

# ENKA

## 2Q 2023 PRESENTATION





## Experience

66 Years of construction experience worldwide

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## Reliability

570 projects in 52 countries have been completed or under construction with historical value of USD 59,6 Billion

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## Evaluation

Traded publicly on Borsa Istanbul (BIST) with a market cap of USD 6,8 Billion (@ 30.06.2023)

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## Synergy

Group of companies composed of more than 50 subsidiaries operating in 7 major geographical areas:

CIS, Asia, Middle East, Europe, America, Africa & Turkiye

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## Diversification

With a solid background of 66 years ENKA operates in 4 main segments:

Engineering & Construction

Energy

Real Estate

Trade

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## Founded

as a limited liability partnership as Şark Tara & Sadi Gülçelik Enka Ltd. Şirketi

design, engineering and construction activities of industrial plants, buildings and infrastructure

## Focused on

## The Partnership

was transformed into a joint-stock company as ENKA İnşaat ve Sanayi A.Ş.

Contract Benghazi Cement Factory and then 4 more cement factory projects in Libya

## First International

## First Power Plant

150 MW Tunçbilek Thermal Power Plant in Turkey



## Foundation

ENKA Sports, education and culture foundation and Sadi Gülçelik sports center establishments

Combined Cycle Power Plant in Türkiye: 600 MW Trakya CCCP

## First Natural Gas

## Outstanding

achievements with fast-track projects in Libya, Russia and Former Soviet Union Countries as well as in Turkey as a general contractor

Establishment of development companies in Moscow, Russia

## Real Estate

## Oil Fields

Primary oil services contracts in Kazakhstan oil fields



## Retail Business



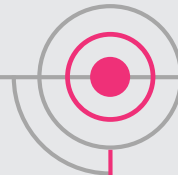
Development of shopping malls and retail business in Moscow, Russia

Power Generation as Independent Power Producer (IPP)



## Power Generation

## Certified



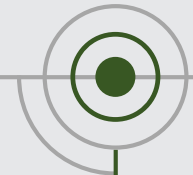
by BSI for ISO 9001 Quality Management System & ISO 14001 Environmental Management System & OHSAS 18001 Occupational Health and Safety Management System

790 MW Rijnmond Natural Gas Fired CCPP has been completed in 22 months by the ENKA Bechtel Joint Venture in the Netherlands



## Gas Fired CCPP

## World Record



ENKA set a new world record for power plant availability (with 99.8% which is 7% over the industry average) over the 12-month period with GE 9 FA gas turbines





## Iraq Re-Entry



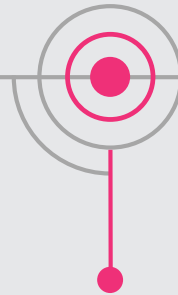
ENKA's re-entry into Iraq oil & gas market by winning the contract for mechanical, electrical and instrumentation works of early production facility in Majnoon Oil Field

ENKA as a main contractor has been awarded 400 MW Yajva State District Power Plant EPC Project in Russia



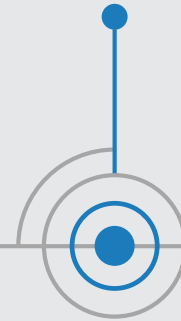
## EPC in Russia

## Power Plants



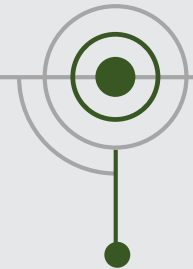
EPC contracts awarded; Bazyan 500 MW Simple Cycle Power Plant, Sulaymaniyah and Besmaya Combined Cycle Power Plant Projects each having a capacity of 1,500 MW.

A contract related to South Caucasus Pipeline Expansion (SCPX) has been awarded to Bechtel-ENKA JV



## Caucasus Pipeline

## Oil & Gas



Al-Najybia 500 MW gas turbine power plant and Rumaila Crude Oil Pumping Station Projects have been awarded



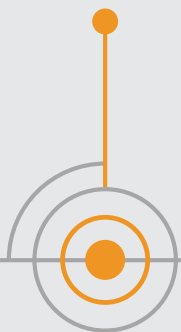
## Motorway Projects



After successfully completing the Route 7 and the Route 6 Motorways in Kosovo a new motorway project; Morava Corridor, Serbia has been awarded to Bechtel-ENKA JV.

ENKA with its partner General Electric, designed and built the Samawa and Dhi Qar CCPPs, which added 750 MW each to Iraq

## Global Partners



## Bay Crossings



Steel Works Contracts of Izmit Bay and Çanakkale 1915 Crossing Suspension Bridge Projects have been awarded

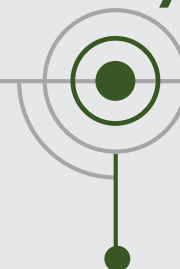
Cimtas Ningbo is Aerospace Standard 9100D certified.

Cimtas Ningbo is amongst the first piping and skid fabricators certified to the AS9100D standard in China.

## Aerospace



## Libya Re-Entry



After many years, ENKA undertook new projects but this time with its consortium partner Siemens AG, 2 power plant projects for meeting the energy demand

# ENKA MILESTONES [2017-2023]



Germany

ENKA UK Construction Ltd. is contracted to prefabricate, install and erect all piping systems of the power island at Hinkley Point C Nuclear Power Station.

The first cruise port construction project received at the Bahamas.

Excellence

Balkans

England

Bahamas

The first heat and power plant project, Dradenau Combined Heat and Power Plant, undertaken in Germany.

Mitsubishi Power Americas has awarded Cintas Ningbo with the “Excellence in Performance Award” for its high performance in 2020.

ENKA, with its joint-venture partner Bechtel, have been selected to build 109 km North Macedonia Corridor 8 & 10d Motorway Project.





## Mission



### Our Mission

to design, build and deliver safe, high-quality, and cost-effective construction projects on schedule for our customers while providing quality employment and career growth opportunities for ENKA employees.

## Vision



### Our Vision

to be one of the best and innovative engineering & construction companies serving globally.

## Values



### Our Values

define how we do work at ENKA. We will not undertake or execute a project which comprises any of these values. We believe that when we commit to work within ENKA's values, we achieve superior work in our industry.



# SUSTAINABILITY



ENKA, which operates in different sectors such as engineering and construction, energy, real estate and trade in many different geographies, has made a commitment to serve sustainable development in all its operations.

