications, works and transactions before the Ministry of Commerce, trade registry directorates and other relevant institutions



in order to complete the establishment and launching of the company, and in this context to make all kinds of necessary and beneficial applications, works and transactions, announcements and declarations,

Respectfully announced to the public and investors.

**PDP Announcement dated 29.11.2021 (Purchase of Tangible Fixed Asset)**

Pursuant to the decision of our company's Board of Directors dated 24.11.2021; in order to be used within the scope of the Company's increasing capacity with its growing activities and additional investments, the allocation of the immovable 25,466,00 sq. meters of land located on the 140134 block 3 parcel located in Ankara Province, Polatlı county, Çekirdeksiz Mahallesi, Polatlı Organized Industrial on was completed on behalf of our Company.

Respectfully submitted to the information of public and investors.

**PDP Announcement dated 29.11.2021 (Purchase of Tangible Fixed Asset)**

Pursuant to the decision of our company's Board of Directors dated 24.11.2021; in order to be used within the scope of the Company's increasing capacity with its growing activities and additional investments, the allocation of the immovable 35,002,91 sq. meters of land located on the 140134 block 4 parcel located in Ankara Province, Polatlı county, Çekirdeksiz Mahallesi, Polatlı Organized Industrial on was completed on behalf of our Company.

Respectfully submitted to the information of public and investors.

**PDP Announcement dated 09.12.2021 (Financial Fixed Asset Acquisition)**

In our company's material disclosure dated 16.11.2021;

Pursuant to the decision of the Board of Directors dated 16.11.2021, the title of the company to be participated by our company was determined and changes were made in the amount of the capital to be participated by our company were made and other issues were determined. Pursuant to the aforementioned Board of Directors Decision; it was announced that it had been unanimously decided that

1. The new company decided to be established pursuant to our Board of Directors decision dated 31.05.2021, and planned to be active in electrochemical energy storage cell production facility, energy storage cell production, battery pack production, energy storage system design and turnkey solution activities using lithium ion and other advanced technologies will have
2. The title Pomega Enerji Depolama Teknolojileri Anonim Şirketi,
3. The company in question will have an initial capital of 15.000.000,00.- Turkish Lira,
4. The said company will be established as a 100% subsidiary of Kontrolmatik Teknoloji Enerji ve Mühendislik A.Ş.,
5. The investments and incentives taken in the relevant Board of Directors decision dated 31.05.2021 will continue under the said company,
6. The land of 97.540.00 m<sup>2</sup> Located in Ankara Province, Polatlı District, Çekirdeksiz Mahallesi, 140134 Block 1 parcel, and the factory building will be sold/transferred to the said company,
7. Granting authorization to Giray Alkın Ilıca, Handan Büyükkardeş and Osman Şahin Köşker to make all kinds of applications, works and transactions before the Ministry of Commerce, trade registry directorates and other relevant institutions

in order to complete the establishment and launching of the company, and in this context to make all kinds of necessary and beneficial applications, works and transactions, announcements and declarations,

The said company was established with the title of "Pomega Enerji Depolama Teknolojileri Anonim Şirketi" and was registered by the Polatlı Trade Registry Directorate on 08.12.2021 and was declared in the Turkish Trade Registry Gazette dated 09.12.2021 and numbered 10469.

Respectfully submitted to the information of public.

**PDP Announcement Dated 24.12.2021**

A patent application was filed for the "Floating Platforms for Solar Power Plants" developed by the R&D department of our company.

The developments regarding the process will be shared with the public.

Respectfully announced to the public.

**PDP Announcement Dated 30.12.2021**

A patent application was filed for the system/machine developed by the R&D department of our company for the Mass Production of the "Floating Platforms for Solar Power Plants".

In addition, a utility model application was made for the entire floating system.

Thus, a total of two patent and one utility model applications were made on behalf of our Company, together with the patent application we previously reported regarding the floating SPP.

Respectfully announced to the public.

## GENERAL ASSEMBLY INFORMATION

On 31.03.2021, on the Public Disclosure Platform it was announced that the 2020 Ordinary General Assembly meeting of the Company would be held on 27.04.2021; however, pursuant to "Partial Closing Circular" of the TR Ministry of Interior, declaring that all kinds of events with broad participation, including the general assemblies, would not be allowed until 17.05.2021, based on the decision of the Board of Directors on 16.04.2021, on the Public Disclosure Platform it was announced that the 2020 Ordinary General Assembly meeting, which was planned to be held on 27.04.2021, was postponed to another time.

The call for the 2020 Ordinary General Assembly meeting that the 2020 Ordinary General Assembly meeting would be held on 03.06.2021 was announced on the Public Disclosure Platform, E-GKS and the Company's corporate website on 10.05.2021.

The company held its ordinary General Assembly meeting in accordance with the principles found under the "General Assembly" heading of the "Corporate Governance Principles".

The Ordinary General Assembly meeting of the Company for 2020 was held on 03 June 2021 at 11:00 Retaj Royale İstanbul Hotel, 15 Temmuz Mah. Cami Yolu Cad. No:1/A Güneşli-Bağcılar/İstanbul and briefly the following decisions were taken:

- The consolidated Annual Report of the Board of Directors for the 2020 accounting period was discussed and accepted.
- It was accepted that the summary of the independent audit report for the fiscal year 2020 was deemed to have been read. General Assembly was informed that this article was for informational purposes.
- Financial statements for the 2020 accounting period have been accepted.
- The Members of the Board of Directors of the Company were released separately from their activities in 2020.
- The Company's Dividend Policy was accepted.

- The proposal of the Board of Directors regarding the distribution of profit for the 2020 accounting period was discussed and it was accepted to authorize the Board of Directors to determine the distribution date of the dividend following the tax withholding of the gross dividend of 0.181455 TL in cash for a share with a nominal value of 1 lot=1 TL over the gross profit share of 6.906.647.69 TL in accordance with the tax regulations.
- Members of the Board of Directors Changed over the period were submitted for approval and accepted.
- Determining the number of members of the Board of Directors and their terms of office, making elections according to the determined number of members, the election of the Independent Members of the Board of Directors were discussed; the number of the members of the Board of Directors was determined as 5 (five) and to serve for a period of 1 year; Sami Aslanhan, Ömer Ünsalan, Murat Özvardar and as Independent Members Burhanettin Koray Tunçalp and Bikem Kanık were accepted to be elected as a Member of the Board of Directors.
- Established pursuant to the Corporate Governance Communiqué of the Capital Markets Board No. II-17.1 and the Board of Directors of the Company. The Remuneration Policy, which was accepted at the meeting numbered 2021/7 dated 26.03.2021, was discussed and accepted.
- Rights such as remuneration and attendance fee to be paid to the Members of the Board of Directors were accepted after discussion.
- In the meeting of the Board of Directors dated 26.03.2021, the opinion of the Audit Committee was taken and it was accepted that Abaküs Independent Auditing Anonim Şirketi would be appointed to serve in the 2021 accounting period of the Company.
- Established pursuant to the Corporate Governance Communiqué of the Capital Markets Board No. II-17.1 and the Board of Directors of the Company

Adopted at the meeting numbered 2021/8 dated 26.03.2021 Donation and Aid Policy has been accepted.

- Company's Board of Directors The Internal Directive on Working Principles and Procedures of the General Assembly, which was accepted at the meeting numbered 2021/9, dated 29.03.2021, was accepted.
- The shareholders were informed about the donations made by the Company in 2020, and the upper limit for the donations to be made in 2021 was determined and accepted.
- Established pursuant to Article 17 of the Special Cases Communiqué of the Capital Markets Board No. II-15.1 and the Board of Directors of the Company Shareholders were informed about the Disclosure Policy adopted at the meeting numbered 2020/33 on 08.12.2020.
- In accordance with the regulations of the Capital Markets Board, the shareholders were informed about the guarantees, pledges and mortgages (CPM) given by the Company in favor of third parties in 2020.
- It has been accepted to give approval to the Members of the Board of Directors, in accordance with Articles 395 and 396 of the TCC, that they can transact with the Company on behalf of themselves or someone else, and that they can enter companies that are engaged in the activities of the Company as partners.
- Shareholders were informed about the transactions carried out in 2020 within the scope of the principle numbered 1.3.6 of the Corporate Governance Communiqué numbered (II-17.1) of the Capital Markets Board.

Relevant General Assembly information can be accessed on the Public Disclosure Platform dated June 03, 2021, at <https://www.kap.org.tr/tr/Bildirim/939988>, and from the General Assembly Information section of the Investor Relations section of the Company's official website.

## COMMITTEES

At the meeting of Company's Board of Directors dated 16.06.2021; it was unanimously decided that;

In accordance with the Corporate Governance Principles in the annex of the Corporate Governance Communiqué of the Capital Markets Board No. II-17.1, the Corporate Governance Committee, the Early Detection of Risk Committee and the Audit Committee will be established within the Board of Directors, in order to ensure that the Board of Directors fulfills its duties and responsibilities in a healthy manner; regarding Committees of the Board of Directors;

1. Corporate Governance Committee shall be composed of 4 (four) members; Independent Board Member Bikem Kanık shall be appointed as Chairman, Independent Board Member Burhanettin Koray Tunçalp, Board Member Murat Özvardar and investor relations department manager Metin Demir shall be appointed as members,
2. Early Detection of Risk Committee shall be composed of 4 (four) members; Independent Board Member Bikem Kanık shall be appointed as its Chairman, Independent Board Member Burhanettin Koray Tunçalp, Board Member Murat Özvardar and investor relations department manager Metin Demir shall be appointed as members,
3. Audit Committee shall be composed of 2 (two) members; Independent Board Member Burhanettin Koray Tunçalp shall be appointed as its Chairman, and Independent Board member Bikem Kanık shall be appointed as its member,
4. Nomination Committee and Remuneration Committee shall not be established and the duties of these two committees shall be fulfilled by the Corporate Governance Committee,

pursuant to the said Board of Directors decision,

declaration on the Duties and Working Principles of the Committees of the Board of Directors and Information on the Establishment of Committees was made on 16.06.2021 on Public Disclosure Platform (Public Disclosure Platform announcement link: <https://www.kap.org.tr/tr/Bildirim/942672>).

The Committees of the Board of Directors are determined as follows. The Duties and Working Principles of the Committees of the Board of Directors and information on the establishment of the committees are given below:

Committee	Committee members	Duty	Nature	Convention Period
Audit Committee	Burhanettin Koray Tunçalp	Chairman	Independent Board Member	At least four times a year
	Bikem Kanık	Member	Independent Board Member	
Corporate Governance Committee	Bikem Kanık	Chairman	Independent Board Member	As to be at least once in every three months
	Burhanettin Koray Tunçalp	Member	Independent Board Member	
	Murat Özvardar	Member	Board Member	
	Metin Demir (**)	Member	Investor Relationship Manager	
Early Detection of Risk Committee	Bikem Kanık	Chairman	Independent Board Member	At least three(3) times a year
	Burhanettin Koray Tunçalp	Member	Independent Board Member	
	Ömer Ünsalan	Member	Board Member	
	Murat Özvardar	Member	Board Member	

(\*) In accordance with the Corporate Governance Communiqué No. II-17.1 of the CMB, the duties of the Nomination and Remuneration Committees are carried out by the Corporate Governance Committee.

(\*\*) Investor Relations pursuant to Article 11 of the Corporate Governance Communiqué No. II-17.1 of the CMB

The Department Manager is appointed as a member of the Corporate Governance Committee.

## COMMITTEES

### CORPORATE GOVERNANCE COMMITTEE

The Corporate Governance Committee, which reports to the Board of Directors, was established to perform the duties of monitoring the compliance of the Company with the Corporate Governance Principles in accordance with the directives in the Capital Markets Legislation, monitoring the remuneration and performance evaluation of the Members of the Board of Directors and senior executives, and overseeing the activities of the Investor Relations Department and to assist the Board of Directors. Working principles were accepted with the decision of the Board of Directors of the Company dated 08.03.2021 and numbered 2021/3.

#### Composition and Structure of the Committee

- The Corporate Governance Committee consists of at least three members, two of whom are Board Members and one is the manager of the Investor Relations Department.
- The majority of the Members of the Board of Directors serving in the Committee are non-executive Board Members.
- Members of the Committee can also be elected among third parties that are not members of Board of director, but who are experts in their fields. The Chairman of the Committee is elected from among the independent members of the Board of Directors.
- Chief Executive Officer, General Manager cannot take part in committees.
- Committee members are re-determined at the first Board of Directors meeting to be held every year after the Ordinary General Assembly meeting.
- The Committee also undertakes the duties of the Nomination Committee and the Remuneration Committee included in the regulations of the Capital Markets Board.
- The Committee may benefit from the opinions of independent experts on the issues it deems

necessary regarding its activities. The cost of consultancy services required by the Committee is covered by the Company.

- In principle, the committee convenes 3 (three) times a year and when deemed necessary without waiting for this period. The Committee convenes with the participation of one more than half of the number of members, and takes a decision with the majority.
- Decisions taken at the meetings are put in writing, signed by the Committee members and archived.

#### Duties and Responsibilities

- The Committee determines whether the Corporate Governance Principles are applied or not, if not, determines the reason and the conflicts of interest that occur due to not fully complying with these principles.
- It makes recommendations to the Board of Directors to improve Corporate Governance practices.
- Evaluates the work of the Investor Relations Department.
- The Committee plays a leading role in maintaining the effective communication of the Board of Directors between the Company and the shareholders, in resolving and resolving potential disputes, and makes necessary recommendations to the Board of Directors.
- The Committee is responsible for the creation and execution of the Company's Disclosure Policy.
- The Corporate Governance Compliance Report, which will be disclosed to the public in terms of compliance and consistency with the Capital Markets legislation, is evaluated by the Committee. and it is checked whether the information contained herein is correct and consistent with the information held by the Committee.
- Adoption of the Corporate Governance Principles practices by the Company employees and ensures its implementation, and in cases where it cannot be implemented, it makes suggestions to the Board of Directors to improve the degree of compliance.

- The Committee makes recommendations to the Board of Directors on the healthy functioning of the infrastructure for management practices aimed at increasing the Company's performance, their understanding and adoption by the employees and their support by the management.
- The Committee notifies the Board of Directors with written or oral evaluations and recommendations.
- The Committee ensures that the Board of Directors is adequately informed on matters falling under its duties and responsibilities.
- The Committee notifies the Board of Directors, in writing, of its findings regarding its field of duty and responsibility, as well as its evaluations and recommendations on the subject.
- The Committee, upon the request of the Board of Directors, performs other duties and responsibilities that can be considered within its scope of duty.

#### Nomination Committee Responsibility

- Working on establishing a transparent system for the identification, evaluation and training of suitable candidates for the Board of Directors and managerial positions with administrative responsibility, and determining policies and strategies in this regard,
- It is also responsible for making regular evaluations about the structure and efficiency of the Board of Directors and presenting its recommendations regarding the changes that can be made on these issues to the Board of Directors.

Remuneration Committee Responsibility Determining the principles, criteria and practices to be used in the remuneration of the members of the Board of Directors and executives with administrative responsibility, taking into account the long-term goals of the Company, and overseeing them.



Taking into account the degree of attainment of the criteria used in remuneration, it submits its proposals to the Board of Directors regarding the remuneration to be given to the Members of the Board of Directors and executives with administrative responsibility.

This regulation regarding the duties and working principles of the Committee was approved by the Board of Directors decision no. 2021/3 dated 08.03.2021 and entered into force on 08.03.2021. The Board of Directors is authorized to review and update the said working principles when necessary.

### AUDIT COMMITTEE

The Audit Committee functions to ensure that financial and operational activities are properly observed. The purpose of the Committee, which works under the Board of Directors, is to ensure supervision of the Company's accounting system, disclosure of financial information to the public, independent auditing, and the operation and effectiveness of the Company's internal control and internal audit system. These principles have been established pursuant to the regulations, provisions and principles contained in the Capital Markets Legislation and the Corporate Governance Principles of the Capital Markets Board. Working principles were accepted with the decision of the Board of Directors of the Company dated 08.03.2021 and numbered 2021/3.