The approach which ENKA has adopted to corporate sustainability is built on an awareness of its economic, environmental and social responsibilities to all its internal and external stakeholders. ENKA Sustainability Strategy, which was developed with an intensive stakeholder dialogue, is kept up-to-date by Sustainability and Compliance Department and ENKA Sustainability Committee, which consists of representatives from various subsidiaries and departments within the organization. ENKA's President and Chairman of the Executive Committee, who is also the sponsor of the Sustainability Committee, leads this process.

ENKA's sustainability strategy, drawn up in line with ENKA's fields of influence and sustainable development goals, is built on the following three foundations:



**Our Business  
and  
Principles**



**Our People  
and  
Community**



**Our Planet**



ENKA,

# S U S T A I N A B I L I T Y



## Our Business and Principles



- Maintains an Ethics & Compliance Program to ensure open, honest and transparent communication with all stakeholders in accordance with applicable national & international laws and regulations, as well as company values and industry standards.
- Adopts an integrated risk management approach covering its financial and non-financial risks including; environmental, social, economic, compliance risks together with brand management and reputational risks.
- Implements a comprehensive audit and control mechanisms to ensure compliance with legal requirements, ENKA procedures and policies, international standards and customer expectations.
- Adopts customer-oriented business approach and enhances customer satisfaction with its work of high quality and on time services, products and projects.
- As an investor and EPC/EPCC contractor, assesses the potential environmental and social impacts of its operations and develops plans to eliminate or avoid negative impacts, increase positive impacts and create community investment opportunities.
- Combines its engineering expertise with cutting-edge applications to benefit both the international community and the engineering and construction industry.
- Promotes sustainable business strategy throughout its value chain, raises awareness among its employees and across its suppliers and subcontractors via training opportunities and evaluates the environmental and social compliance of its suppliers and subcontractors.
- Works to improve its R&D capabilities and accelerate innovation across the organization to adapt and respond changing global conditions with best solutions benefiting both customers and society.
- Strives to take part and to play a pioneering role in various initiatives, carried out for mutual learning and development, through its memberships of national and international associations, institutes, unions and industrial organizations, and participates in working groups as part of its efforts to work together with its stakeholders.



ENKA,

# S U S T A I N A B I L I T Y



## Our People and Community



- Respects human rights and assesses the human rights impacts of its investments and operations as part of its social impact assessment process.
- Includes its stakeholders in the decision-making mechanisms of the company and provides transparent, effective, participatory and bidirectional communication channels in its relations with its stakeholders.
- Strives to leave a positive legacy for society, considering the needs of the region and expectations of communities in which it operates and fosters the economic development of the host countries by creating local employment and local procurement opportunities.
- Contributes to the welfare and development of local communities, disadvantaged groups and indigenous people through the infrastructure and superstructure projects and social investments and invests in education, sports, culture and arts.
- Prioritizes the physical and mental health and safety of its employees and its subcontractors' employees operating at ENKA's premises or acting on behalf of ENKA.
- Assesses potential health and safety impacts of its services and products and eliminates any potential adverse impacts.
- Embraces equitable, diverse and inclusive culture and contributes to the personal and professional development of its people through equal training opportunities.
- Aims to improve working environments and form more motivated & collaborative workforce by increasing employee loyalty through active employee engagement.
- Supports the development of the engineering profession and also the growth of a responsible generation by spreading sustainability awareness among its employees and among its students through ENKA Schools.



ENKA,

# S U S T A I N A B I L I T Y

## Our Planet

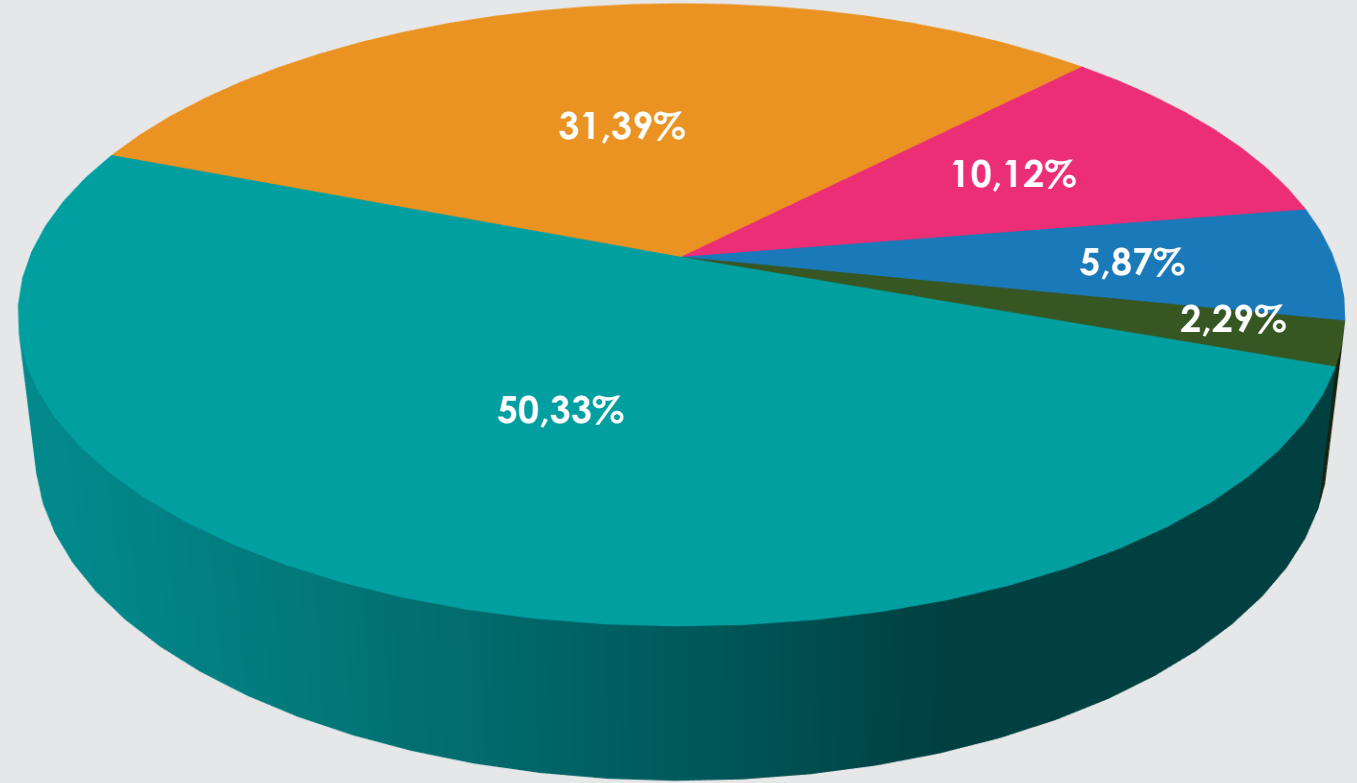


- Assesses, measures and reports its environmental impacts and develops plans and procedures to reduce them.
- Commits to reach net zero emissions in its operations by 2050 and takes actions to reduce direct and indirect emissions from its projects, operations and supply chain.
- As an investor and EPC/EPCC Contractor, offers and/or takes part in environment-friendly projects, solutions and products to partner its customers for the transition to a low carbon economy.
- Strives to improve the energy performance and efficiency of its operations and invests in renewable energy.
- Embeds a strategy for responsible sourcing and ensures resource efficiency while monitoring its own operations and its suppliers' compliance.
- Adopts a responsible water management approach, identifies risks related to water, uses site-specific strategies to minimize impact of water withdrawal, consumption and discharge on the quality and supply of water, reduces its water footprint and increases efficiency in its operations.
- Implements a waste management approach by prioritizing elimination at its source and increasing reuse and recycling in its businesses and promoting circular practices in its supply chain.
- Ensures protection and conservation of biologically diverse ecosystems by taking appropriate measures inline with its project-specific biodiversity action plans developed in accordance with impact assessments and baseline studies of flora & fauna.
- Promotes afforestation and protection of the existing forests and adopts green office practices while providing environmental trainings to its employees and subcontractors to raise awareness.



SHAREHOLDER	SHARES
TARA HOLDING A.Ş.	49,80%
VİLDAN GÜLÇELİK	7,99%
SEVDA GÜLÇELİK	6,43%
ENKA FOUNDATION	5,87%
ALİ GÜLÇELİK	4,50%
MİKADO REAL ESTATE INVESTMENT	4,37%
BİLGİ GÜLÇELİK	4,31%
NURDAN GÜLÇELİK	1,56%
SELİM GÜLÇELİK	1,55%
AYŞE VERDA GÜLÇELİK	0,68%
MEHMET SİNAN TARA	0,53%
ENKA TREASURY STOCK	2,29%
FREE FLOAT AND OTHERS	10,12%
TOTAL	100,00%

As of 28 March 2023



■ TARA FAMILY
 ■ GÜLÇELİK FAMILY
 ■ FREE FLOAT AND OTHERS
 ■ ENKA FOUNDATION
 ■ ENKA TREASURY STOCK





	2Q 2023	2022	2021	2020	2019
TOTAL ASSETS	8.328	8.581	9.102	8.454	8.318
TOTAL EQUITY	6.392	6.471	6.675	6.694	6.568
CASH & MARKETABLE SECURITIES	4.732	4.597	5.265	4.406	3.960
REVENUE	1.630	3.731	2.859	1.659	1.893
EBITDA	309	820	686	386	436
EBITDA MARGIN	19,0%	22,0%	24,0%	23,3%	23,1%
NET PROFIT	316	118	610	643	686
NET MARGIN	19,4%	3,2%	21,3%	38,8%	36,2%

All figures given above are in Million US Dollars

# ENKA REVENUES BY BUSINESS LINES



	2Q 2023		2022		2021		2020		2019	
	USD	%	USD	%	USD	%	USD	%	USD	%
CONSTRUCTION	1.019	62,5	1.933	51,8	1.569	54,9	1.263	76,1	1.147	60,6
POWER GENERATION	385	23,6	1.298	34,8	797	27,9	0	0,0	324	17,1
REAL ESTATE	159	9,8	344	9,2	304	10,6	289	17,4	346	18,3
TRADE	121	7,4	247	6,6	252	8,8	154	9,3	119	6,3
ELIMINATION	(54)	(3,3)	(91)	(2,4)	(63)	(2,2)	(47)	(2,8)	(43)	(2,3)
TOTAL	1.630	100	3.731	100	2.859	100	1.659	100	1.893	100

All figures given above are in Million US Dollars



	2Q 2023			2022			2021			2020		
	USD	%	MRG	USD	%	MRG	USD	%	MRG	USD	%	MRG
CONSTRUCTION	168	54	16	483	59	25	385	56	25	201	52	16
POWER GENERATION	7	2	2	92	11	7	67	10	8	(17)	(4)	-
REAL ESTATE	102	33	64	194	24	56	194	28	64	187	48	65
TRADE	33	11	27	51	6	21	40	6	16	16	4	10
ELIMINATION	(1)	0		0	0		0	0		(1)	0	
TOTAL	309	100		820	100		686	100		386	100	

All figures given above are in Million US Dollars



DATE	PREVIOUS SHARE CAPITAL	INCREASE	INCREASE (%)	INCREASED SHARE CAPITAL
25.02.2012	2.500	300	12,00	2.800
12.06.2013	2.800	400	14,29	3.200
21.05.2014	3.200	400	12,50	3.600
06.05.2015	3.600	400	11,11	4.000
23.05.2016	4.000	200	5,00	4.200
27.04.2017	4.200	400	9,52	4.600
24.05.2018	4.600	400	8,70	5.000
27.05.2020	5.000	600	12,00	5.600
06.06.2022	5.600	400	7,14	6.000

All figures given above are in Million Turkish Liras



YEAR	DATE	GROSS RATE	NET RATE	CASH DIVIDEND		D.P.F.S.*	
				TL	USD	TL	USD
2022	12.04.2023	36,33%	33,24%	2.180	116,2	35,6	1,90
			2022 TOTAL	2.180	116,2	35,6	1,90
2021	05.01.2022	20,00%	18,00%	1.120	84,9	0	0
	13.04.2022	50,00%	45,00%	2.800	190,9	61,0	4,16
			2021 TOTAL	3.920	275,9	61,0	4,16
2020	13.04.2021	35,71%	30,36%	2.000	244,9	41,9	5,15
			2020 TOTAL	2.000	244,9	41,9	5,15
2019	13.11.2019	14,00%	11,90%	700	121,4	0	0
	14.04.2020	18,00%	16,41%	900	133,1	40,5	5,99
			2019 TOTAL	1.600	254,5	40,5	5,99