### Establishment and Structure of the Committee

- The committee consists of at least two members and all of its members are elected from among the Independent Members of the Board of Directors. Chief Executive Officer, General Manager cannot take office in the Committee.
- Committee members are re-determined at the first Board of Directors meeting to be held every year after the Ordinary General Assembly meeting.

- The Committee benefits from the opinions of independent experts on the issues it deems necessary regarding its activities. Cost of consultancy services required by the Committee are covered by the Company. However, in this case, information about the person/organization from which service is provided and whether this person/organization has any relationship with the Company is included in the annual report.
- When the Audit Committee deems it necessary, it may hold meetings and receive verbal or written information from the Company's managers, internal and external auditors, employees and persons they deem necessary, adhering to the principles of confidentiality. These conventions, meetings and correspondence can be made with electronic communication systems, while protecting the confidentiality of Company information. All kinds of resources and support for the conventions, meetings etc. to be held by the Audit Committee are covered by the Company with the approval of the Board of Directors.
- The Audit Committee meets with the participation of at least two members and takes decisions with at least two members.
- Audit Committee convenes at least 4 (four) times a year, at least once every 3 (three) months. The meeting results are recorded in the minutes and presented to the Board of Directors. After the decisions taken at the Committee meetings are put into writing, they are signed and archived by the Committee members.
- The Audit Committee notifies the Board of Directors in writing about the findings and suggestions it has reached regarding its duties and responsibilities.

### Duties and Responsibilities

- It supervises the Company's accounting system, public disclosure of financial information, independent

auditing, and the functioning and effectiveness of the Company's internal control and internal audit system. The selection of the independent audit firm, the preparation of independent audit contracts and the initiation of the independent audit process, and the work of the independent audit firm at every stage are carried out under the supervision of the Committee.

- The independent audit firms from which the Company will receive services and the services to be received from these organizations are determined by the Committee and submitted to the approval of the Board of Directors.
- The methods and criteria to be applied for examining and concluding the complaints received by the Company regarding the Company's accounting and internal control system and independent auditing, and for the evaluation of the Company's employees regarding the accounting and independent auditing issues pursuant to the confidentiality principle are determined by the Committee.
- The Committee notifies the Board of Directors in writing, together with its own evaluations, by taking the opinions of the Company's responsible managers and independent auditors, about its evaluations of the annual and interim financial statements to be disclosed to the public, regarding the accuracy and compliance with the accounting principles followed by the Company.
- The Committee evaluates the findings to be reached within the scope of the independent audit conveyed to the Committee by the independent audit firm, important issues related to the Company's accounting policy and practices, alternative application and public disclosure options pursuant to the CMB's accounting standards and accounting principles, which were previously conveyed to the Company management by

## COMMITTEES

the independent auditor, their possible consequences and the proposals for implementation, and important correspondences with the company management.

- The Committee prepares an annual evaluation report, which will be included in the Company's annual Activity Report, to form the basis for the Board of Directors' evaluation regarding the working principles including the Committee's members, the frequency of conventions and the activities carried out, and the effectiveness of the Committee, and presents it to the Board.
- The Committee notifies the Board of Directors, in writing, of its findings regarding its field of duty and responsibility, as well as its evaluations and recommendations on the subject.
- The Committee ensures that the Board of Directors is adequately informed on matters falling under its duties and responsibilities.
- The Committee, upon the request of the Board of Directors, fulfills other duties and responsibilities that can be considered within its scope of duty.

This regulation regarding the duties and working principles of the Committee was approved by the Board of Directors decision no. 2021/3 dated 08.03.2021 and entered into force as of 08.03.2021. The Board of Directors is authorized to review and update the said working principles when necessary.

### EARLY DETERMINATION OF RISK COMMITTEE

The purpose of the committee, which works under the Board of Directors, is to detect and define strategic, financial, operational, etc. risks and opportunities that may affect the activities of the Company, to prioritize them by calculating their impact and probability, to monitor and review them; to make suggestions and recommendations to the Board of Directors regarding the

management, to report and take into account of these risks and opportunities in line with the risk profile and appetite of the Company in decision mechanisms. Working principles were accepted with the decision of the Company Board of Directors dated 08.03.2021 and numbered 2021/3.

### Composition and Structure of the Committee

- Chairman of the Early Detection of Risk Committee is selected from Independent Members of the Board of Directors. If the Committee consists of two members, both, if it has more than two members, the majority of the members consists of the non-executive Board of Directors.
- The Chief Executive Officer and/or the General Manager cannot take part in the committees.
- Committee members are re-determined at the first Board of Directors meeting to be held every year after the Ordinary General Assembly meeting.
- In the Committee, accounting, finance, auditing, law, management etc. experts with experience in their fields may be employed.
- The Committee may benefit from the opinions of independent experts on the issues it deems necessary regarding its activities. The cost of consultancy services required by the Committee is covered by the Company.
- In principle, the committee convenes 3 (three) times and when deemed necessary, without waiting for this period,
- The committee convenes with the participation of one more than half of the number of members, and takes decisions with the majority. Decisions taken at the meetings are put in writing, signed by the Committee members and archived.
- The Committee presents its decisions to the Board of Directors.
- It reviews risk management systems at least once a year.

### Duties and Responsibilities

- The Committee is responsible for the early detection of risks that may endanger the existence, development and continuation of the Company, taking necessary precautions regarding the risks identified, and conducting studies for risk management.
- The Committee submits an opinion to the Board of Directors to establish internal control systems, including risk management processes, that can minimize the effects of risks that may affect the Company's stakeholders, especially shareholders.
- It notifies the Board of Directors, in writing, of its determinations regarding its field of duty and responsibility, and of its evaluations and suggestions on the subject. It ensures that the Board of Directors is adequately informed on matters falling under its field of duty and responsibility.
- Upon the request of the Board of Directors, it fulfills other duties and responsibilities that can be considered within its scope of duty.
- Participating in the design, selection, implementation and pre-approval of risk measurement models, which are a fundamental tool in the risk management process, regularly reviewing models, performing scenario analyzes and making necessary changes,
- Reviewing the risks disclosed in the company's financial statements and annual activity reports prepared in accordance with the financial reporting standards accepted by the Capital Markets Board.

This regulation regarding the duties and working principles of the Committee was approved by the Board of Directors decision no. 2021/3 dated 08.03.2021 and entered into force as of 08.03.2021. The Board of Directors is authorized to review and update the said working principles when necessary.

## FINANCIAL RIGHTS PROVIDED TO MEMBERS OF THE BOARD OF DIRECTORS AND SENIOR LEVEL MANAGERS

The total amounts of remuneration, attendance fee, etc. benefits provided to the Members of the Company's Board of Directors and the personnel who have a voice in the management are given below.

	01.01.2021-31.12.2021	01.01.2020-31.12.2020
Total Paid-TL	1.626.581 TL	1.487.487 TL

## COMPANY POLICIES

### Profit Distribution Policy

Kontrolmatik A.Ş.'s profit distribution policy has been prepared pursuant to the Turkish Commercial Code No. 6102, Capital Market Law No. 6362, Dividend Communiqué of TR Prime Ministry Capital Markets Board ("CMB") (11-19.I) Capital Markets Legislation and the provisions of the Articles of Association.

In this context, the Company reserves at least 30% of the distributable profit calculated on the basis of the net profit for the period included in the financial statements prepared pursuant to the current legal regulations (after deducting the legal reserves, taxes, funds and financial payments, and previous year losses, if any) in cash. It aims to distribute it as dividend.

Dividends will be distributed equally to the shareholders on the date determined by the General Assembly, following the approval of the General Assembly, within the legal period, regardless of all existing shares and their issuance and acquisition dates.

Implementation of this policy and the rate of dividend to be distributed in cash depend on some conditions including but not limited to the Company's investment and financing strategies and needs, changes and developments in the relevant legislation, the Company's medium and long-term strategies, capital and investment requirements, profitability, financial position, indebtedness and cash situation and national and global economic conditions.

In line with these conditions, it may be decided not to make any profit distribution pursuant to the principles set out above, considering the distributable dividend rate, the recommendation of the Board of Directors and the approval of the General Assembly.

The Company's Articles of Association includes the issue of distribution of advance dividends, and advance dividends can be distributed by complying with the procedures and principles set forth in the provisions of the current legislation. Article 14 of the Articles of Association, titled "Determination and Distribution of Profit", includes the principles regarding profit distribution.

As approved at the Ordinary General Assembly meeting dated 03 June 2021, the proposal of the Board of Directors regarding the distribution of profit for the 2020 accounting period was discussed and it was accepted to authorize the Board of Directors to determine the distribution date of the 1 lot = 1 share with a nominal value of TL 6,906,647.69 over a gross profit share of 0.181455 TL in cash, following the tax withholding payable, in accordance with the tax regulations. Dividends were paid in August and September.

### Donation and Aid Policy

Without being limited to those listed, the company can make donations and aids to individuals, operating in the fields of education, culture, art, environment and sports, associations or foundations,

universities, public institutions and organizations with the understanding of corporate social responsibility pursuant to the Dividend Communiqué of TR Prime Ministry Capital Markets Board (II- 19.1) and other Capital Markets Legislation

The purpose of this Donation and Aid Policy is to fulfill social responsibilities, to create awareness of social responsibility, to meet social and social needs, to provide benefits to the public and encouraging beneficial activities with donations.

With the decision of the Board of Directors, the company can make donations and aids to the departments included in the general budget, annexed budget administrations, special provincial administrations, governorships, municipalities and villages, foundations and disaster areas granted tax exemption by the Council of Ministers, associations beneficial to the public interest, non-governmental organizations, local sports clubs, scientific research and development activities, and organizations, universities, other educational institutions and institutions operating in culture, art, environment, education and similar social issues that take care of social benefit providing that it adheres to the Turkish Commercial Code and the regulations of the Capital Markets Board, not violates the hidden earnings transfer regulations of the Capital Market Legislation, not disrupts its own purpose and subject, and the

## COMPANY POLICIES

donations made during the year is submitted to the information of the shareholders at the General Assembly.

The limit of donations and aids is determined by the General Assembly of the Company, and donations in excess of this limit cannot be made in the relevant period. The General Assembly may decide not to make donations or aid in the relevant year. In case the donations and aids made by the Company pursuant to the Capital Markets Legislation are at least 1% or more of the last balance sheet assets disclosed to the public, or if the total donations and aids below 1% reach at least 1% of the last balance sheet assets disclosed to the public, necessary special case explanations are made on the Public Disclosure Platform at [www.kap.org.tr](http://www.kap.org.tr) ("KAP"). The Capital Markets Board is authorized to set an upper limit on the donation amount.

Donations and aids can be made in cash or in kind. Donations made within the relevant activity period pursuant to the Capital Markets Law are added to the distributable profit base. This policy is submitted to the approval of the General Assembly of the Company. In line with the policy approved by the General Assembly, the shareholders are informed about the amount and beneficiaries of all donations and aids made by the Company during the period, as well as policy changes, with a separate agenda item at the General Assembly meeting. Restrictive regulations arising from the legislation to which the Company is subject are reserved in the donation application.

### Remuneration Policy

Remuneration Policy, is prepared by Kontrolmatik Teknoloji Enerji ve Mühendislik A.Ş. to define the remuneration principles of the members of the Board of Directors and managers with administrative responsibility pursuant to the

regulations of the Turkish Market Board ("CMB") including Turkish Commercial Code No. 6102 ("TCC") and Capital Markets Law No. 6362 ("CMB"), Corporate Governance Communiqué No. II-17.1 ("Corporate Governance Communiqué") and the Corporate Governance Principles ("Corporate Governance") Principles of Capital") "Board"), for the Members of the Board of Directors, taking into account the duties and responsibilities they have undertaken at the Company, in line with the market conditions and according to the Company's strategies, policies and performance. However, these criteria are not used in the remuneration of the Independent Members of the Board of Directors. The wages of the Independent Members of the Board of Directors are ensured to maintain their independence. Dividend/ earnings share, stock options and payment plans based on the Company's performance cannot be used in the remuneration of the Independent Members of the Board of Directors.

Wages determined by the management are submitted to the approval of the shareholders at the Ordinary General Assembly meeting of the relevant year of the Company. Members of the Board of Directors are paid on a pro-rata basis, taking into account their term of office as of their appointment and departure dates. The expenses incurred by the Members of the Board of Directors due to their contributions to the Company (transportation, telephone, insurance, etc.) may be covered by the Company. The wages of the company's senior executives shall be determined by the Board of Directors considering their duties, responsibilities, experience and critical success indicators, in line with equivalent business conditions, and the Company's strategies and policies and performance. The expenses incurred by the senior executives

due to their responsibilities at the Company and their duties shall be borne by the Company.

Except for the legal compensations stipulated by the laws and regulations, a different compensation policy shall not be applied. While determining the wages, the Company's activities, size, internal balances, targets, macroeconomic data in the market, wage policies applied in the market, sectoral data, international standards and legal obligations shall also be taken into consideration. The Company cannot lend or extend credit to any Member of the Board of Directors or executives with administrative responsibility. Premium payments shall be determined by individual performance in order to increase the efficiency and performance of senior managers, to ensure continuity of performance and to differentiate managers who create added value for the Company. Performance-based payments, in particular bonus payments, will not be guaranteed in advance. Confidentiality of wages, premiums and other personal rights is essential.

Information on the total amount of wages and other benefits provided to the Members of the Board of Directors and senior executives is included in the annual report. The Board of Directors is responsible for the implementation and development of this policy. The Corporate Governance Committee carries out the monitoring, auditing and reporting of remuneration practices on behalf of the Board of Directors.

### Disclosure Policy

The Company's Disclosure Policy was published on KAP on 08.12.2020. The report is available at the [www.kontrolmatik.com](http://www.kontrolmatik.com) corporate web site or the link <https://www.kap.org.tr/tr/Bildirim/892212> on the Public Disclosure Platform.



### **Donations and Aids During the Period**

A donation of 124,500 TL was made during the period.

### **Amendments to the Articles of Association**

No changes were made to the Articles of Association during the period.

### **Information About the Extraordinary General Assembly Meeting Held during the Period**

No Extraordinary General Assembly was held during the period.

### **Benefiting from Investments and Incentives during the Period**

The total expenditures made for the Design Center and computer software during the period amounted to TL 20.7 million. Among these expenditures, the total of R&D investment expenditures is 11.92 million TL, while the total of new investment and capacity increase expenditures is 5.46 million TL. The total of social security premium and support incomes during the period is 1.648.913,74 TL (31.12.2020 446,793 TL).

### **Information on Own Shares Acquired by the Company**

None.

### **Information on Lawsuits Filed Against the Company that May Affect the Company's Financial Status and Activities and Their Possible Consequences**

There is no lawsuit filed against the company that may affect the financial status and activities of the company.

### **Information on Legislative Changes**

#### **Change in Corporate Tax Rate**

With the change in the Corporate Tax Law, which was published in the Official Gazette dated April 22, 2021 and numbered 31462, the corporate tax rate, which was 20% as of March 31, 2021 in Turkey, increased to 25% for corporate earnings for 2021 and 23% will be applied for corporate earnings for 2022. The said application will be valid starting from 1 January 2021.

### **Relationships between the Audit and Rating Organizations and the Company**

There is no relationship between the Company and the institutions from which it receives consultancy services that will cause any conflict of interest.

## CHANGES BETWEEN THE END OF THE PERIOD AND THE PREPARATION OF THE REPORT

### 19.01.2022

In our announcements dated 31.05.2021, 16.11.2021, and 09.12.2021; we announced that In battery technologies, our 100% subsidiary Pomega Enerji Depolama Teknolojileri A.Ş., which is planned to carry out electrochemical energy storage cell production facility, energy storage cell production, battery pack production, energy storage system design and turnkey solution activities using lithium ion and other advanced technologies, was established.