\* Dividend paid to Founder Shares



DECISION TAKEN	ACTION	SHARE AMOUNT BOUGHT	NUMBER OF TOTAL SHARES	PERCENTAGE
JULY 2016	Share Buyback	8,4 Million	4,2 Billion	0,20%
JULY 2017	Share Buyback	4,6 Million	4,6 Billion	0,10%
AUGUST 2017	Share Buyback	4,6 Million	4,6 Billion	0,10%
JANUARY 2018	Share Buyback	4,6 Million	4,6 Billion	0,10%
MAY 2018	Share Buyback	4,6 Million	4,6 Billion	0,10%
JUNE 2018	Share Buyback	5,0 Million	5,0 Billion	0,10%
JULY 2018	Share Buyback	5,0 Million	5,0 Billion	0,10%
AUGUST 2018	Share Buyback	10,0 Million	5,0 Billion	0,20%
JANUARY 2019	Share Buyback	10,0 Million	5,0 Billion	0,20%
SEPTEMBER 2019	Share Buyback	10,0 Million	5,0 Billion	0,20%
OCTOBER 2019	Share Buyback	20,0 Million	5,0 Billion	0,40%
FEBRUARY 2020	Share Buyback	10,0 Million	5,0 Billion	0,20%
AUGUST 2020	Share Buyback	26,1 Million	5,6 Billion	0,47%
2022-2023	Share Sales	(11,0 Million)	6,0 Billion	(0,18%)
TOTAL COMPLETED				2,29%

There is no ongoing share buyback decision taken.





## YAJVA

ENKA's 411 MW CCPP Yajva State District Power Plant EPC Project has been awarded "the Best Project in the Power/Industrial Category" in 2013 Global Best Projects Competition of NR (Engineering News-Record)

## KOSOVO

ENKA's Kosovo Motorway EPC Project (sections 1, 2, 3 & 4a) has been awarded "The Best Project in the Roads/Highways Category" in 2013 Global Best Projects Competition of ENR (Engineering News-Record)

## KUNTSEVO

ENKA's cityscape awards for emerging markets - 2012 category : Retail Project" award to ENKA TC for its Kuntsevo Multifunctional Trade and Business Center in Moscow

## ADMIRE COMPANY

"Most Admired Construction Company of Turkiye awards" for the years 2005 - 2012 by CAPITAL, a business and economics magazine

## POWER

In 2011, ENKA's Adapazari Power Plant has been selected as the Power Plant of the Year with an availability of 99.8% by the POWER MAGAZINE

## INSURANCE

In 2011, ENKA's insurer Factory Mutual Global (FM), awarded all three ENKA power plants the status of highly protected risk in recognition of ENKA's commitment to the reduction of potential losses through a stringent programme of risk mitigation and prevention.



## RISK MANAGEMENT

Turkish Power Company ENKA POWER has world class risk management article which praises ENKA's commitments and achievements in protecting the power plant assets published in UTILITY WEEK MAGAZINE on 28 January 2011 edition

## INNOVATION

The most prestigious and innovative leisure, shopping, business and residential complex of Moscow, was honored with the Best Shopping Center 2015 award given by Russian Council of Shopping Centers (RCSC) to Kuntsevo Plaza.

## DEVELOPMENT

Kuntsevo Plaza, has been awarded in three categories of the prestigious awards in 2016: Best Retail Architecture Russia, Best Retail Development (5 Stars) Russia and Best Retail Development Europe.



## GLOBAL

ENKA's EPC Project, Sulaymaniyah 1.500 MW Combined Cycle Power Plant Project was selected as the "Global Project of the Year 2017", as well as the "Best Global Project in Power/Industrial Category", by ENR.

ENKA's Initial Oil Train (IOT) Project in Iraq was selected as ENR Global Best Project in 2020



# ENKA ENGINEERING & CONSTRUCTION



**The fields of Engineering & Construction activities are;**

Oil & Gas Facilities, Pipelines

Petrochemical Plants

Power Plants

Industrial Plants

Airports, Harbors, and Offshore Works

Motorways, Bridges, and Tunnels

New Towns and Housing Complexes

**ENKA's global solutions span the entire project life cycle:**

Engineering,

Fabrication,

Procurement,

Construction,

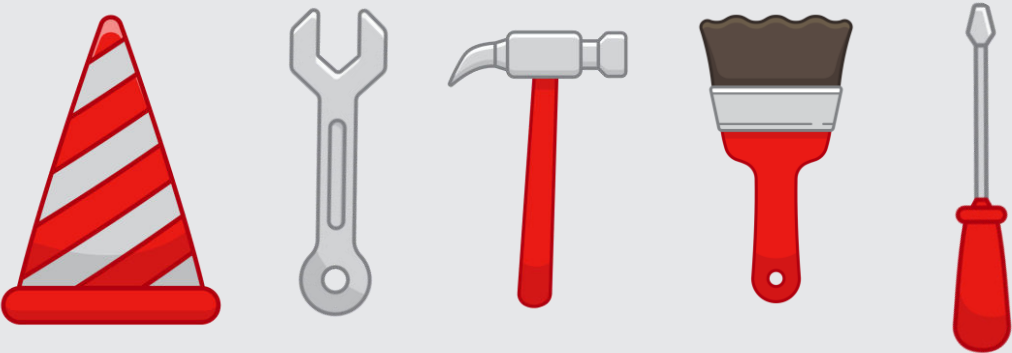
Commissioning and start-up,

Operation and management.

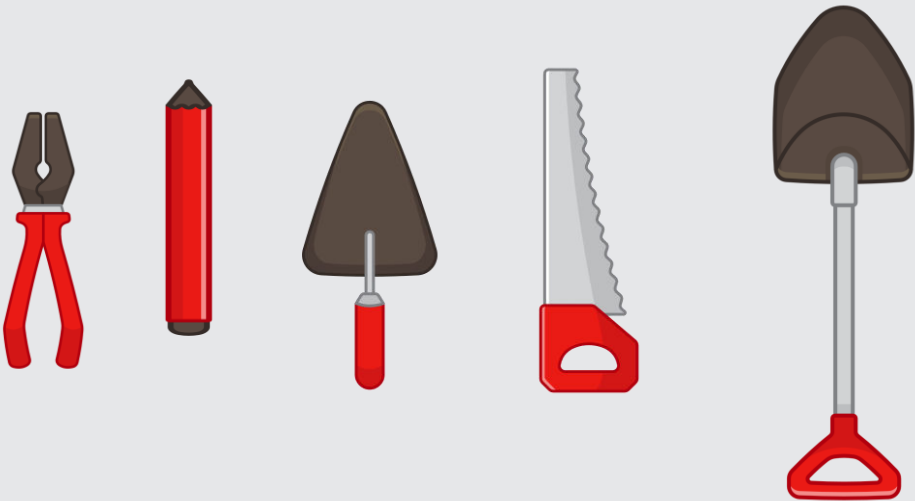




COUNTRY	BACKLOG	%
Special Projects	1.141	24,5%
Serbia	743	15,9%
North Macedonia	712	15,3%
England	556	11,9%
Russia	433	9,3%
Germany	284	6,1%
Kazakhstan	189	4,0%
USA	150	3,2%
Mongolia	108	2,3%
Finland	84	1,8%
Libya	48	1,0%
Türkiye	41	0,9%
Mexico	31	0,7%
The Bahamas	24	0,5%
Others*	122	2,6%
TOTAL	4.666	100,0%



**\* The group «Others» consists of the following countries:**  
Bahrain, Bangladesh, Belgium, Brazil, China, Croatia, France, Greece, Holland, Hong Kong, Hungary, Indonesia, Iraq, Israel, Italy, Japan, Lithuania, Malaysia, Peru, Philippines, Poland, Romania, Saudi Arabia, Sweeden, Switzerland, Taiwan, Türkmenistan, Uzbekistan and Vietnam.