The “Lithium Ion (LiFePO<sub>4</sub>) Battery Cell and Energy Storage Systems Factory”, which will be one of the firsts of Turkey, planned to be built on our 100-decare land in Ankara Polatlı Organized Industrial Zone in 3 phases with a total capacity of 1,000 MWh and a total investment cost of 180 million USD. The groundbreaking ceremony of the first phase of the 250MWh net capacity will be held in Ankara Polatlı Organized Industrial Zone on Tuesday, January 25<sup>th</sup>.

For the investment, the completion schedule, consolidated income and its contribution to our EBITDA are included in the Investor Presentation published on the Public Disclosure Platform on 1 December 2021.

Respectfully announced to the public and investors.

### PDP Announcement dated 19.01.2022

One of our subsidiaries, Progresiva Enerji Yatırımları Tic. A.Ş. made an application to the Energy Market Regulatory Authority (EMRA) for the establishment and operation of an independent 250MW connection and 1,000 MWh capacity electricity storage facility throughout the country.

Lithium-Ion storage units and systems will be used as electricity storage facility technology.

Respectfully announced to the public and investors.

In our PDP Announcements dated 21.01.2022, 04.01.2021 and 10.02.2021; we announced that

Supply of 220kV Indoor GIS system within the scope of 434 MW Namakvhani Hydroelectric Power Plant Project in Georgia, Upper Namakvhani Hydroelectric Power Plant and Lower Namakvhani Hydroelectric Power Plant; a contract was signed within the scope of design, manufacturing, engineering services, factory tests, delivery of the system to the site, installation supervision service, and high voltage tests of the system.

As a result of the notification of our employer asking for stopping all work regarding the aforementioned project, the contract between us and our employer was mutually terminated as of today, with a final account.

Respectfully announced to the public.

### PDP Announcement dated 31.01.2022

Our company received an international order from a customer abroad for the supply, installation and commissioning of two (2) 225 kV reactors.

Respectfully announced to public and our esteemed partners.

### PDP Announcement dated 31.01.2022

Our company signed a contract with Doğuş - Yapı Merkezi - Özaltın Ordinary Partnership within the scope of the Çekmeköy-Sancaktepe-Sultanbeyli (CSS) Metro “SCADA and Control Communication Systems” project.

Within the scope of the project; basic and detailed design, engineering services, SCADA, supply and integration of the control and communication system will be completed on a turnkey basis.

Respectfully announced to the public and our esteemed partners.

### PDP Announcement dated 03.02.2022

Our company signed a 1-year Executive Liability Insurance policy with a total liability limit of US\$ 2,000,000, exceeding 25% of its capital, in accordance with the Corporate Governance Principle numbered 4.2.8 of the Capital Markets Board's Corporate Governance Communiqué.

Respectfully announced to the public.

### KAP Statement dated 04.02.2022

Our company signed a contract with China CAMC Engineering Co., Ltd. - IC İçtaş İnşaat Sanayi ve Ticaret A.Ş. Unincorporated Association for engineering and service works in the Kavern region, Blanket Unit, Workshop and Guard House parts within the scope of Tuzgölü Natural Gas Storage Capacity Extension Project.

Respectfully announced to the public.

## **PDP Announcement dated 07.02.2022**

### **Kontrolmatik and Escar Join Forces**

In today's world, environmentalist approaches and increased sensitivity to global warming, as well as the damage caused by fossil fuels to the environment and the limitedness of these resources, support the rapid increase in investment in electric vehicle technologies and the widespread use of electric vehicles.

Our Company, which provides strategic solutions in the field of energy and technology, pursuant to its high potential, technology-oriented investment policy; and with the energy storage systems investment it has started, will provide solutions to reduce the damage to the environment in issues such as carbon emission and global warming, which are in the first place in Europe's Green Reconciliation action plan, aiming to bring renewable energy sources to the forefront in energy production in the coming period. Kontrolmatik plans to continue with its investment in "Electric car rental and sharing technologies", which is an important element of the widespread use of renewable energy sources, which it expects to continue its rapid development and use.

With this investment, which we believe will carry us further, we

join forces with Escar Turizm Taşımacılık Ticaret A.Ş., one of the pioneers of the fleet leasing industry for 20 years, with a solution-oriented service approach that makes a difference, and a business model that requires high customer loyalty and expertise; our Board of Directors decided to establish a company titled "Mint Elektrikli Araç Teknolojileri A.Ş." with a capital of 20 Million TL and a 40% Kontrolmatik 40% Escar partnership. With this new initiative, it is aimed to contribute to the technological development of our country in this field and to expand the use of electric vehicles.

Respectfully announced to the public and investors.

### **Public Disclosure dated 07.02.2022**

At the meeting of our Company's Board of Directors; it was decided unanimously as follows:

1. Establishing a company as our 100% Subsidiary in the United States to carry out works on the fields of activity of Kontrolmatik Teknoloji Enerji ve Mühendislik A.Ş.,
2. The title of the company to be established will be "Kontrolmatik Technologies Inc.",
3. The initial capital will be \$250,000,
4. Bahadır Yetki is appointed as the CEO of the company to be established, and he will be granted authorization to follow up and complete the establishment and start-up procedures,

Respectfully announced to the public and investors.

## **PDP Announcement dated 09.02.2022**

Within the scope of the first phase of the lithium ion (LiFePO4) battery cell and energy storage systems investment, which will be realized within our 100% subsidiary Pomega Enerji Depolama Teknolojileri A.Ş., a 10-year maturity loan agreement amounting to USD 44,750,000 as an investment loan was been signed as of today.

Respectfully announced to the public.

### **PDP Announcement dated 18.02.2022**

In our company's PDP announcement dated 09.12.2021, it was announced that;

The company "Pomega Enerji Depolama Teknolojileri Anonim Şirketi", which was decided to be established with the decision of Board of Directors dated 31.05.2021 and which was titled, and the land of 97.540.00 m<sup>2</sup> Located in Ankara Province, Polatlı District, Çekirdeksiz Mahallesi, 140134 Block 1 parcel, and the factory building was sold/ transferred to the said company with the decision of the Board of Directors dated 16.11.2021; was registered by the Polatlı Trade Registry Directorate on 08.12.2021 and it was published in the Turkish Trade Registry Gazette dated 09.12.2021 10469.

Based on our aforementioned Board of Directors decision, "the land of 97.540.00 m<sup>2</sup> Located in Ankara Province, Polatlı District, Çekirdeksiz Mahallesi, 140134 Block 1 parcel, and the factory building was transferred to our 100% subsidiary "Pomega Enerji Depolama Teknolojileri Anonim Şirketi".

Respectfully announced to the public.

## CHANGES BETWEEN THE END OF THE PERIOD AND THE PREPARATION OF THE REPORT

### **PDP Announcement dated 22.02.2022**

#### **General Disclosure on Financial Statements**

Kontrolmatik Teknoloji 01.01.2021-31.12.2021 Financial Report  
(<https://www.kap.org.tr/tr/Notice/1003614>)

### **PDP Announcement dated 22.02.2022**

Statement of Responsibility for Financial Reports as of 31 December 2021 (<https://www.kap.org.tr/tr/Notification/1003615>)

### **PDP Announcement dated 24.02.2022**

Our company participated in the tender with registration number 1005696, dated 24.02.2022, "DICLE EDAŞ DİYARBAKIR 3<sup>rd</sup> GROUP FACILITY CONSTRUCTION WORK in YEAR OF 2022." held by Dicle Elektrik Dağıtım A.Ş. and took the 1<sup>st</sup> place by presenting the most advantageous provide with a price of 49,849,200,74 TL excluding taxes.

In order to finalize the tender, pursuant to the provisions of the Tender Law, the decision of the tender commission will be awaited and the developments regarding the process will be shared with the public.

Respectfully announced to the public and investors.

### **PDP Announcement dated 24.02.2022**

Our company, participated in the tender with registration number 1005698, dated 24.02.2022, "DICLE EDAŞ MARDİN 2<sup>nd</sup> GROUP FACILITY CONSTRUCTION WORK in YEAR OF 2022." held by Dicle Elektrik Dağıtım A.Ş. and took the 1<sup>st</sup> place by presenting the most advantageous provide with a price of 56,403,463,24 TL excluding taxes.

In order to finalize the tender, pursuant to the provisions of the Tender Law, the decision of the tender commission will be awaited and the developments regarding the process will be shared with the public.

Respectfully announced to the public and investors.

### **PDP Announcement dated 25.02.2022**

In line with the latest developments regarding Russia,

Our company has decided to unilaterally suspend our business development activities and ongoing contract negotiations in Russia, which we have announced before.

Respectfully announced to the public.

### **PDP Announcement dated 25.02.2022**

Upon our following statement that we made today, "Our decision to suspend our business development activities and contract negotiations in Russia in line with the latest developments regarding Russia"

It is not expected to cause any change in our 2022-2026 income expectations.

Respectfully announced to the public.

### **PDP Announcement dated 03.03.2022**

Between our company and a foreign customer; an international sales contract with a total value of 6.400.000,-EURO was signed for the works of Wastewater Process Optimization, Automation and IoT. The duration of the work is 12 months.

Respectfully announced to the public.

### **PDP Announcement dated 04.03.2022**

As we have reported before; "upon application of one of our subsidiaries, Progresiva Enerji Yatırımları Tic. A.Ş.'s to the Energy Market Regulatory Authority (EMRA); a Supply License was granted by the TR Energy Market Regulatory Authority (EMRA) to trade electrical energy and/or capacity for 20 years, and for the Progresiva ESS-1 detached energy storage facility, within the scope of the Environmental Impact Assessment (EIA) Regulation, 1 (one) year and 18 months was given for the construction of the facility. The Lithium-Ion Energy Storage Facility to be established in Silivri, Istanbul will have 250MW connection power and 1,000 MWh total energy storage capacity. In the current energy conjuncture, the energy storage facility, which we think will contribute greatly to the security of energy supply and the development of alternative energy systems, will be the first in its field in Turkey and one of the few examples in the world.

Respectfully announced to the public.

### **PDP Announcement dated 06.03.2022**

Our company's; proposal given to the Iraqi Ministry of Electricity for the World Bank project "63 (MVA) 132/33kV PTR Equipment", in the amount of 3.550,000.-USD, was accepted and today we received a letter of invitation to the contract.

Respectfully announced to the public.



**PDP Announcement dated  
07.03.2022**

The Evaluation Report on the Assumptions Based on the Determination of the Public Providing Price prepared in accordance with Article 29/5 of the Share Communiqué No. VII/128.1 of the Capital Markets Board is attached.

Respectfully announced to the public and investors. [https://www.kap.org.tr/tr/ Notice/1007997](https://www.kap.org.tr/tr/Notice/1007997)

**PDP Announcement dated  
08.03.2022**

In our announcement dated 07.02.2022; we announced that

“It was decided to establish a company with an initial capital of 250,000.-USD as our 100% Subsidiary in the United States to carry out works on the fields of activity of Kontrolmatik Teknoloji Enerji ve Mühendislik A.Ş.”

The said company was established under the title “Kontrolmatik Technologies Inc.”

Respectfully announced to the public and investors.

**PDP Announcement dated  
09.03.2022**

As of today, we have been notified that as a result of the examinations and evaluations made by the Tender Commission, it was decided that our company's proposal to the tender of “Supply for Installation and Mains Connections of Battery Electricity Storage Systems at TEIAS Campus” with registration number 2021/898020 held by Türkiye Elektrik İletim A.Ş. Genel Müdürlüğü's the most economically advantageous provide and the work of “Supply for Installation and Mains Connections of Battery Electricity Storage Systems at TEIAS Campus” will be given to our company by contract.

Respectfully announced to the public and esteemed investors,

**PDP Announcement dated  
09.03.2022**

In our announcement dated 07.02.2022; we announced that  
“It was decided to establish a company with an initial capital of 250,000.-USD as our 100% Subsidiary in the United States to carry out works on the fields of activity of Kontrolmatik Teknoloji Enerji ve Mühendislik A.Ş.”

The company in question was established by the title “Kontrolmatik Technologies Inc.”

Respectfully announced to the public and investors. <https://www.kap.org.tr/tr/Bildirim/1008864>

## INTERNAL CHECK AND INTERNAL AUDIT ACTIVITIES

Our company is regulated in the Capital Markets Law No. 6362 ("CMB"), the Turkish Commercial Code No. 6102 ("TTK"), the Corporate Governance Communiqué (II-17.1) of the Capital Markets Board ("CMB") and the applicable Corporate Governance Communiqué. In accordance with the Corporate Governance Principles, the Audit Committee ("Committee") was established with the decision dated 08.03.2021 and numbered 2021/3. The Audit Committee was renewed at the company's board

of directors meeting after the Ordinary General Assembly dated 03.06.2021.

All company activities and operations are brought to the agenda and discussed in all aspects at the meetings held by the Company in certain periods, with the participation of the relevant unit managers and the entire senior management. It was ensured that the senior management was regularly informed about the internal reporting systems and processes.

Control and audit procedures in terms of cash flow, project progress, collection, credit/risk status assessment, expenditure and benefit-cost analysis related to employees were carried out regularly with the relevant unit managers, and the senior management was informed. The audit committee continues to work and as of December 31, 2021, no significant findings were encountered.

## ASSESSMENTS REGARDING RISK MANAGEMENT

The Covid-19 pandemic, which has been increasing its impact in our country since March 2020, has radically changed the risk perception and understanding for the world, humanity, countries, economies and companies in a sense that has come to the fore in the risk ranking. Along with it, protection measures and conflicts of interest between countries, the measures to be taken against the pandemic vary from country to country, and protectionism measures have emerged. Our company, which tries to get through this period with the least damage by taking various measures, continues to take and implement the necessary measures.

Kontrolmatik, acting with a human-oriented risk perception, prioritizes the health and safety of its employees and focuses on measures in this direction. In this period, policies are formed and implemented to prevent risks and minimize their effects, by giving maximum importance to OHS trainings and precautions.

In order to create scenarios for foreseeable and unforeseen risks and to develop preventive and protective strategies against these scenarios, the Board of Directors and senior management

work in a coordinated manner. Especially collection, resource management, budget balance, cash flow, currency risk, pandemic, occupational accident, etc. measures are being developed against risks.

On the other hand, the Internal Audit and Check Mechanism at the Company operates in many areas, particularly in the budget controls of projects, control and auditing of expenditures, and compliance with laws and regulations.

Periodic and cyclical evaluations are made in terms of Market Risk, Credit Risk, Liquidity Risk, Operational Risks, and measures and strategies to be developed against possible risks and risks are determined by the Board of Directors, senior management and expert consultants from outside the company.

The growing structure of the company has brought an increase in the number and quality of its employees, increasing business volume and new investments, R&D studies have increased the importance and working rhythm of the human resources unit in finding qualified employees who adopt the vision of the company and will produce added value.

It is important for the company to manage the risks in terms of retaining existing employees and preferability for job seekers. The Covid-19 pandemic and the uncertainty of the risks borne by new variants continue to affect working conditions in the geographies and office environments.

With the effective use of the ERP system, which is integrated into all processes in the company, it is ensured that the processes are carried out in accordance with the determined standards and as planned, while minimizing the human errors that may arise, early detection of risk and the effectiveness of the internal control system are increased.

In addition to the efforts to prevent possible risks that may arise and to minimize their effects, an effective insurance management is carried out to protect employees, customers, the environment and the company against their consequences.

Pursuant to the CMB Legislation, the Early Detection of Risk Committee was established on 08.03.2021. The Early Detection of Risk Committee held its first meeting on 06.04.2021 and convened four times during the period.

## CORPORATE GOVERNANCE PRINCIPLES COMPLIANCE STATEMENT – 2021

Our company has exercised due diligence in the implementation of the principles included in the Corporate Governance Principles published by the Capital Markets Board (CMB) in the accounting period of 01 January – 31 December 2021, and pursuant to the decision of the Capital Market Board dated 10.01.2019 and numbered 2/49, and Corporate Governance Communiqué numbered II-17.1., Corporate Governance Compliance Reports will be made on Public Disclosure Platform using Corporate Governance Compliance Report (URF) and Corporate Governance Information Form (KYBF) templates. The link to the relevant reports is available on our company's website at [www.kontrolmatik.com](http://www.kontrolmatik.com).

Our Corporate Governance Compliance Statement is attached.

### KONTROLMATİK TEKNOLOJİ ENERJİ VE MÜHENDİSLİK A.Ş.

#### CORPORATE GOVERNANCE PRINCIPLES COMPLIANCE STATEMENT 2021

Kontrolmatik Teknoloji Enerji Ve Mühendislik A.Ş. ("Company") aims to be a company that produces added value for all its stakeholders with its vision of technology-oriented development that will benefit people and the environment pursuant to sustainable growth by following the changing market conditions.

In this context; "Equality", "transparency", "accountability", which form the basis of corporate governance in its activities, and "responsibility" concepts and sustainability principles such as environmental protection, economic growth and social development are applied.

It exercises due diligence and effort to comply with the Capital Markets Law ("CMB") and the secondary regulations and decisions of the Capital Markets Board ("CMB").

In this context, in line with corporate governance efforts, corporate governance mechanisms are executed within the Company in line with principles. Compliance with the provisions stipulated by the CMB to be enforced has been accepted and full compliance with these provisions has been achieved. Utmost care is taken to comply with the voluntary principles, which are not obligatory to be complied with by the relevant legislation, and as of the current situation, no conflict of interest has arisen among the stakeholders regarding those that have not yet been fully complied with.

Explanations on compliance with corporate governance principles and those that have not yet been complied with in the annex of the Corporate Governance Communiqué for the activity period ending on 31 December 2021 are included in the Corporate Governance Compliance Report ("URF") and Corporate Governance Information Form ("KYBF") and other relevant sections of the report. Better operation of the processes pursuant to these principles within the corporate governance practices of the partnership in the future, and efforts to improve our corporate governance practices, including voluntary principles that have not been implemented in a limited number, will continue. In case of any change in the URF or KYBF during the period, material disclosure and updates will be made. Our Corporate Governance Principles Compliance Report has been made available to the shareholders and the public on the Public Disclosure Platform and on our company's website, [www.kontrolmatik.com](http://www.kontrolmatik.com), which will link to the relevant reports.

## CORPORATE GOVERNANCE PRINCIPLES COMPLIANCE REPORT - 2021

	Yes	Partially	No	Exempt	Irrelevant	Remarks
<b>Corporate Governance Compliance Report</b>						
<b>1.1. FACILITATING THE EXERCISE OF SHAREHOLDERS' RIGHTS</b>						
1.1.2 - Information and explanations that may affect the exercise of shareholder rights are made available to investors on the corporate website of the partnership.	X					
<b>1.2. RIGHT TO INFORMATION AND REVIEW</b>						
1.2.1- The company management has refrained from taking any action that would make it difficult to carry out a special audit.	X					
<b>1.3. GENERAL ASSEMBLY</b>						
1.3.2 - The Company has ensured that the agenda of the General Assembly is clearly stated and that each proposal is submitted under a separate heading.	X					
1.3.7 - Persons who have privileged access to partnership information have informed the board of directors to be included in the agenda in order to provide information on the transactions they have made on their behalf within the scope of the activity of the partnership in the general assembly.					X	A transaction in this context in 2021 hasn't happened.
1.3.8 - Members of the board of directors, other relevant persons, officials and auditors responsible for the preparation of the financial statements were present at the general assembly meeting.	X					
1.3.10- The amounts of all donations and aids and the beneficiaries are included in a separate item on the agenda of the General Assembly.	X					
1.3.11 - The General Assembly meeting was held open to the public, including the stakeholders and the media, without the right to speak.	X					
<b>1.4. VOTING RIGHT</b>						
1.4.1 - There are no restrictions or practices that make it difficult for the shareholders to exercise their voting rights.	X					
1.4.2-The company does not have any shares with privileged voting rights.	X					
1.4.3 - The Company has not exercised its voting rights in the General Assembly of any affiliate with which it has a mutual participation relationship, which also brings with it a dominance relationship.					X	Mutual- participation relationship that brings with it the dominance relationship of the company not available
<b>1.5. MINORITY RIGHTS</b>						
1.5.1- The Company has paid maximum attention to the exercise of minority rights.	X					
1.5.2-Minority rights are also granted to those who have less than one twentieth of the capital in the articles of association, and the scope of minority rights has been extended by arranging them in the articles of association.			X			Minority rights are not granted to those who own less than one twentieth of the capital in the articles of association, and the use of minority rights in the Company is subject to the Turkish Commercial Code, the Capital Markets Law, the relevant legislation and the communiqués and decisions of the Capital Markets Board. In this regard, the maximum care is taken



	Yes	Partially	No	Exempt	Irrelevant	Remarks
<b>1.6. DIVIDEND RIGHT</b>						
1.6.1 - The dividend distribution policy approved by the general assembly is disclosed to the public on the corporate website of the partnership.	X					
1.6.2 - The profit distribution policy includes minimum information that is clear enough for the shareholders to foresee the procedures and principles for the distribution of profit that the partnership will make in the future.	X					
1.6.3 - The reasons for not distributing the profit and the way of using the undistributed profit are stated in the relevant agenda item.					X	During the period, profit distribution was made
1.6.4 - The Board of Directors has reviewed whether a balance has been achieved between the interests of the shareholders and the interests of the partnership in the dividend distribution policy.	X					
<b>1.7. TRANSFER OF SHARES</b>						
1.7.1 - There are no restrictions that make the transfer of shares difficult.	X					
<b>2.1. CORPORATE WEBSITE</b>						
2.1.1 - The corporate website of the company contains all the elements included in the corporate governance principle numbered 2.1.1.	X					
2.1.2 - Shareholder structure (names, privileges, number and ratio of real person shareholders holding more than 5% of the issued capital) is updated on the corporate website at least every 6 months.	X					
2.1.4 - The information on the corporate website of the company has been prepared in foreign languages chosen according to needs, with the same content as Turkish.		X				The investor relations section on the corporate website of the company has been prepared only in Turkish, and efforts are underway to prepare it in English in 2022. The sections other than investor relations are also prepared in English.
<b>2.2. ACTIVITY REPORT</b>						
2.2.1 - The Board of Directors ensures that the annual report fully and accurately reflects the company's activities.	X					
2.2.2 - The annual report includes all the elements in the principle numbered 2.2.2.	X					
<b>3.1. COMPANY POLICY ON STAKEHOLDERS</b>						
3.1.1 - Rights of stakeholders are protected pursuant to the relevant regulations, contracts and goodwill rules.	X					
3.1.3 - Policies and procedures regarding the rights of stakeholders are published on the corporate website of the company.	X					
3.1.4 - Necessary mechanisms have been established for stakeholders to report illegal and ethically inappropriate transactions.	X					
3.1.5 - The Company handles conflicts of interest among stakeholders in a balanced way.	X					
<b>3.2. SUPPORTING STAKEHOLDERS' PARTICIPATION IN COMPANY MANAGEMENT</b>						
3.2.1 - Employees' participation in management is regulated by the articles of association or in-company regulations.		X				Although there is no provision in the Articles of Association, the participation of employees in the management through internal regulations (Kontrolmatik Complaint/ Petition/ Request Evaluation System). supported
3.2.2 - Methods such as surveys/consultations have been applied to obtain the opinions of stakeholders in important decisions that have consequences for the stakeholders.		X				Although applications such as surveys or consultations are not carried out to get the opinions of the stakeholders, mutual meetings with the aforementioned parties are carried out.
<b>3.3. COMPANY'S HUMAN RESOURCES POLICY</b>						
3.3.1 - The company has adopted an equal opportunity employment policy and a succession planning for all key managerial positions.		X				Both the human resources policy and the ethical policy of the company include equal opportunity provisions in recruitment, although there is no written succession planning, it is planned to be written in 2022.
3.3.2 - The criteria for personnel recruitment have been determined in writing.	X					

## CORPORATE GOVERNANCE PRINCIPLES COMPLIANCE REPORT - 2021

	Yes	Partially	No	Exempt	Irrelevant	Remarks
3.3.3 - The company has a Human Resources Development Policy and, in this context, it organizes trainings for employees.	X					
3.3.4 - Meetings were held to inform employees about the financial situation of the company, remuneration, career planning, education and health.		X				While notifications were made, meetings were not held
3.3.5 - Decisions that may affect the employees have been notified to them and their representatives. Opinions of the relevant unions were also taken on these issues.		X				Employees are informed about related issues, but a union where our employees are registered. is not available
3.3.6 - Job descriptions and performance criteria were prepared in detail for all employees, announced to employees and used in remuneration decisions.		X				Job descriptions have been prepared for all employees and positions, verbal and written information has been given to the employees, performance criteria are followed up by the HR management and unit managers, and information is given to the senior management to be used in remuneration decisions.
3.3.7 - Measures such as procedures, trainings, awareness raising, targets, monitoring and complaint mechanisms have been taken to prevent discrimination among employees and to protect employees against physical, mental and emotional ill-treatment within the company.	X					
3.3.8 - The Company supports the freedom of association and the effective recognition of the right to collective bargaining.		X				Although there is no association or union in the company, and the employees do not have any initiatives, wishes and desires in this direction, there is no restrictive practice.
3.3.9 - A safe working environment is provided for the employees.	X					
<b>3.4. RELATIONS WITH CUSTOMERS AND SUPPLIERS</b>						
3.4.1-The company measures customer satisfaction and operates with an understanding of unconditional customer satisfaction.	X					
3.4.2 - When there is a delay in processing the customer's requests for the goods and services purchased, this situation is notified to the customers.	X					
3.4.3 - The company adheres to quality standards for goods and services.	X					
3.4.4 - The Company has controls to protect the confidentiality of sensitive information of customers and suppliers pursuant to the trade secrets.	X					
<b>3.5. ETHICS AND SOCIAL RESPONSIBILITY</b>						
3.5.1 - The Board of Directors has determined the Code of Ethical Conduct and published it on the corporate website of the company.		X				As of the report date, although we have an Ethical Rules policy, it is not available on our corporate website. Ethical rules policy is planned to be shared on the corporate website as soon as possible.
3.5.2- The partnership is sensitive to social responsibility. It has taken measures to prevent corruption and bribery.	X					
<b>4.1. FUNCTION OF BOARD OF DIRECTORS</b>						
4.1.1-The Board of Directors ensures that strategies and risks do not threaten the long-term interests of the company and that an effective risk management is implemented.	X					
4.1.2-Meeting agenda and minutes reveal that the board of directors discussed and approved the company's strategic goals, determined the resources needed, and audited the management's performance.	X					
<b>4.2. ACTIVITY PRINCIPLES OF THE BOARD OF DIRECTORS</b>						
4.2.1-The Board of Directors documented its activities and presented it to the information of the shareholders.	X					
4.2.2-Duties and authorities of the members of the board of directors are explained in the annual report.	X					
4.2.3 - The Board of Directors has established an internal control system suitable for the scale of the company and the complexity of its activities.	X					
4.2.4-Information on the functioning and effectiveness of the internal control system is given in the annual report.	X					

	Yes	Partially	No	Exempt	Irrelevant	Remarks
4.2.5 - Duties of chairman of the board of directors and chief executive officer (general manager) are separated and defined.	X					
4.2.7-The Board of Directors ensures the effective functioning of the investor relations department and the corporate governance committee, and has worked closely with the investor relations department and the corporate governance committee in resolving the disputes between the company and the shareholders and communicating with the shareholders.	X					
4.2.8 - With regard to the faults of the members of the board of directors during their duties and the damage they may cause to the company, the Company has taken out executive liability insurance for an amount exceeding 25% of the capital.			X			It was built in 2022.
<b>4.3. STRUCTURE OF THE BOARD OF DIRECTORS</b>						
4.3.9- By setting a minimum 25% target rate for female members in the company's board of directors, it has established a policy to achieve this goal. The structure of the board of directors is reviewed annually and the nomination process is carried out in accordance with this policy.			X			There is no policy or target regarding the election of female members to the Board of Directors. In the Board of Directors elected in the Ordinary General Assembly of 2020, one female member serves as an independent board member, and the rate of female members is 20% at present.
4.3.10 - At least one of the members of the audit committee has 5 years of experience in auditing/accounting and finance.	X					
<b>4.4. FORM OF BOARD MEETINGS</b>						
4.4.1 - All board members physically attended most board meetings.	X					
4.4.2 - The Board of Directors has defined a minimum period for sending information and documents related to the agenda items to all members before the meeting.		X				In accordance with its working principles, the Board of Directors has not defined a specific period for sending the relevant information and documents to the members before the meeting. However, in accordance with the intensity and content of the agenda, information and documents are sent to all members in a sufficient time.
4.4.3 - The opinions of the member who could not attend the meeting but who submitted his/her views in writing to the board of directors were submitted to the information of the other members.					X	Members, who did not attend the Board of Directors meetings, did not submit their written statements.
4.4.4 - Each member of the Board of Directors has one vote.	X					
4.4.5 - The manner in which the meetings of the board of directors will be held has been written down in the internal regulations of the company.	X					
4.4.6 - The memorandum of meeting of the board of directors reveals that all the items on the agenda have been discussed, and the memorandum is prepared in a way that includes dissenting opinions.	X					
4.4.7 - Members of the board of directors are restricted from taking on other duties outside the company. Duties assumed by the members of the board of directors outside the company were presented to the information of the shareholders at the general assembly meeting.			X			Members of the Board of Directors are not restricted from taking on other duties outside the company. The members of the Board of Directors of the Company were given permission at the General Assembly to carry out the transactions specified in Articles 395 and 396 of the Turkish Commercial Code. Information on the duties held by the members of the Company's Board of Directors outside the Company is submitted to the board of directors under the corporate governance heading of the company page on the Public Disclosure Platform.

## CORPORATE GOVERNANCE PRINCIPLES COMPLIANCE REPORT - 2021

	Yes	Partially	No	Exempt	Irrelevant	Remarks
<b>4.5. COMMITTEES ESTABLISHED WITHIN THE BOARD OF DIRECTORS</b>						
4.5.5 - Each member of the board of directors takes part in only one committee.			X			Due to the number of Board members and committee forming requirements, two independent Board members take part in more than one committee. Due to the number of independent members of the Board of Directors, Any change in the current situation is not planned
4.5.6- The committees invited the people they deem necessary to take their opinions to the meetings and took their opinions.	X					
4.5.7 - Information on the independence of the person/organization that the committee receives consultancy services from is included in the annual report.			X			There is no person or organization from which the committees receive consultancy services.
4.5.8 - A report was prepared on the results of the committee meetings and presented to the members of the board of directors.	X					
<b>4.6. FINANCIAL RIGHTS PROVIDED TO MEMBERS OF THE BOARD OF DIRECTORS AND MANAGERS WITH ADMINISTRATIVE RESPONSIBILITY</b>						
4.6.1 - The board of directors has conducted a performance evaluation to assess whether it has fulfilled its responsibilities effectively.			X			No performance evaluation of the board of directors has been made
4.6.4 - The company did not make any of the members of the board of directors or executives with administrative responsibility use loans, did not lend or extend the term of the loan, did not improve the conditions, did not make loans under the title of personal loan through third parties or did not give guarantees such as surety in favor of them.	X					
4.6.5 - The remunerations given to the members of the board of directors and executives with administrative responsibility are disclosed in the annual report on an individual basis.		X				Partial compliance with the relevant article is achieved due to determination of the honorarium paid to the members of the Board of Directors at the General Assembly pursuant to the article regarding the payments made to the Members of the Board of Directors and the executives with administrative responsibility, and the disclosure of the wages paid to the executives with administrative responsibility in the Company's Annual Report, not on an individual basis, but collectively in line with the general practice.