All figures given above are in Million US Dollars



### FGP 3GP Mechanical, Electrical & Instrumentation Installation Works Tengiz, Kazakhstan

Job owner : Tengizchevroil  
Contractor : Senimdi Kurylys

**(Bechtel – ENKA Joint Venture with equal shares)**

Senimdi Kurylys LLP has been awarded a contract for mechanical, electrical and instrumentation installation works in Tengiz, Kazakhstan.

The Client is Tengizchevroil (TCO), which operates and develops Tengiz oil field, a joint venture (JV) with shares owned by Chevron (50%), ExxonMobil (25%), KazMunayGas (20%) and LukArco (5%).

Contract commenced in May 2018 and planned to be completed in December 2023.

The project will increase the Tengiz oil field's annual oil production capacity by an additional 12 million tons.

# ENKA PROJECTS UNDER CONSTRUCTION



## Morava Corridor Motorway Project Pojate – Preljina, Serbia

**Job owner** : **Government of the Republic of Serbia Ministry of Construction, Transport and Infrastructure**

ENKA and its joint venture partner Bechtel have been selected by the Government of the Republic of Serbia to design and build the 112 km Morava Corridor Motorway Project which will connect central Serbia with Pan-European Corridors 10 and 11.

The scope of works includes 78 bridges, 24 overpasses, 12 underpasses, over 20 million m<sup>3</sup> of excavations, over 17 million m<sup>3</sup> of earth filling, 490,000 m<sup>3</sup> of concrete, 1.7 million m<sup>3</sup> of subbase, 1.1 million tons of asphalt and 460 km of guardrail installation.

For the construction of this motorway, Bechtel ENKA joint venture has facilitated an ECA guarantee from the UK Export Finance (UKEF) and under this guarantee Serbia has secured EUR 430 Million of long term loan.

Additionally, Multilateral Investment Guarantee Agency (MIGA) has issued guarantees for the project for a long term financing of up to USD 550 Million.





### Corridor 8 & 10d Motorway Project, North Macedonia

**Job owner** : **Public Enterprise for State Roads and the Ministry of Transport and Communications on behalf of the Government of the Republic of North Macedonia**

ENKA, with its joint-venture partner Bechtel, will build 109 km Corridor 8 & 10d Motorway Project in North Macedonia and will complete it within 5 years.

Corridor 8 (Tetovo – Gostivar - Bukojcani and Trebenista – Struga - Kjafasan Motorway section) is a key component of Pan-European Transport Corridor 8, connecting the Adriatic Sea and the Black Sea through Albania, North Macedonia and Bulgaria.

Corridor 10d is a key component of Pan-European Transport Corridor 10, connecting Austria, Hungary, Slovenia, Croatia, Serbia, Bulgaria, North Macedonia and Greece. In project scope, Prilep-Bitola section will be built.

Corridor 8 and Corridor 10d are connecting the Republic of North Macedonia with the regional infrastructure and ports in Albania, Bulgaria and Greece.

The Project features 7 new interchanges, significant amount of structures crossing highways, railways, Vardar and Black Drin river along the route. Project scope also includes 34 bridges, 34 overpasses, 24 underpasses, over 21 million m<sup>3</sup> excavation, over 17 million m<sup>3</sup> earth fill, 620,000 m<sup>3</sup> concrete, 2.2 million m<sup>3</sup> subbase & subgrade, 1.1 million tons asphalt, over 600,000 m of anchors and 320 km guardrail.

Contract Price (ENKA's Share): EUR 660 Million



### Shotton Paper Mill, United Kingdom

**Job owner** : Shotton Mill Limited (Modern Karton/EREN Holding)

ENKA signed a contract for the construction of a Paper Mill Factory on the Dee Estuary in Flintshire, North Wales for Shotton Mill Limited owned by Modern Karton/EREN Holding, one of the biggest manufacturers of paper, cardboard and corrugated packaging products in the sector.

The location of the 1st phase of the planned project activities includes the paper production machinery, storage area and shipment area of the existing paper mill.

The conversion project will transform the site from paper production to cardboard, corrugated packaging and tissue paper production. The project entails decommissioning and demolition of existing structures and construction of new facilities to accommodate new manufacturing equipment.

ENKA is responsible for preparation of the working documentation and all of the construction and installation works of the new facility.

Contract commenced in November 2022 and planned to be completed in the first quarter of 2025.



### Marine & Land Works in Prince George Wharf, Nassau, the Bahamas

**Job owner** : Nassau Cruise Port Limited (NCPL)  
**Contractor** : ENKA Construction and Development B.V.

NCPL proposes to reinvigorate the current tourism infrastructure in Nassau by boosting the cruise ship arrivals and drawing visitors from the vessels into Nassau. The current cruise terminal functions as an official port of entry and is located near the western entrance of Nassau Harbor (the Harbor), a naturally formed harbor between New Providence and Paradise Island.

The project site is located in Nassau Harbor on the northeastern face of the island of New Providence of the Bahamas, north of Nassau's downtown area. The harbor and its navigation channel are used by many ships for shelter and storage and is most notably visited on a regular basis by numerous cruise ships. The project include all existing berths, wharves, connecting structures, dolphins, surrounding waters for land reclamation, and dredging works on the marine portion and construction works of buildings, car parks and hardscaping & landscaping on the Land portion.

Contract price: USD 218 Million



### Hinkley Point C Nuclear Power Plant – Prefabrication, installation & erection of piping systems of power island - England

**Job owner** : GE Steam Power Ltd.

ENKA UK Construction Ltd., a subsidiary of ENKA İnşaat ve Sanayi A.Ş., is contracted by one of the main contractors on the HPC Site to prefabricate, install and erect all piping systems of the power island at Hinkley Point C Nuclear Power Station. Work includes installation and erection of High Pressure (HP) piping and prefabrication, delivery, installation and erection of Intermediate Pressure (IP) and Low Pressure (LP) piping systems associated with the power island, and provision of commissioning assistance.