## CORPORATE GOVERNANCE INFORMATION FORM - 2021

### 1. SHAREHOLDERS

#### 1.1. Facilitating the Exercise of Shareholder Rights

Number of investor conferences and meetings held by the company throughout the year 29

#### 1.2. Right to Information and Review

Number of special auditor requests none

Number of special auditor requests accepted at the general assembly meeting none

#### 1.3. General Assembly

Link to the PDP announcement where the information requested under Principle 1.3.1 (name) is announced <https://www.cap.org.tr/tr/Notice/936036>

Whether the documents related to the general assembly meeting are presented simultaneously in Turkish and in English. Not presented

Links to PDP announcements regarding transactions without the approval of the majority of the independent members or unanimous consent of the participants, pursuant to the Principle 1.3.9. None

Links to PDP announcements regarding related party transactions carried out pursuant to the Article 9 of the Corporate Governance Communiqué (II-17.1) None

Links to PDP announcements regarding common and continuous transactions carried out pursuant to the Article 10 of the Corporate Governance Communiqué (II-17.1) None

The name of the section on the company's corporate website including the policy on donations and aids Investor Relations / Corporate Governance / Donations and Help Policy

Link to the PDP announcement containing the minutes of the general assembly in which the policy on donations and aids was accepted <https://www.cap.org.tr/tr/Notice/939988>

Article number in the articles of association regulating the participation of stakeholders in the general assembly 11

Information about the stakeholders attending the general assembly Only the shareholders attended the General Assembly.

#### 1.4. Voting Rights

Whether there is a privilege in voting None

If there is privilege in voting, privileged shareholders and their voting rates -

Shareholding ratio of the largest shareholder 38.10%

#### 1.5. Minority Rights

Whether minority rights are expanded (in terms of content or proportion) in the company's articles of association No

If the minority rights are expanded in terms of content and rate, the number of the relevant articles of association specify -

#### 1.6. Dividend Rights

The name of the section on the corporate website including the profit distribution policy Home/Investor Relations/Dividend Policy

If the board of directors proposes not to distribute the profit to the general assembly, the minutes of the general assembly agenda item stating the reasons for this and the use of the undistributed profit Profit distributed

If the board of directors proposes not to distribute the profit to the general assembly, the link to the PDP announcement containing the relevant general assembly minutes Profit distributed

Notification Content

#### General Assembly Meetings

General Assembly	Number of additional calling into question forwarded to the company with regard to General Assembly agenda	Shareholders participation rate to the general assembly	Rate of directly represented shares	Name of the section in Company's corporate web site With positive and Negative votes about each agenda item on the website.	Name of the section in Company's corporate web site Addressing questions and their answers at the meeting	General Assembly meeting minutes or article number related with the relevant parties	Number of people with opportunity to reach to partnership information in a management privileged way (list of inside learners)	Link to general assembly notice published on PDP published
3.06.2021	0	76.20%	76.20%	0%	Investor Relations / General Assembly Information	Investor Relations / General Assembly Information	21	<a href="https://www.kap.org.tr/tr/Notice/939988">https://www.kap.org.tr/tr/Notice/939988</a> <a href="https://www.kap.org.tr/tr/Notice/936036">https://www.kap.org.tr/tr/Notice/936036</a> <a href="https://www.kap.org.tr/tr/Notice/939988">https://www.kap.org.tr/tr/Notice/939988</a>

## CORPORATE GOVERNANCE INFORMATION FORM - 2021

**2. PUBLIC DISCLOSURE AND TRANSPARENCY****2.1. Corporate Website**

The names of the sections that contain the information requested in the corporate governance principle no. 2.1.1 on the corporate website.	www.kontrolmatik.com "Investor Relations" section at
The section that contains the list of real person shareholders owning more than 5% shares directly or indirectly on the corporate website	www.kontrolmatik.com Investor Relations at>Affiliate Structure
Languages in which the corporate website is prepared	Turkish and English

**2.2. Activity report**

Page numbers or section names in the annual report where the information specified in the corporate governance principle no. 2.2.2.

a) The page number or the name of the section with the declarations of the members of the board of directors and executives about their duties outside the company as well as their independence members.	Board of Directors, Senior Executives and Personnel Information
b) Page number or section name of the information regarding the committees formed within the Board of Directors	Information About the
c) Page number or section name of the number of meetings of the board of directors during the year and the attendance status of the members	Committees Board of Directors, Senior Executives and
c) Page number or section name of the information about the legislative changes that may significantly affect the activities of the company.	Personnel Information
d) Page number or section name of information about significant lawsuits brought against the company and their possible consequences	Corporate Governance
e) Page number or section name of the information regarding the conflicts of interest between the company and the organizations that it provides services such as investment consultancy and rating, and the measures taken to prevent them	Related services are not available.
f) Page number or section name of the information regarding cross-subsidiaries in which the direct capital participation rate exceeds 5%	There is no mutual participation.
g) Page number or section name of information on corporate social responsibility activities related to social rights, vocational training and other company activities that have social and environmental consequences.	Rights and Benefits Provided to Personnel and Workers

**3. STAKEHOLDERS****3.1. Company Policy Regarding Stakeholders**

Name of the section on the corporate website that includes the compensation policy	The company's compensation issues are carried out by the relevant provisions of the Labor Law.
Number of final judgments against the company due to violation of employee rights	None.
Title of the official related to the reporting mechanism	Company Lawyer
Access information to the company's reporting mechanism	Although it is not on the corporate website of the company, The company lawyer can be reached at +90(212)6592441.

**3.2. Supporting Stakeholders' Participation in Company Management**

Name of section on the corporate website, containing the internal regulations pertaining to the participation of employees in the management bodies	-
Management bodies where employees are represented	Our employees participate in the management in various ways and share their suggestions and opinions. Opinions of each of our employees who participate in the employee loyalty and evaluation survey, which is applied periodically, are taken in the form of questionnaires and open-ended answers. Through various meetings and organizations, information about the company is shared with employees and other stakeholders, and their questions and opinions are received.

**3.3. Company's Human Resources Policy**

Role of the board in developing a succession planning for key executive positions	There is no succession planning.
Name of the section on the corporate website that includes the human resources policy, including equal opportunity and personnel recruitment criteria, or the summary of the relevant articles of the policy	The company's human resources policy is not publicly available. In the Human Resources policy, criteria for the evaluation of the candidates that do not have the qualifications required by the job are determined.
In this context, the fact that people have the qualifications required by the job is decisive in the human resources policy, and there are no elements that harm the equality of opportunity. There are provisions in our Code of Ethics to ensure equality of opportunity in employee relations. Whether there is a stock ownership program	There isn't any employee stock ownership program
name of the section on the corporate website that includes the human resources policy, which includes measures to prevent discrimination and ill-treatment, or the summary of the relevant articles of the policy	Although our human resources policy is not included on our corporate website, we are talking about our values under the heading "Join us". Our human resources policy is supported by our Code of Ethics and includes provisions stating that employees will not be discriminated against or ill-treated for any reason.
Number of final judgments against the company due to liability related work accidents	Not available.

### 3.5. Ethical Rules and Social Responsibility

Name of the section on the corporate website where the code of ethics is included	As of the report date, although we have an Ethical Rules policy, it is not available on our corporate website. Ethical rules policy is planned to be shared on the corporate website as soon as possible.
Name of the section on the corporate website that includes the corporate social responsibility report. If there is no corporate social responsibility report, measures taken on environmental, social and corporate governance issues	We include the following sharings to document, certify and continuously improve our quality management system in a way that meets the requirements of the ISO 9001:2015 standard, to achieve and unite goals in a team spirit based on the Total Quality philosophy, to review business processes with the self-assessment process, to determine preventive approaches to improve performance, Environmental, Occupational Health and Safety Management Systems; to manage in an integrated way. At Kontrolmatik, we pay attention to ensure that the technologies we use in every field we operate are the most efficient and have the least impact on the environment. While we try to reduce our carbon footprint with different solutions developed by our engineers, we also provide the technological infrastructures that can work with high efficiency in the production lines and facilities of our customers. With our mobile hybrid solutions, we take energy to regions where energy cannot be transmitted, and ensure that regions meet their heating, cooling and irrigation needs to a minimum. We know that for a sustainable future, our resources must be used correctly, and we maximize efficiency in all facilities and power plants with our new software and automation solutions. To ensure maximum benefit, we focus on the following issues; Quality Education, Gender Equality, Economic and Clean Energy, Industry, Innovation and Infrastructure Production and Consumption with Responsibility
Measures taken to combat all forms of corruption, including extortion and bribery	All necessary obligations in this regard are fulfilled. Within the scope of audit activities, preventive and deterrent audits are carried out, helping to strengthen internal control awareness and measures.

## 4. BOARD OF DIRECTORS-I

### 4.2. Operating Principles of the Board of Directors

Date of the most recent board performance review	Our company's board of directors has not been evaluated for performance.
Whether independent experts are used in the performance evaluation of the board of directors	No
Whether all board members have been discharged	Yes
Names of the members of the board of directors to whom authority has been transferred with the distribution of duties and the content of the said authorities	Sami Aslanhan, Chairman of the Board of Directors, and Ömer Ünsalan, Deputy Chairman of the Board of Directors, represent our company with individual signing powers.
Number of reports submitted by the internal control unit to the audit committee or other relevant committees	2
The name or page number of the section in the annual report where the evaluation of the effectiveness of the internal control system takes place.	Corporate Management
Name of chairman of the board	Sami Aslanhan
Name of chief executive/general manager	Osman Sahin Kosker
Link to the PDP announcement stating the reason for the chairman of the board of directors and chief executive officer/general manager to be the same person	It's not the same person.
Link to the PDP announcement that the faults of the members of the board of directors during their duties and the damage they may cause to the company are insured for a price exceeding 25% of the company's capital	-
Name of the section on the corporate website that provides information on the diversity policy to increase the proportion of female board members	-
Number and proportion of female members	1 - 20%

## CORPORATE GOVERNANCE INFORMATION FORM - 2021

## Structure of the Board of Directors

Name /Surname of Member of Board of Directors	Being in Charge of the Execution	Being an Independent Member	Date of First Election to the Board of Directors	PDP Announcement Link with Ind. Declaration	Evaluated by Nomination Committee	Member Losing Independency	Minimum 5 Years of Experience in Finance and/or Accounting
Sami Aslanhan	executive officer	Not an Independent Member	3.09.2014	-	Not Evaluated	No	
Omer Unsalan	executive officer	Not an Independent Member	3.09.2014	-	Not Evaluated	No	
Murat Ozvardar	Not executive	Not an Independent Member	13.11.2020	-	Not Evaluated	No	
Burhanettin Koray Tuncalp	Not executive	Independent Member	29.05.2020	<a href="https://www.kap.org.tr/en/Declaration/941768">https://www.kap.org.tr/en/Declaration/941768</a> Not Evaluated	No	Yes	Evet
Bikem Kanik	Not executive	Independent Member	3.06.2021	<a href="https://www.kap.org.tr/en/Declaration/941768">https://www.kap.org.tr/en/Declaration/941768</a> Not Evaluated		No	Yes

## 4. BOARD OF DIRECTORS-II

## 4.4. Form of Board of Directors Meetings

Number of physical meetings of the board of directors during the reporting period, 38

Average attendance rate to board meetings 85%

Whether an electronic portal is used to facilitate the work of the board of directors No

the number of days before the meeting, the information and documents are presented to the members in accordance with the working principles of the board of directors. In accordance with its working principles, the Board of Directors has not defined a specific period for sending the relevant information and documents to the members before the meeting. However, in accordance with the intensity and content of the agenda, the information and documents are sent to all members in sufficient time.

Name of the section on the corporate website that contains information about the internal regulations of the company, which determines how the meetings of the board of directors will be held. Investor Relations / Corporate Governance / Articles of Association

The upper limit in the policy that limits members from taking on other roles outside the company. Our company does not have a policy that limits the members of the Board of Directors from taking on other duties outside the company.

## 4.5. Committees Established within the Board of Directors

The page number or the name of the relevant section in the annual report that contains information about the committees of the board of directors Corporate Governance/Committees

Link to the PDP announcement where the working principles of the committee are announced <https://www.kap.org.tr/Statement/916222>

## Board Committees-I

Board of Directors Names of Committees	Indicated as "Other" in the First Column Name of Committee	Committee Members Name and surname	Becoming the Committee Chairman	Becoming a Board Member
Audit Committee (Audit Committee)		Burhanettin Koray Tuncalp	Yes	Board member
Audit Committee (Audit Committee)		Bikem Kanik	No	Board member
Corporate Governance Committee		Bikem Kanik	Yes	Board member
Corporate Governance Committee		Burhanettin Koray Tuncalp	No	Board member
Corporate Governance Committee		Murat Ozvardar	No	Board member
Corporate Governance Committee		Metin Demir	No	Not board member
Committee of Early Detection of Risk		Bikem Kanik	Yes	Board member
Committee of Early Detection of Risk		Burhanettin Koray Tuncalp	No	Board member
Committee of Early Detection of Risk		Murat Ozvardar	No	Board member
Committee of Early Detection of Risk		Omer Unsalan	No	Board member



#### 4. BOARD OF DIRECTORS-III

##### 4.5. Committees Established within the Board of Directors-II

Indicate the section of the annual report or corporate website where the audit committee provides information about its activities (page number or section name)	Annual report/Committees, Website/Investor relations/Corporate Governance/Audit Committee
Indicate the section of the annual report or corporate website where information about the activities of the corporate governance committee is given (page number or name of the section)	Annual report/Committees, Website/Investor relations/Corporate Governance/Corporate Governance committee
Indicate the section of the annual report or corporate website where information about the activities of the nomination committee is given (page number or name of the section)	The Corporate Governance Committee fulfills the duties of the nomination committee.
Indicate the section of the annual report or corporate website where information about the activities of the early detection of risk committee is given (page number or name of the section)	Annual report/Committees, Website/Investor relations/Corporate Governance/Early Detection of Risk committee
Specify the section of the annual report or corporate website where information about the activities of the remuneration committee is given (page number or name of the section)	Duties of the remuneration committee Corporate Governance Committee fulfills.

##### 4.6. Financial Rights Provided to Members of the Board of Directors and Managers with Administrative Responsibility

Under the heading "Financial Information" of the annual report	The page number or section name of the annual report where information about the operational and financial performance targets and whether they have been achieved or not
Name of the section of the corporate website that includes the remuneration policy for executive and non-executive members	Investor Relations/Corporate Governance/Remuneration policy
Page number or section name of the annual report in which the remuneration and all other benefits provided to the members of the board of directors and executives with administrative responsibility are indicated.	Corporate Governance/Financial Rights Provided to Members of the Board of Directors and Senior Executives

##### Board Committees-II

Names of Board Committees	Name of Committee Specified as other in column one	Ratio of Non-Executive Committee Managers	Ratio of Independent Members in the Committee	Number of Physical Meetings of Committee	Number of Reports Presented to the Board By Committee about its Activities
Audit committee		100%	100%	4	4
Corporate Governance committee		100%	50%	3	3
Committee of Early Detection of Risk		75%	50%	4	4

## SUSTAINABILITY PRINCIPLES COMPLIANCE FRAMEWORK

In the Corporate Governance Communiqué numbered II-17.1, necessary additions were made to the 1<sup>st</sup> and 8<sup>th</sup> articles of the Corporate Governance Communiqué in order to ensure that the basic principles (Sustainability Principles Harmonization Framework) that are expected to be disclosed while conducting Environmental, Social and Corporate Governance activities of publicly held partnerships can be shared with the stakeholders. Communiqué on the Amendment of the Communiqué (II17.1) (II-17.1.a)" was published in the Official Gazette on 2 October 2020 and entered into force.

In their annual reports, partnerships include an explanation whether the sustainability principles are applied or not, and if not, the reasoned explanation regarding this, and the impacts in environmental and social risk management due to failure to fully comply with these principles. "Sustainability Principles Compliance" determined by the Capital Markets Board ("CMB") Framework" contains the basic principles that publicly traded partnerships are expected to explain while carrying out their Environmental, Social, Corporate Governance ("ESG") activities. The principles regarding the content and publication of the sustainability principles harmonization framework are determined and announced by the Capital Market Board.

Pursuant to the information disclosed in the Communiqué on the Amendment of the Management Communiqué (II-17.1) (II-17.1.a)" published in the Official Gazette on October 2, 2020, although the implementation of the Sustainability Principles announced by the Board is voluntary, it should be explained with the principle of "Act or Explain".

As of the current situation, there is no conflict of interest among the stakeholders regarding those that have not yet been fully complied with. The company adheres to the principles of sustainability in its activities and makes the utmost effort to adapt. Efforts to develop Corporate Governance practices will continue.

## KONTROLMATİK 2021 SUSTAINABILITY PRINCIPLES COMPLIANCE REPORT

TYPE OF PRINCIPLE	POLICY CODE	POLICY NO	STATEMENT OF PRINCIPLE	STATUS OF COMPLIANCE	REMARKS
A. GENERAL	A1. Strategy, Policy and Goals	1	The Board of Directors determines ESG material issues, risks and opportunities and establishes appropriate ESG policies. In terms of the effective implementation of the said policies; Intra-partner directives, business procedures, etc. can be prepared. The Board of Directors takes the decision for these policies and discloses them to the public.	Partial Compliance	<p>The risks and opportunities of the Board of Directors are determined with the contributions of the Audit Committee and the Early Detection of Risk Committees. In addition, within the scope of the provisions of the Capital Markets Board (CMB) Corporate Governance Principles, the Corporate Governance Committee has been appointed to make recommendations and recommendations to the Board of Directors in order to improve our Company's corporate governance practices.</p> <p>Although we have ESG policies such as Information Policy, Dividend Distribution Policy, Remuneration Policy, Donation and Aid Policy, some policies have not been established yet, and some existing ones need to be updated with the decision of the Board of Directors, thus ensuring partial compliance with the article. In 2022, the writing of the missing policies and the decisions that were not passed by the Board of Directors were put on the agenda again and put into effect with the approval of the Board of Directors. is planned to be installed.</p>
		2	It determines the Partnership Strategy appropriate to ESG policies, risks and opportunities. Set short and long-term goals in line with partnership strategy and ESG policies determined and made public.	Partial Compliance	<p>The company started to set its short and long-term goals in line with its partnership strategy and ESG policies as of 2022 and recently became a member of UNGC Turkey. Within the scope of the wide-ranging sustainability works planned to be initiated together with the sustainability statement, public disclosure is planned.</p>
	A2. Implementation/ Monitoring	3	It identifies and publicizes the committees/units responsible for the implementation of ESG policies. The responsible committee/unit reports to the Board of Directors at least once a year for the activities carried out within the scope of the policies and in any case within the maximum periods determined for the disclosure of annual activity reports to the public in the relevant regulations of the Board.	Partial Compliance	<p>Although the committee responsible for the execution of ESG policies has not been determined in our company, the Corporate Governance Committee monitors the efforts in this direction. In this context. No reporting has been made, and the sustainability department, which was established in 2022, has started the necessary works.</p> <p>With the establishment of the Sustainability Committee in 2022 to determine policies, and to evaluate works, reporting will begin.</p>
		4	It creates implementation and action plans in line with the determined short- and long-term goals and discloses them to the public.	Full Compliance	<p>In line with the ESG issues, the process of determining the sustainability strategy and appropriate targets continues. In 2022, within the scope of sustainability works, public disclosure is planned.</p>
		5	It determines the ESG Key Performance Indicators (KPI) and discloses them comparatively on a yearly basis. In case of availability of verifiable data, It presents KPGs with local and international industry comparisons.	Incompatible	<p>ESG Key Performance Indicators have not been made public. It has started to set short and long-term targets in line with ESG policies as of 2022, and public disclosure is planned within the scope of comprehensive sustainability works in the near future.</p>
		6	Discloses innovation activities that improve sustainability performance for business processes or products and services.	Full Compliance	<p>The company offers sustainable products, technologies and services. innovation activities to improve sustainability for business processes or products and services performance is already in line with business activities, as explained on the website.</p>

TYPE OF PRINCIPLE	POLICY CODE	POLICY NO	STATEMENT OF PRINCIPLE	STATUS OF COMPLIANCE	REMARKS
A. GENERAL	A3.reporting	7	It reports and publicly discloses its sustainability performance, goals and actions at least once a year. Information on sustainability activities is included in the annual report.	Incompatible	The company has applied for UNGC Turkey membership, its membership will become active by 2022, and its sustainability activities is included in the 2022 Year-end Annual Report. sustainability performance, targets and actions will be disclosed public.
		8	It is essential to share information that is important for the stakeholders in terms of understanding the position, performance and development of the partnership in a direct and concise manner. It can also disclose detailed information and data on the corporate website, and can prepare separate reports that directly meet the needs of different stakeholders.	Partial Compliance	Within the scope of the Company's Information and Data Disclosure Policy; Our company's corporate website, financial reports, annual reports, and PDP notifications are regularly shared in a direct and concise manner.
		9	It takes the utmost care in terms of transparency and reliability. Within the scope of the balanced approach, it discloses all kinds of developments on material issues in explanations and reports in an objective way.	Full Compliance	The company pays utmost attention to transparency and reliability. An objective approach with the responsibility of being a public company in the statements and reports is observed.
		10	It gives information about which of the United Nations (UN) 2030 Sustainable Development Goals are related to its activities?	Incompatible	The company has applied for UNGC Turkey membership, its membership will become active by 2022 and United Nations (UN) 2030 Sustainable Development Goals related activities and information will be given as of 2022.
		11	It gives statement on lawsuits filed and/or concluded against environmental, social and corporate governance issues	Irrelevant	There are no lawsuits filed and/or concluded against environmental, social and corporate governance issues. For this reason, compliance with the item was considered irrelevant.
	A4.Verification	12	It publicly discloses sustainability performance measures if verified by independent third parties (independent sustainability assurance providers) and strives to increase such verifications.	Incompatible	Our company does not have a Sustainability Report yet, so performance measurements that are verified by independent sustainability assurance providers are not available yet. The company has started to set its targets as of 2022, and within the scope of comprehensive sustainability works planned to be initiated with the UNGC Turkey membership in the near future, a sustainability report will be published as of the end of 2022.
B. ENVIRONMENT	B. Environmental Principles	13	It discloses its policies and practices, action plans, environmental management systems (known by the ISO 14001 standard), and programs in the field of environmental management.	Partial Compliance	Our company has ISO 14001 EMS and fulfills its requirements. It has begun to make the necessary explanations about its policy, practice, and action plans in the field of environmental management as a result of the sustainability works focused on with the year 2022.
	B. Environmental Principles	14	It complies with environmental laws and other relevant regulations and Discloses it.	Partial Compliance	Our company has ISO 14001 EMS and fulfills its requirements. Environmental laws and other relevant regulations are followed meticulously and care is taken to ensure that all our suppliers are fully compliant with environmental regulations. However, partial compliance is provided with the article, since there is no public disclosure regarding the relevant compliance.
	B. Environmental Principles	15	It discloses the constraints on the environmental report to be included in the report to be prepared within the scope of the Sustainability Principles, the reporting period, the reporting date, the data collection process and the reporting conditions.	Incompatible	"It will start its UNGC membership as of March 2022, and as of the end of 2022 its first report will be published. "

## KONTROLMATİK 2021 SUSTAINABILITY PRINCIPLES COMPLIANCE REPORT

TYPE OF PRINCIPLE	POLICY CODE	POLICY NO	STATEMENT OF PRINCIPLE	STATUS OF COMPLIANCE	REMARKS
B. ENVIRONMENT	B. Environmental Principles	16	It discloses the highest level responsible in the partnership regarding the environment and climate change, the relevant committees and their duties.	Partial Compliance	In order to ensure that all sustainability activities, including environment and climate change, are carried out in a healthy manner, the Sustainability Committee has been established, and the duties and working principles of the committee will be disclosed to the public following the discussion at the Company's Ordinary General Assembly for 2022 in accordance with the Articles of Association.
	B. Environmental Principles	17	It discloses the incentives it offers for the management of environmental issues, including the achievement of objectives.	Incompatible	Incentive for the management of environmental issues, including the achievement of targets is not offered.
	B. Environmental Principles	18	It discloses how environmental issues are integrated into business goals and strategies	Partial Compliance	"No explanation has been given about the integration of environmental issues into business goals and strategies, but our company has ISO 14001 EMS and fulfills its requirements. Environmental laws and other relevant regulations are meticulously followed, and all our suppliers are fully compliant with environmental regulations. All pre-production measures are planned to minimize environmental problems and impacts."
	B. Environmental Principles	19	It discloses sustainability performances for business processes or products and services and its activities improving this performance.	Partial Compliance	The company offers sustainable products, technologies and services. Sustainability performances for business processes or products and services and improving this performance.
	B. Environmental Principles	20	It discloses how it addresses environmental issues throughout the partnership value chain, not just in terms of direct operations, And how it manages and integrates suppliers and customers into its strategies.	Partial Compliance	Our company has ISO 14001 EMS. It fulfills all legal requirements while working for its partners and customers. Environmental laws and other relevant regulations are meticulously followed, and all our suppliers are fully compliant with environmental regulations. All pre-production measures are planned to minimize environmental problems and impacts. As of 2018, it will accelerate its sustainability studies, and its activities and will publish its policies.
	B. Environmental Principles	21	It discloses whether it is involved in policy-making processes on environmental issues (sectoral, regional, national and international); environmental associations, its cooperation, if any, with related organizations and non-governmental organizations And the tasks, if any, it has undertaken and the activities it supports.	Partial Compliance	Our company has started to determine its short- and long-term targets in accordance with EMS policies as of 2022. It will start UNGC membership as of March 2022, and it will be announced to the public within the scope of comprehensive sustainability works planned. Our company has become a member of the SDK Circular Economy Platform as of March 2022.
	B. Environmental Principles	22	In the light of environmental indicators (Greenhouse gas emissions (Scope-1 (Direct), Scope-2 (Energy indirect), Scope-3 (Other indirect) 1 ), air quality, energy management, water and wastewater management, waste management, its biodiversity impacts) it reports information on their environmental impacts on a periodically comparable basis.	Partial Compliance	Our company has ISO 14001 EMS. Our company meticulously monitors its environmental indicators and environmental laws and other relevant regulations and implements existing environmental policies. As of 2022, it started to determine its short and long-term targets in accordance with EMS policies. It will start its UNGC membership as of March 2022, and it will submit its first report as of the end of 2022.
	B. Environmental Principles	23	It describes the details of the standard, protocol, methodology, and base year it uses to collect and calculate its data.	Incompatible	It will start UNGC membership as of March 2022, and as of the end of 2022, it will publish its first report.
	B. Environmental Principles	24	Describes the status of environmental indicators (increase or decrease) for the report year in comparison with previous years.	Incompatible	It will start UNGC membership as of March 2022, and as of the end of 2022, it will publish its first report.



TYPE OF PRINCIPLE	POLICY CODE	POLICY NO	STATEMENT OF PRINCIPLE	STATUS OF COMPLIANCE	REMARKS
B. ENVIRONMENT	B. Environmental Principles	25	It sets short and long-term goals to reduce its environmental impacts and discloses these goals. It is recommended that these targets be set based on scientifically, as proposed by the United Nations Conference of the Parties on Climate Change. If there is progress in the report year according to the targets it has set before, it provides information on the subject.	Partial Compliance	Our company monitors environmental indicators and implements current environmental policies. As of 2022, it started to determine its short and long-term targets in accordance with EMS policies. It will start its UNGC membership as of March 2022, and it will submit its first report as of the end of 2022.
	B. Environmental Principles	26	It discloses its strategy and actions to combat the climate crisis.	Partial Compliance	Our company does not have a Sustainability Report yet. But the Company offers sustainable products, technologies and services. It announces circular economy and net zero carbon targets in its new production plant and is already planning it.
	B. Environmental Principles	27	It describes programs or procedures to prevent or minimize the potential adverse impact of its products and/or services; discloses the actions of third parties to reduce greenhouse gas emissions.	Partial Compliance	The company offers sustainable products, technologies and services. Products and services are solutions for reducing greenhouse gas emissions using renewable energy sources. It announces circular economy and net zero carbon targets in its new production plant and is already planning it.
	B. Environmental Principles	28	It discloses the actions it takes to reduce its environmental impacts, the total number of projects and initiatives it carries out, and the environmental uses/benefits and cost savings they provide.	Partial Compliance	Our company monitors environmental indicators and implements current environmental policies. It will start UNGC membership as of March 2022 and will publish its first report by the end of 2022.
	B. Environmental Principles	29	It reports total energy consumption data (excluding raw materials) and discloses energy consumption as Scope-1 and Scope-2.	Partial Compliance	Our company monitors energy consumption data and other environmental indicators and implements current environmental policies. It will start UNGC membership as of March 2022, and as of the end of 2022, its first Report will be published.
	B. Environmental Principles	30	It provides information on electricity, heat, steam and cooling produced and consumed in the reporting year.	Partial Compliance	Our company monitors energy consumption data and other environmental indicators and implements current environmental policies. It will start UNGC membership as of March 2022, and by the end of 2022 It will publish its first report. Steam and Cooling is not applicable.
	B. Environmental Principles	31	It works on increasing the use of renewable energy, transitioning to zero or low carbon electricity and discloses these studies.	Full Compliance	The company offers sustainable products, technologies and services. Products and services are solutions for reducing environmental footprint and greenhouse gas emissions using renewable energy sources
	B. Environmental Principles	32	It discloses renewable energy production and usage data.	Partial Compliance	The company offers sustainable products, technologies and services. Products and services are solutions for reducing environmental footprint and greenhouse gas emissions using renewable energy sources.
	B. Environmental Principles	33	It makes energy efficiency projects and discloses the amount of energy consumption and emission reduction thanks to these works.	Partial Compliance	The company offers sustainable products, technologies and services. With the services it provides to its partners and customers, it helps them reach solutions to reduce their environmental footprint and greenhouse gas emissions using renewable energy sources. It announces and is already planning circular economy, renewable energy use and net zero carbon targets in its new manufacturing plant.

## KONTROLMATİK 2021 SUSTAINABILITY PRINCIPLES COMPLIANCE REPORT

TYPE OF PRINCIPLE	POLICY CODE	POLICY NO	STATEMENT OF PRINCIPLE	STATUS OF COMPLIANCE	REMARKS
B. ENVIRONMENT	B. Environmental Principles	34	It reports the amounts, sources and procedures of water drawn, used, recycled and discharged from underground or above ground (Total withdrawal by source, affected by withdrawal water resources; percentage and total volume of recycled and reused water, etc.)	Partial Compliance	Our company does not use groundwater or water for production. UNGC membership will start as of 2022, and as of the end of 2022, its first report will be published.
	B. Environmental Principles	35	It discloses whether its operations or activities are subject to any carbon pricing system (Emissions Trading System, Cap & Trade or Carbon Tax).	Incompatible	UNGC membership will start as of 2022, and as of the end of 2022, its first report will be published.
	B. Environmental Principles	36	It discloses carbon credit information accumulated or purchased during the reporting period.	Incompatible	UNGC membership will start as of 2022, and as of the end of 2022, its first report will be published.
	B. Environmental Principles	37	If carbon pricing is applied within the partnership, It discloses the details.	Incompatible	UNGC membership will start as of 2022, and as of the end of 2022, its first report will be published.
	B. Environmental Principles	38	It discloses all mandatory and voluntary platforms where it discloses its environmental information.	Partial Compliance	The company has started to set its goals as of 2022, and it will start to publish the comprehensive sustainability works that are planned to be started with the UNGC Turkey membership in the near future and other memberships, in its sustainability report on the website as of the end of the year 2022.
C. SOSYAL	C1. Human Rights and Employee Rights	39	It creates a Corporate Human Rights and Employee Rights Policy, in which full compliance with the Universal Declaration of Human Rights, ILO Conventions ratified by Turkey and the legal framework and legislation regulating human rights and working life in Turkey. It publicly discloses the policy in question and the roles and responsibilities associated with its implementation.	Partial Compliance	"Although our company has a Human Resources Policy, it does not have a Corporate Human Rights and Employee Rights Policy, the roles and responsibilities related to the implementation of the policy are not public disclosed."
	C1. Human Rights and Employee Rights	40	It provides equal opportunity in recruitment processes. Considering the effects of supply and value chain, fair workforce, improvement of labor standards, women's employment and inclusion issues (such as non-discrimination of women, men, religious belief, language, race, ethnicity, age, disability, refugee, etc.) are included in its policies.	Partial Compliance	Equality of opportunity is included in our Company's Human Resources Policy, recruitment processes and generally in Ethics Policy. However, a policy on women's employment and inclusion has not yet been established.
	C1. Human Rights and Employee Rights	41	It discloses the measures taken along the value chain on the observance of certain economic, environmental, social factors (low-income groups, women, etc.) or minority rights/equality of opportunity.	Partial Compliance	Our Company's Human Resources Policy includes equality of opportunity in the recruitment processes and generally in the Ethics Policy; although there is no written policy, positive discrimination is done for the purpose of the protection of the rights/equality of opportunity of disadvantaged groups (low-income groups, women, minorities, etc.) with certain economic, environmental and social factors.