Hinkley Point C is a 3,200 MW nuclear power station with two EPR reactors currently being constructed in Somerset, England. It is the first new nuclear power station to be built in the UK in over 20 years. The final investment decision and the start of construction took place in the second half of 2016. GE is supplying the two conventional power islands for HPC, which include world's largest steam generator – the Arabelle Turbine, and other critical equipment.

Contract price : GBP 218 Million



### Dradenau Combined Heat and Power Plant - Germany

**Job owner** : Wärme Hamburg GmbH

On 15 September 2021, ENKA with its JV partner Uniper signed a contract with Waerme Hamburg GmbH for the turnkey construction of approximately 180 MW electric and district heating capacity of 260 MW Combined Heat and Power Plant, Dradenau in Hamburg, Germany.

ENKA – Uniper JV is to perform the engineering, procurement, construction and commissioning (EPCC) works within the framework of this contract.

The power plant is expected to be in operation in December 2024.

Contract price (ENKA's share) : EUR 190 Million





ÇİMTAŞ, a subsidiary of **ENKA**, is a leading provider of integrated engineering, procurement, welded fabrication, assembly and installation solutions for top-tier global customers.

ÇİMTAŞ was incorporated in 1973 in Turkey as a local steel fabricator and now an EPMFI group of 5 companies.

Steel

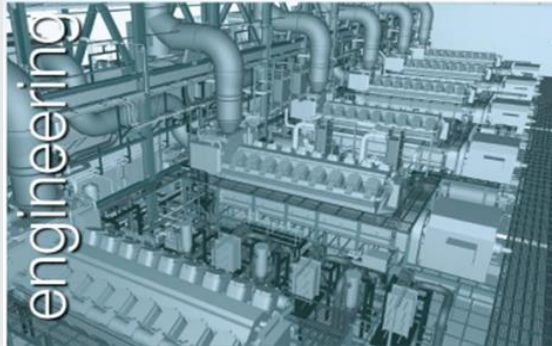
Pipe

Ningbo Modular Skids & Pipe Spools

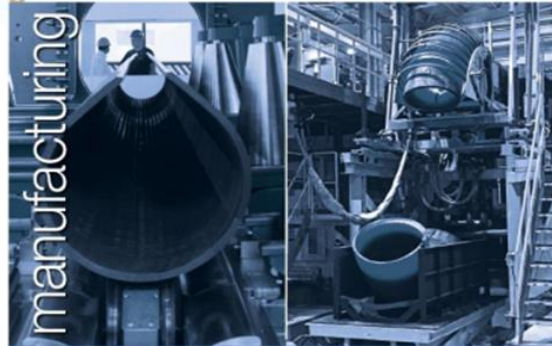
Module & Shipyard

Precision Machining





- engineering**
- Pressure Vessels
  - Plant Engineering
  - Power, OG&C (Downstream)
  - Process Design
  - Power, Process & OEM Piping
  - Piping Components Design
  - Heat Exchangers
  - Storage Tanks
  - Civil & Structural Design
  - Gas Processing Equipment & BOP Equipment Design
  - Electrical & Instrumentation
  - Technical Procurement
  - Reverse Engineering
  - Marine Engineering



- manufacturing**
- Forming
    - Hot Forming
    - Elbows & Tees
    - Hot Forming 2 Halves
    - Elbows
    - Cold Forming
    - Elbows
    - Cold Rolling
    - Reducers
  - LSAW Pipes
  - Bending
    - Induction Bending
    - Automated Cold Bending
  - Mechanical Testing & Metallography Laboratory



- fabrication**
- Pressure Vessels
  - Power, Process & OEM Piping
  - Heat Exchangers & Steam Drums
  - Reactors
  - Spherical, Cylindrical, Gas & Liquid Storage Tanks
  - Steel Wind Towers
  - Structural Steel
  - Power Plants
  - Industrial Plants
  - High Rise Buildings
  - Bridges
  - Airports



- machining**
- Multi - Axis CNC Machining
  - Machining Tolerances:  $\pm 0.005\text{mm}$
  - CMM Inspection
  - Tooling & Fixture Design (Product Specific)
  - Formed, Cast & Forged Products
  - Combustion Components
  - Special Forged Fittings
  - Flanges



- modularization**
- Modules
    - Pre-assembled Process Units (PAUs)
    - Pre-assembled Racks (PARs)
    - Shipbuilding
  - Skids
    - Process Skids
    - Turbine Machinery Skids
    - Flow Divider & Measuring Units
    - Offshore Platforms



- installation**
- Refineries
  - Petrochemical Plants
  - High Rise Buildings
  - Power Plants
  - Industrial Plants
  - Fertilizer Plants
  - Pump & Compressor Stations
  - Steel Bridges
  - Storage Tank Farms
  - Piping including Critical & Heavy Wall





**KASKTAŞ**, wholly owned subsidiary of ENKA, was established in 1957 as the piling group of **ENKA**. Having a vast and modern machinery and equipment fleet, KASKTAŞ has the ability to fulfill diverse requirements in the field of geotechnical engineering both in Türkiye and abroad.

Deep Foundations



Deep Excavations



Slope Stability



Soil Improvement



Marine Works



Special Applications



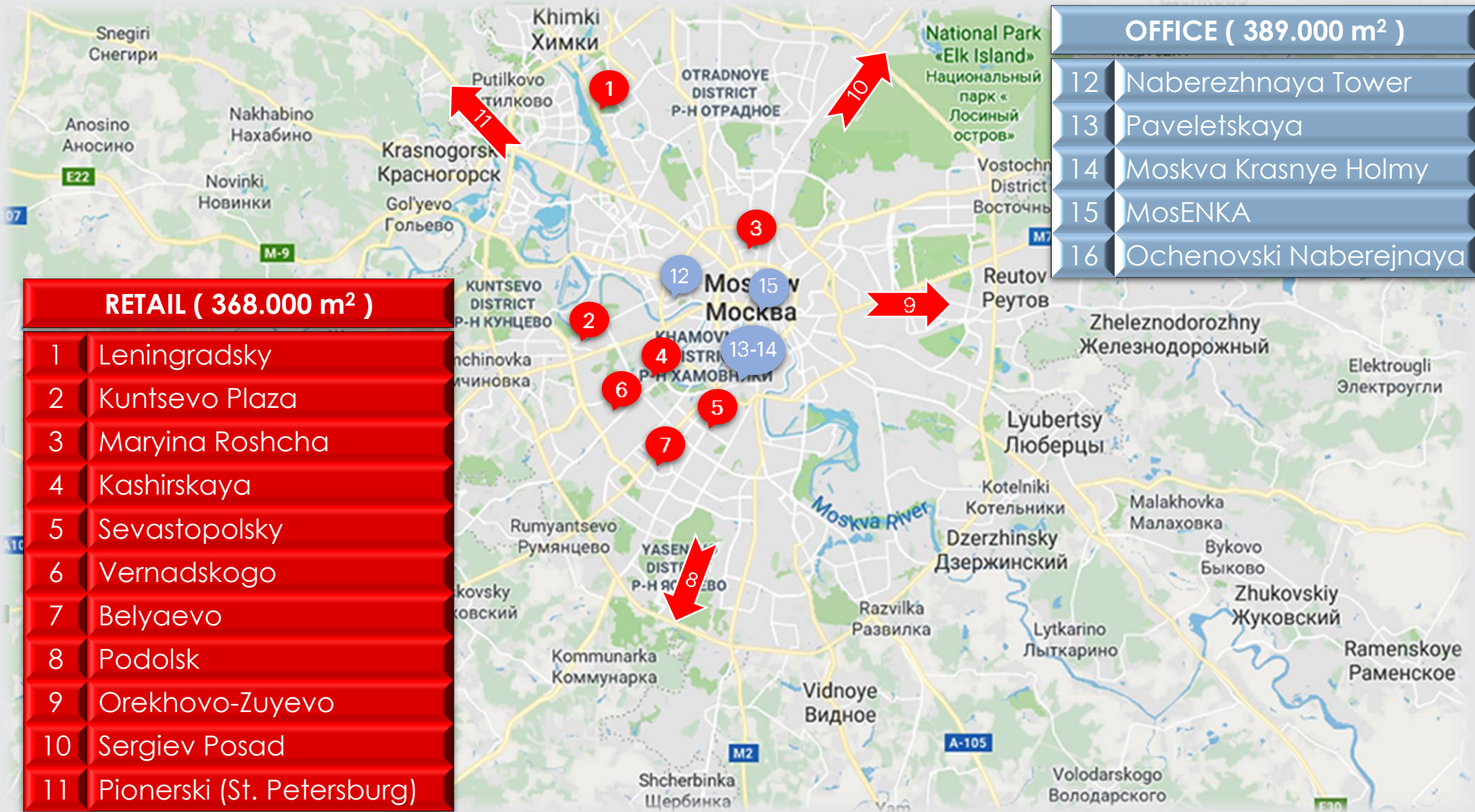


TYPE	SIZE (NLA)	OCCUPANCY	RATE
Class A Office Area	389.000 m <sup>2</sup>	90%	540
Retail Area	368.000 m <sup>2</sup>	93%	275
5 Star Hotel	235 Rooms	*	*

All assets are located in Moscow, except 1 shopping center which is located in St.Petersburg.

\* Occupancy and rate of rooms of the hotel may vary daily.







YEAR	RENTAL REVENUE	EBITDA	EBITDA MARGIN
2Q 2023	159	102	65,2%
2022	344	194	56,4%
2021	304	194	63,8%
2020	289	187	64,7%
2019	346	213	61,6%
2018	329	204	62,0%
2017	319	193	60,5%
2016	319	223	69,9%

All figures given above are in Million US Dollars







## 3 Gas-Fired Combined Cycle Power Plants

**Gebze, Adapazarı and İzmir** with a total capacity of almost **4,1 Gigawatts**

Annual generation capacity is 32 Billion Kwh net and the annual natural gas consumption could reach 6.5 Billion CBM,

Capability of meeting 10% of Turkey's total demand, since Turkey's consumption in 2021 was 316 Billion Kwh and developed under the 'BUILD-OWN-OPERATE' programme,

Proximity to main electricity load centers, proven and environmentally friendly technology.

The plants have 35 – 40 years of economic life.

Following expiry of the Electricity Sale Agreements with EÜAŞ, Adapazarı and Gebze Combined Cycle Power Plants developed under the BO Scheme and owned by ENKA have suspended their generation as of February 2019 and similarly İzmir Combined Cycle Power Plant has suspended its generation as of August 2019.

Generation resumed at Adapazarı CCPP in May 2021, at Gebze CCPP in June 2021 and at İzmir CCPP in July 2021.

ENKA set a new world record for power plant availability with 99.8% which is 7% over the industry Average over the 12- month period with GE 9 FA gas turbines





## New Investment Project – ENKA Kırklareli Combined Cycle Power Plant

The new investment project fully owned by ENKA.

It will be financed by own sources.

The power plant will be located in Kırklareli Babaeski.