TYPE OF PRINCIPLE	POLICY CODE	POLICY NO	STATEMENT OF PRINCIPLE	STATUS OF COMPLIANCE	REMARKS
C. SOSYAL	C1. Human Rights and Employee Rights	42	It reports the developments regarding the prevention and corrective practices of discrimination, inequality, human rights violations, forced labor. And it discloses the regulations regarding not employing child labor.	Partial Compliance	The company employs personnel in accordance with existing labor laws and regulations within the framework of preventive and corrective practices against discrimination, inequality, human rights violations, and forced labor. It does not have any child labor. It has not disclosed the regulations regarding child labor to the public.
	C1. Human Rights and Employee Rights	43	It discloses its policies regarding investment in employees (education, development policies), compensation, fringe benefits, unionization rights, work/life balance solutions and talent management. It establishes mechanisms for employee complaints and dispute resolution, and determines dispute resolution processes. It regularly discloses the activities carried out to ensure employee satisfaction.	Partial Compliance	The company already has a Human Resources Policy, and employee satisfaction measurements and evaluation surveys are conducted. However, a mechanism has been established in the HR and legal department regarding the resolution of employee complaints and disputes, and processes are being developed to resolve disputes. The activities carried out to ensure employee satisfaction are not regularly disclosed.
	C1. Human Rights and Employee Rights	44	It creates occupational health and safety policies and discloses them to the public. It discloses measures taken to protect health and occupational accidents and accident statistics.	Partial Compliance	Although the Company has an Occupational Health and Safety Policy, the measures taken by the Company for occupational accidents and health protection and accident statistics have not been disclosed.
	C1. Human Rights and Employee Rights	45	It creates and publicly discloses personal data protection and data security policies.	Full Compliance	The Personal Data Protection and Processing Policy approved by the Company's Board of Directors can be reached on the corporate website.
	C1. Human Rights and Employee Rights	46	It establishes an ethics policy (business, work ethics, compliance processes, advertising and marketing ethics, open disclosure, etc.) included) and make it publicly available.	Partial Compliance	"Although the company has an Ethical Policy, it is not public disclosed."
	C1. Human Rights and Employee Rights	47	It discloses its work on social investment, social responsibility, financial inclusion and access to finance.	Partial Compliance	Although the company publicly announces its activities under the heading of corporate social responsibility in its Annual Reports, partial compliance is achieved with this article since no announcement is made on financial inclusion and access to finance.
	C1. Human Rights and Employee Rights	48	It organizes information meetings and training programs for employees on ESG policies and practices.	Full Compliance	Information meetings are organized for employees on ESG policies and practices, and raising awareness work is carried out collaboratively by the relevant department and the Human Resources Department.
	C2.Stakeholders, International Standards and Initiatives	49	It carries out its activities in the field of sustainability by taking into account the needs and priorities of all stakeholders (employees, customers, suppliers and service providers, public institutions, shareholders, society and non-governmental organizations).	Full Compliance	Sustainability not only covers every subject 360 degrees to be effective in all activities of the company, but it also strives to ensure that the stakeholders adopt this principle, and it is determined to set an example. The company has adopted the principle of working with stakeholders who adopt this principle. It creates and presents sustainable solutions for its customers and partners.

## KONTROLMATİK 2021 SUSTAINABILITY PRINCIPLES COMPLIANCE REPORT

TYPE OF PRINCIPLE	POLICY CODE	POLICY NO	STATEMENT OF PRINCIPLE	STATUS OF COMPLIANCE	REMARKS
C. SOCIAL	C2.Stakeholders, International Standards and Initiatives	50	It regulates and publicizes a customer satisfaction policy regarding the management and resolution of customer complaints.	Partial Compliance	Although the company has a customer satisfaction policy regarding the management and resolution of customer complaints, it has been determined that there is no decision approved at the level of the Board of Directors. In 2022, it is planned that this policy will be reviewed, reconsidered at the Board of Directors level, and then announced on the corporate website. Therefore, partial compliance with the article is provided.
	C2.Stakeholders, International Standards and Initiatives	51	It conducts stakeholder communication in a continuous and transparent manner; it discloses which stakeholders, for what purpose, on what subject and how often are communicated with, and it discloses developments in sustainability activities.	Partial Compliance	Although Investor Relations activities are disclosed in the company's Annual Reports, there is no public statement regarding which stakeholder, for what purpose, on what subject and how often is communicated with. However, this information is reported to the Board of Directors through the Corporate Governance Committee at least once a year.
	C2.Stakeholders, International Standards and Initiatives	52	It publishes the international reporting standards (Carbon Disclosure Project (CDP), Global Reporting Initiative (GRI), International Integrated Reporting Council (IIRC), Sustainability Accounting Standards Board (SASB), Climate-Related Financial Disclosures Task Force (TCFD), etc.) that it adopts.	Partial Compliance	The company started to set its targets as of 2022, and as of the end of the year UNGC Turkey sustainability report will be published.
	C2.Stakeholders, International Standards and Initiatives	53	It publicly discloses international organizations or principles (Equator Principles, United Nations Environment Program Finance Initiative (UNEP-FI), United Nations Global Compact (UNGC), United Nations Principles for Responsible Investment (UNPRI) etc.), international principles it has adopted (International Capital). Market Association (ICMA) Green/Sustainable Bond Principles) that it has signed or a member of.	Incompatible	"Although we are not a signatory or a member organization in this context in 2021, the comprehensive sustainability studies and other memberships planned to be launched in 2022 with the membership of UNGC Turkey can be found on the website as of 2022 and in the sustainability report as of the end of the year. will start publishing."
	C2.Stakeholders, International Standards and Initiatives	54	It makes concrete effort to be included in Borsa Istanbul Sustainability Index and international sustainability indices (Dow Jones Sustainability Index, FTSE4Good, MSCI ESG Indices, etc.).	Partial compliance	As of February 2022, our company submitted BIST ESG data for evaluation and applied to Borsa Istanbul. Due to the absence of a Sustainability Report, compliance with the article cannot be achieved.



TYPE OF PRINCIPLE	POLICY CODE	POLICY NO	STATEMENT OF PRINCIPLE	STATUS OF COMPLIANCE	REMARKS
D. CORPORATE GOVERNANCE	D. Corporate Governance Principles	55	In addition to the Corporate Governance principles that must be complied with within the scope of the Capital Markets Board's Corporate Governance Communiqué numbered II-17.1, it exerts maximum effort to comply with all Corporate Governance principles.	Full Compliance	"The Company makes maximum effort to comply with the non-mandatory articles within the scope of the Capital Markets Board's Corporate Governance Communiqué No. II-17.1. and provides full compliance with most of the non-mandatory clauses."
	D. Corporate Governance Principles	56	While determining the sustainability issue, the environmental effects of its activities and the principles in this regard, it takes the corporate governance strategy into account.	Full Compliance	Sustainability is effective in all activities of the company and is evaluated 360 degrees.
	D. Corporate Governance Principles	57	It takes the necessary measures to comply with the principles regarding the stakeholders and to strengthen the communication with the stakeholders as stated in the Corporate Governance Principles. In determining the measures and strategies in the field of sustainability, it seeks stakeholders' opinions.	Partial Compliance	As stated in the Corporate Governance Principles, information on relations with stakeholders is included in the annual report, URF- Corporate Governance Compliance Report and KYBF- Corporate Governance Information Form.
	D. Corporate Governance Principles	58	It works on social responsibility projects, awareness events and trainings and sustainability and raising awareness about their importance.	Full Compliance	With the CSR (Corporate Social Responsibility) team created within the company, social responsibility projects, awareness events and trainings are organized and it pays attention to increase the activities of the company employees.
	D. Corporate Governance Principles	59	It makes an efforts to be a member of international standards and initiatives on sustainability and to contribute to related works.	Partial Compliance	The company has started to set its targets as of 2022, and UNGC Turkey and SDK membership will begin as of 2022. Efforts are also made to join other membership and standards and initiatives.
	D. Corporate Governance Principles	60	It discloses the policies and programs regarding the fight against bribery and corruption and the principle of honesty in terms of taxation.	Incompatible	There is no policy regarding the fight against bribery and corruption and the principle of honesty in terms of taxation, this issue is mentioned in the Company's ethical rules. And it is aimed to complete these policies and to ensure full compliance with the relevant article in 2022.

## INDEPENDENT AUDITOR REPORT FOR THE ANNUAL REPORT OF THE BOARD OF DIRECTORS

**abaküs**

Independent Audit Inc.

### REGARDING THE ANNUAL ACTIVITY REPORT OF THE BOARD OF DIRECTORS INDEPENDENT AUDITOR'S REPORT

Opinion to the General Assembly of Kontrolmatik Teknoloji Enerji ve Mühendislik Anonim Şirketi.

We have audited the activity report of Kontrolmatik Teknoloji Enerji ve Mühendislik Anonim Şirketi (Company or Group) for the accounting period dated 01.01- 31.12.2021.

According to our opinion, the consolidated financial information included in the annual report of the board of directors and the analysis of the Board of Directors using the information contained in the audited consolidated financial statements about the status of the Group, in all material respects, is consistent with the full set of audited consolidated financial statements and the information obtained during the independent audit and reflects the truth.

#### Basis for our Opinion

Our independent audit was conducted in accordance with the Independent Auditing Standards ("IAS"), which is a part of the Turkish Auditing Standards published by Public Oversight Accounting and Auditing Standards Authority. Our responsibilities under these standards are explained in detail in the section of -The Independent Auditor's Responsibilities for the Independent Audit of the Annual Report- in our report. We declare that we are independent from the Company. We have also fulfilled our other ethical responsibilities pursuant to ethical rules and legislation. We believe that the independent audit evidence we obtained during the independent audit constitutes a sufficient and appropriate basis for our opinion.

#### Our Auditor's Opinion on the Full Set of Consolidated Financial Statements

We have expressed an unqualified opinion on the Group's full set of consolidated financial statements for the accounting period of 1 January - 31 December 2021 in our auditor's report dated 22 February 2022.

#### Responsibility of the Board of Directors for the Annual Report

The Group Management is in compliance with Articles 514 and 516 of the Turkish Commercial Code No. 6102 ("TCC") and the Communiqué No. According to the "Communiqué", it is responsible for the the annual report as follows:

- a) It prepares the annual activity report within the first three months following the balance sheet date and submits it to the General Assembly.
- b) It prepares the annual activity report in such a way that reflects Group's activities for that year in the consolidated financial position in every aspect in an accurate, complete, straightforward, truthful and honest manner. In this report, the financial position is evaluated according to the consolidated financial statements. In the report, the development of the Group and the possible risks it may encounter are also clearly indicated. The evaluation of the board of directors regarding these is also included in the report.

## abaküs

Independent Audit Inc.

c) The annual report also includes the following:

- Events of special importance that occur in the Group after the end of the operating year,
- Group's research and development activities,
- Financial benefits such as wages, premiums and bonuses paid to the members of the Board of Directors and senior executives, allowances, travel, accommodation and representation expenses, in-kind and cash benefits, insurances and similar guarantees.

While the Board of Directors is preparing the annual report, it also takes into account the secondary legislation arrangements of the Ministry of Customs and Trade and related organizations.

### **Responsibility of the Independent Auditor for the Independent Audit of the Annual Report**

Our aim is to give an opinion whether the financial information contained in the annual report and the analysis made by the Board of Directors using the information contained in the audited consolidated financial statements pursuant to the provisions of the TCC and the Communiqué, is consistent with the audited consolidated financial statements of the Group and the information we have obtained during the independent audit and whether it reflects the truth and to issue a report containing our opinion.

Our independent audit was carried out in accordance with IASs. These standards require compliance with ethical provisions; as well as planning and execution of the independent audit in such a way to obtain a reasonable assurance whether the inspection of independent audit using the information contained in the audited consolidated financial statements of boards of director and are consistent with the consolidated financial statements and the information obtained during the audit and whether they reflect the truth.

The cap auditor who conducted and concluded this independent audit is Doğuş Bektaş.

Akbüs Independent Audit Inc.

Doğuş Bektaş  
Cap Auditor

İstanbul, 11.03.2022

## CONDENSED FINANCIAL INFORMATION OF THE COMPANY AS OF 01.01.2021-31.12.2021 FINANCIAL STATEMENT PERIODS

The global economy took a stand in the fight against the economic difficulties caused by Covid-19 and its variants in 2021, and the signs of returning to normal have become stronger with the spread of vaccination and the measures taken and raising awareness for the epidemic. Naturally, differences in both access to vaccine and economic recovery between developed and underdeveloped countries have led to the fact that the normalization and growth story experienced is different at the regional and economic level.

Another important agenda item in the global economy in 2021 was the recovery after the epidemic and the increase in commodity prices, especially energy and agricultural products, due to supply-side problems that increased its impact, and inflationary pressures that have not been seen in many economies of the world for a long time.

Kontrolmatik, closing the year 2021 above its targets in terms of both turnover and EBITDA, more than 73% of its revenues are from export revenues and more than 85% of its contracts are in foreign currency, increasing the diversity of products and services with the investments it has started and planned, takes firm steps towards its sustainable growth and profitability targets while supporting green energy and reducing carbon footprint.

Independent audit inspected Consolidated Financial Statement of The Company as of 31.12.2021, and the distribution of sales revenues for the period 01.01.2021-31.12.2021 according to domestic and foreign customers, and some condensed financial information and tables are given below.

“Kontrolmatik Teknoloji Consolidated Financial Statements and Independent Auditor’s Report for the Accounting Period of 2021” was announced on the Public Disclosure Platform on 22.02.2022 and its details can be found in the aforementioned declaration (link of the declaration). <https://www.kap.org.tr/tr/Bildirim/1003614>) can be accessed.

The majority of the Company’s sales revenue comes from the projects made to the private sector. The proportion of projects realized abroad has increased in line with the Company’s strategy. Projects abroad are concentrated in the Turkic Republics, Middle East and African countries.