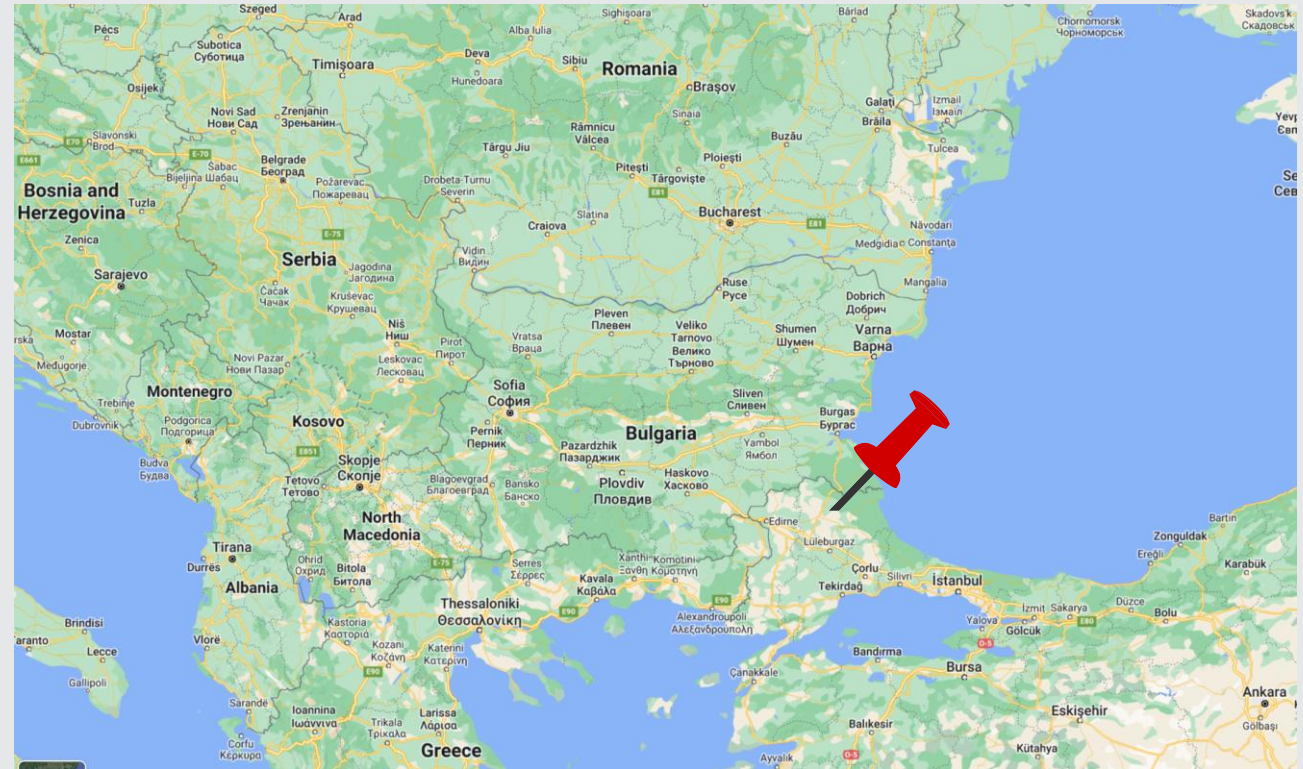
Approximately 200 kilometers away from Istanbul.

It will have a total capacity of 890 Megawatts

The main equipment for the project will be supplied by GE.

- 1 Gas Turbine: 9HA.02
- 1 Generator: Hydrogen Cooled H78
- 1 Heat Recovery Steam Generators (HRSG)
- 1 Steam Turbine: D650
- 1 Generator: Air Cooled A78

The investment Project is planned to be completed in the year 2025.





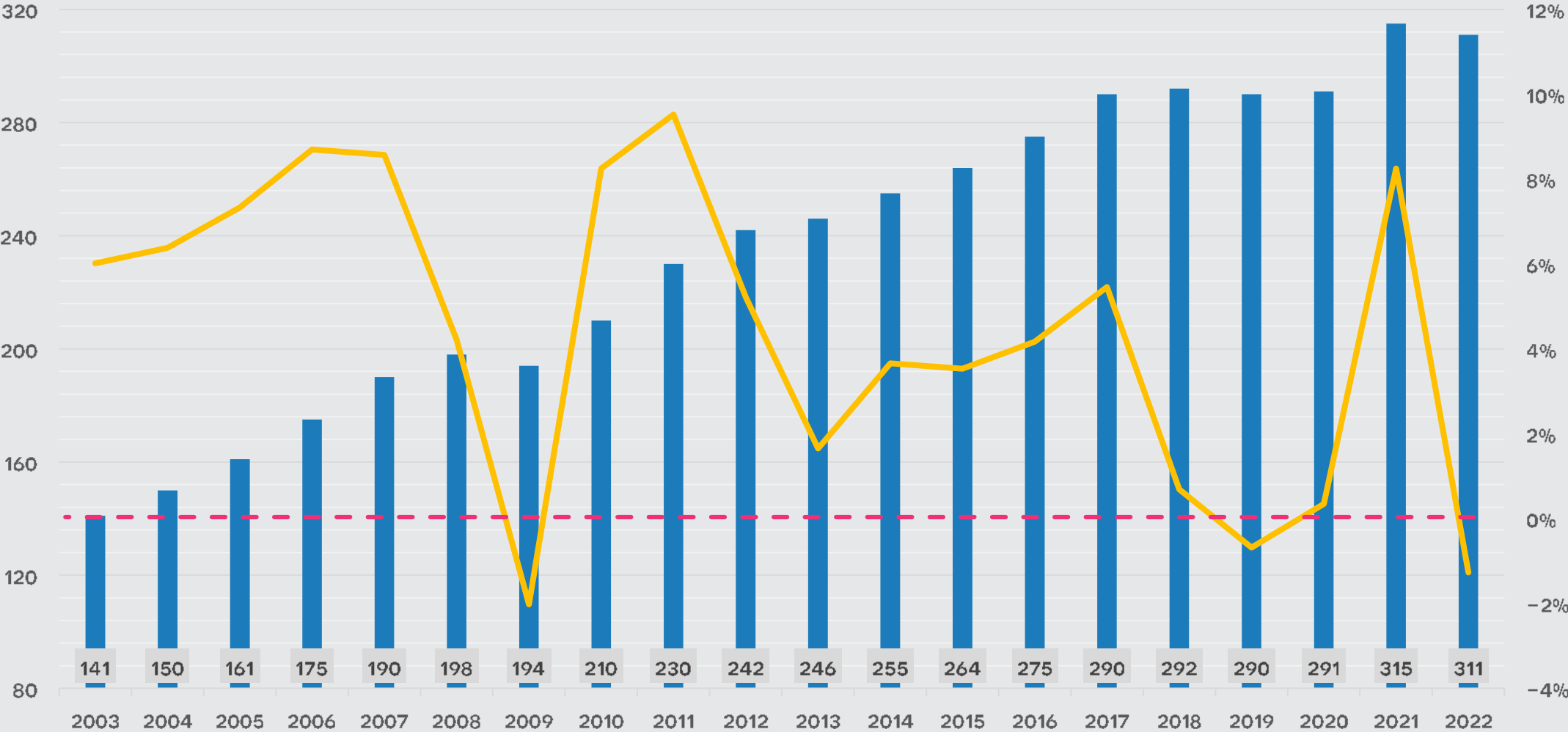


YEAR	2021		2022		
	Million Kwh	%	Million Kwh	%	
Coal	104,115	33.1	113,611	36.5	▲
Hydro	55,473	17.6	66,606	21.4	▲
Natural Gas	107,340	34.1	71,864	23.1	▼
Wind	30,901	9.8	34,561	11.1	▲
Geothermal	10,105	3.2	10,223	3.3	▲
Others	8,607	2.7	11,721	3.8	▲
International (Net)	(1,858)	(0.6)	2,704	0.9	
Total Consumption	314,684	100	311,291	100	

Source: Energy Exchange Istanbul ([www.epias.com.tr](http://www.epias.com.tr))



BILLON KWH CHANGE



# ENKA

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