	Footnote References	Independent audit inspected 31.12.2021	Independent audit inspected 31.12.2020
<b>ASSETS</b>			
<b>Current Assets</b>		<b>778,898,428</b>	<b>281.013.095</b>
Cash and Cash Equivalents	6	77,148,996	52,087,330
Financial Investments	7	40,979,100	4,881,895
Commercial debts	10	393,794,155	113,251,278
- Trade Receivables from Affiliates	10-38	6,768.495	8,946,295
- Trade Receivables from Non-Affiliates	10	387.025.660	104,304,983
Receivables from Finance Sector Activities	12	-	-
Other Receivables	11	36,307,948	25,399,259
- Other Receivables From Affiliates	11-38	11,746,915	21,555
- Other Receivables From Non- Affiliates	11	24,561.033	25,377,704
Stocks	13	133,991,429	59,840,637
Living Assets	14	-	-
Receivables from Customer Contracts	15	4,097.012	643,465
Prepaid Expenses	24	71,984,669	20,568,126
- Prepaid Expenses to Affiliates	24-38	415,487	358,095
- Prepaid Expenses to Non- Affiliates	24	71,569,182	20.210.031
Assets Related to Current Period Tax	25	672,776	2,709,468
Other Current Assets	26	19.922.343	1,631,637
(Subtotal)		778,898,428	281.013.095
Fixed Assets Classified as Held for Sale	35	-	-
<b>Fixed Assets</b>		<b>161,527,524</b>	<b>39,060,281</b>
Financial Investments	7	2,109,175	-
Commercial debts	10	-	-
Other Receivables	11	-	-
Investments Valued by the Equity Method	16	4,788,649	(53.710)
Living Assets	14	-	-
Investment Properties	17	46,374,000	23,182,000
Tangible Fixed Assets	18	65,828,835	12,765,720
Intangible Assets	19	22.607.144	213,309
Usage Rights Assets	9	788,294	-
Prepaid Expenses	24	11,575,852	338,606
Deferred Tax Asset	36	7,455,575	2,614,356
Other Fixed Assets	26	-	-
<b>TOTAL ASSETS</b>		<b>940,425,952</b>	<b>320,073,376</b>

**CONDENSED FINANCIAL INFORMATION OF THE COMPANY**  
**AS OF 01.01.2021 – 31.12.2021 STATEMENT TERM**

	Footnote References	Independent audit inspected 31.12.2021	Independent audit inspected 31.12.2020
<b>RESOURCES</b>			
<b>Short Term Liabilities</b>		<b>579,885,530</b>	<b>174,829,384</b>
Short Term Borrowings	8	178,879,989	42,323,145
Short-Term Portions of Long-Term Borrowings	8	42,513,594	6,851,453
Liabilities arising from Lease Transactions	9	179,650	-
Trade payables	10	157,818.504	81.330.093
- Trade Payables to Affiliates	10-38	339,961	-
- Trade Payables to Non- Affiliates	10	157,478,543	81.330.093
Payables within the Scope of Employee Benefits	22	2,929,120	1,321,487
Other debts	11	4.449.264	69,224
- Other Payables to Affiliates	11-38	2.130.540	-
- Other Payables to Non- Affiliates	11	2,318,724	69,224
State Incentives and Aids	20	-	-
Deferred Revenues (Liabilities Arising from Contracts with Customers) Excluded)	24	175,210,959	37,563,204
Obligations Arising from Customer Agreements	15	2,046,799	2,262.254
Period Profit Tax Liability	36	10,263,739	1,359,675
Short Term Provisions		1,224,037	649,258
Right to Employees. Link to Benefits. Short Term Snow.	22	1,224,037	649,258
Other Short Term Provisions	21	-	-
Other Short-Term Liabilities	26	4,369,875	1,099.591
(Subtotal)		579,885,530	174,829,384
<b>Long-Term Liabilities</b>		<b>74,140,613</b>	<b>11,516.867</b>
Long Term Borrowings	8	67,400,739	6.886.428
Liabilities arising from Lease Transactions	9	540.817	-
Trade payables	10	-	-
Other debts	11	-	-
Long Term Provisions		1,294,299	903.312
Right to Employees. Link to Benefits. Long Term Snow.	22	1,248,281	854,035
Other Long-Term Provisions	21	46,018	49,277
Deferred Tax Liability	36	4,904,758	3.727.127
Other Long-Term Liabilities	26	-	-
<b>EQUITY</b>		<b>286,399,809</b>	<b>133.727.125</b>
<b>Equity of the Parent Company</b>		<b>286,577,755</b>	<b>133,791,439</b>
Paid-in capital	27	38,062,500	38,062,500
Premiums / Discounts on Shares	27	59,331,875	59,331,875
Other Comprehensive Accumulated Not to be Reclassified to Profit or Loss Income or Expenses		32,855,231	4,299,179
- Revalue. and Measurement Gains (Losses)		32,855,231	4,299,179
-Tangible Fixed Asset Revaluation Increases (Decreases)	27	33,135,234	4,477,856
-Remeasurement Gains (Losses) of Defined Benefit Plans	27	(280.003)	(178,677)
Other Comprehensive Accumulated to be Reclassified to Profit or Loss Income or Expenses		469,174	-
-Foreign Currency Conversion Differences	27	469,174	-
Restricted Reserves Allocated from Profit	27	1,617,443	10,299
Retained Earnings/Loss	27	23,573,794	8,108,635
Net Profit/Loss for the Period	37	130,667,738	23.978.951
Non-Controlling Interests	27	(177,946)	(64,314)
<b>TOTAL RESOURCES</b>		<b>940,425,952</b>	<b>320,073,376</b>

	Footnote References	Independent audit inspected 01.01.2021- 31.12.2021	Independent audit inspected 01.01.2020- 31.12.2020
<b>CONTINUING ACTIVITIES</b>			
Revenues	28	611,807,669	201,141,518
Cost of sales (-)	28	(446,448,313)	(153,569,429)
<b>Gross Profit/ (Loss) from Transactions</b>		<b>165,359,356</b>	<b>47,572,089</b>
Financial Sector Operations Revenue	28	-	-
Financial Sector Operations Cost (-)	28	-	-
<b>Gross Profit/ (Loss) from Finance Sector Operations</b>		<b>-</b>	<b>-</b>
<b>GROSS PROFIT/(LOSS)</b>		<b>165,359,356</b>	<b>47,572,089</b>
General and administrative expenses (-)	29-30	(26,697,521)	(15,651,856)
Marketing Expenses (-)	29-30	(27,124,857)	(5,957,733)
Research and Development Expenses (-)	29-30	(4,405,241)	(875,333)
Other Income from Main Operations	31	179,221,302	46,814,518
Other Expenses from Main Operations (-)	31	(117,772,430)	(40,255,270)
<b>OPERATING PROFIT/(LOSS)</b>		<b>168,580,609</b>	<b>31,646,415</b>
Income from Investment Activities	32	65,078,658	4,863,147
Expenses from Investment Activities	32	(901,529)	(196,900)
Shares of Profit/Loss of Investments Valued by Equity Method	16	(157,641)	(39,603)
<b>OPERATING PROFIT/(LOSS) BEFORE FINANCE EXPENSES</b>		<b>232,600,097</b>	<b>36,273,059</b>
Financing Incomes	34	3,454,486	1,712,076
Financial Expenses (-)	33	(87,153,017)	(10,986,107)
<b>PROFIT/(LOSS) BEFORE TAXES FROM CONTINUING OPERATIONS</b>		<b>148,901,566</b>	<b>26,999,028</b>
<b>Continuing Operations Tax Expense/(Income)</b>	<b>36</b>	<b>(18,347,460)</b>	<b>(3,011,823)</b>
- Period Tax Income / (Expense)	36	(23,480,365)	(3,136,803)
- Deferred Tax Income / (Expense)	36	5,132,905	124,980
<b>PROFIT/(LOSS) FOR THE PERIOD FROM CONTINUING OPERATIONS</b>	<b>37</b>	<b>130,554,106</b>	<b>23,987,205</b>
<b>PROFIT/(LOSS) FOR THE PERIOD FROM DISCONTINUED OPERATIONS</b>	<b>35</b>	<b>-</b>	<b>-</b>
<b>PROFIT/(LOSS) FOR THE PERIOD</b>	<b>37</b>	<b>130,554,106</b>	<b>23,987,205</b>
Non-Controlling Interests		(113,632)	8,254
Parent Shares		130,667,738	23,978,951
<b>Earnings/(Loss) Per Share</b>	<b>37</b>	<b>3,430</b>	<b>0.829</b>
Earnings/(Loss) Per Share from Continuing Operations	37	3,430	0.829
Earnings/(Loss) Per Share from Discontinued Operations	37	-	-
		<b>01.01-31.12.2021</b>	<b>01.01-31.12.2020</b>
Domestic Sales		167,751,225	105,544,569
Overseas sales		447,086,476	95,400,883
Other sales		48,652	393,585
<b>Total Gross Revenue</b>		<b>614,886,353</b>	<b>201,339,037</b>
Sales discounts (-)		(3,078,684)	(197,519)
<b>Net proceeds</b>		<b>611,807,669</b>	<b>201,141,518</b>
Cost of sales (-)		(446,448,313)	(153,569,429)
<b>Gross Profit on Sales</b>		<b>165,359,356</b>	<b>47,572,089</b>

## CONDENSED FINANCIAL INFORMATION OF THE COMPANY AS OF 01.01.2021 – 31.12.2021 STATEMENT TERM

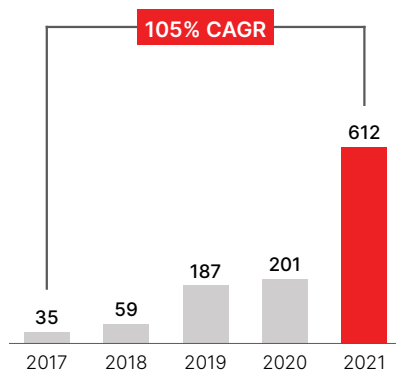
### Financial Data

Million TL	2019	2020	2021	21/20	4Q19	4Q20	4Q21	21/20
Income	186.6	201.1	611.8	204%	89.3	79.4	261.4	229%
Gross profit	39.4	47.6	165.4	248%	18.2	22.5	66.5	196%
Real Operating Profit	24.1	31.6	168.6	433%	13.7	6.9	93.9	1.253%
EBITDA*	25.8	36.5	175.5	380%	14.1	10.5	96.3	813%
Net profit	27.7	24.0	130.7	445%	21.1	10.6	59.9	465%
Gross Margin	21.1%	23.7%	27.0%	3.4%	20.3%	28.3%	25.4%	-2.9%
Core Operating Profit Margin	12.9%	15.7%	27.6%	11.8%	15.3%	8.7%	35.9%	27.2%
EBITDA Margin	13.8%	18.2%	28.7%	10.5%	15.8%	13.3%	36.8%	23.5%
Net Profit Margin	14.8%	11.9%	21.4%	9.4%	23.6%	13.3%	22.9%	9.6%

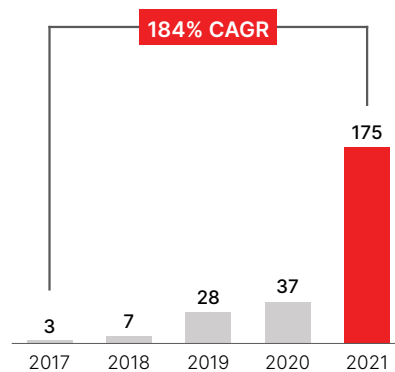
\*Including Other Real Operating Income and Expenses

Million TL	31.12.2019	31.12.2020	31.12.2021	21/20
Cash and Cash Equivalents	21.3	52.1	77.1	48%
Total Assets	176.0	320.1	940.4	194%
Current Assets	141.2	281.0	778.9	177%
Fixed Assets	34.8	39.1	161.5	314%
Total Liabilities	133.6	186.3	654.0	251%
KV Liabilities	124.5	174.8	579.9	233%
UV Liabilities	9.1	11.5	74.1	544%
Equity of the Parent Company	42.5	133.8	286.6	114%
Net Debt (Net Cash)	8.6	-0.9	171.2	n.a.

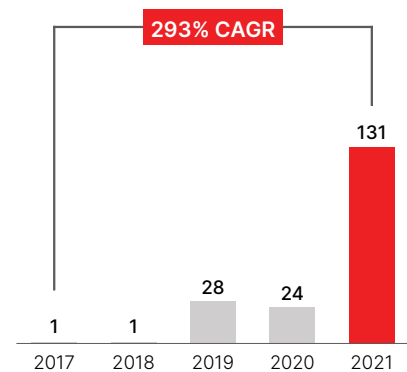
### Net Sales Revenues – Million TL



### EBITDA – TL Million

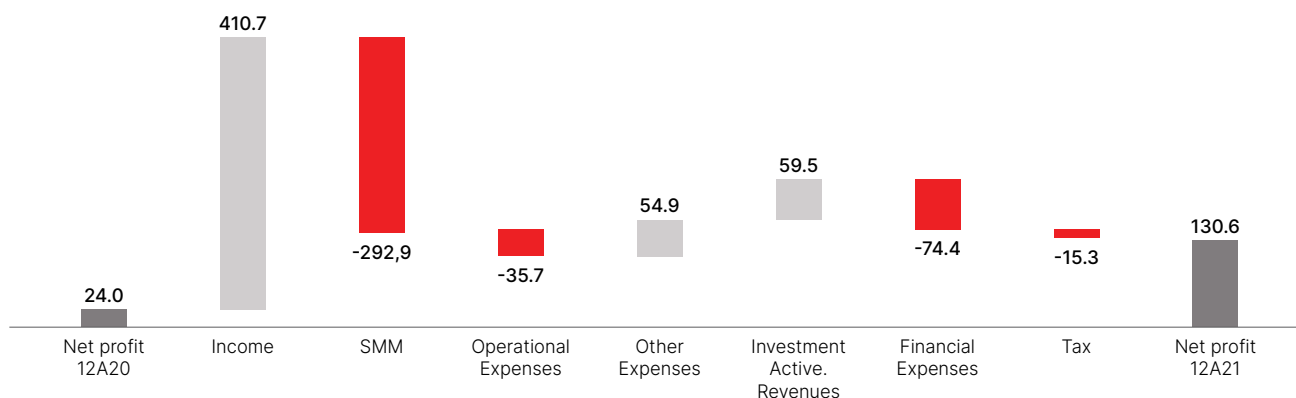


### Net Profit – Million TL





## Net Profit Bridge – Million TL



Liquidity Ratios	2019/12	2020/12	2021/12
Current rate	1.13	1.61	1.34
Liquidity Ratio	1.06	1.27	1.11

Debt Ratios	2019/12	2020/12	2021/12
Total Liabilities/Total Assets	75.9%	58.2%	69.5%
Short Term Finnish Debt/Equity	57.6%	36.8%	77.3%
EBITDA/Financial Expenses	5.4	3.9	2.1
Net Debt/EBITDA	0.3	0.0	1.0
Short Term Yab. Debt/Liability	70.8%	54.6%	61.7%
Long Term Liabilities/Liabilities	5.1%	3.6%	7.9%
Equity/Liability	24.1%	41.8%	30.5%
Total Liabilities/Equity	315.0%	139.3%	228.4%
Financial Liabilities/Total Debts	22.4%	30.1%	44.2%

Profitability Ratios	2019/12	2020/12	2021/12
Gross Margin	21.1%	23.7%	27.0%
Principal Operating Margin	12.9%	15.7%	27.6%
EBITDA Margin	13.8%	18.2%	28.7%
Net Profit Margin	14.8%	11.9%	21.3%
Return on Equity**	100.5%	27.2%	62.1%
Interest Expense/Net Sales	2.6%	4.6%	13.7%

Investment Ratios	2019/12	2020/12	2021/12
Investment/Depreciation	572.0%	75.9%	1.757.6%
Investment/Net Sales	5.1%	0.7%	19.8%
EVA-TL	21,874.773	13.292.333	84,173,101
ROIC (Return on Invested Capital)*	-133.4%	37.7%	47.6%
CRR	-7.7%	33.4%	46.3%

Z Score	2019/12	2020/12	2021/12
a	0.09	0.33	0.21
b	0.18	0.30	0.26
c	0.14	0.10	0.18
D	20.96	15.03	4.28
to	1.06	0.63	0.65
<b>Conclusion</b>	<b>10.5</b>	<b>7.7</b>	<b>3,4</b>



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