ENKA

ENGINEERING FOR A BETTER FUTURE

Q4 2022 PRESENTATION

Introduction

EXPERIENCE
65 Years of construction experience worldwide

RELIABILITY
563 projects in 49 countries have been completed or under construction with historical value of USD 56 Billion

EVALUATION
Traded publicly on Borsa Istanbul (BIST) with a market cap of USD 10,6 Billion (@ 30.12.2022)

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

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

DIVERSIFICATION
With a solid background of 65 years ENKA operates in 4 main segments:

- Engineering & Construction
- Energy
- Real Estate
- Trade

Milestones [1957-1976]

Founded

as a limited liability partnership as Şarık Tara & Sadi Gülçelik Enka Limited Şirketi

Focused on

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

The Partnership

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

First International

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

First Power Plant

150 MW Tunçbilek Thermal Power Plant in Turkey

Diversification of activities and specialized subsidiary companies

Milestones [1977-1996]

Foundation

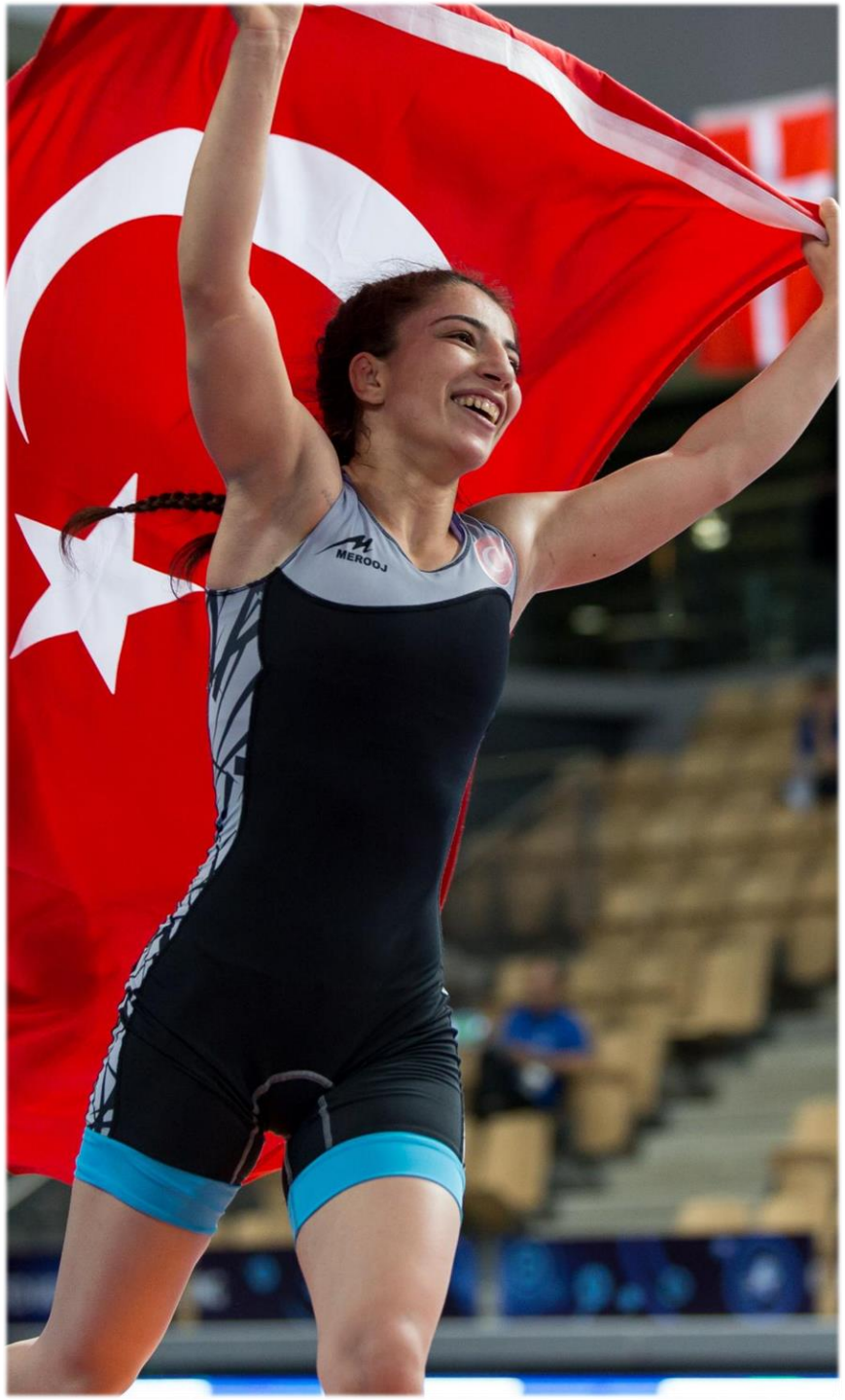
ENKA Sports, education and culture foundation and Sadi Gülçelik sports center establishments

First Natural Gas

combined cycle power plant in Turkey 600 MW Trakya CCCP

Outstanding

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



Real Estate

Establishment of development companies in Moscow, Russia

Oil Fields

Primary oil services contracts in Kazakhstan oil fields

Milestones [1997-2006]

Retail Business

Development of shopping malls and retail business in Moscow, Russia

Power Generation

Power Generation
as Independent Power Producer (IPP)

Certified

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

Gas Fired CCPP

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

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

Milestones [2007-2016]

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

EPC in Russia

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

Power Plants

EPC contracts awarded;
Simple Cycle Power Plant Project at Bazyan, Sulaymaniyah 1,500 MW Combined Cycle Power Plant Project at Besmaya

Caucasus Pipeline

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

Oil & Gas

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

Milestones [2017-2022]

Motorway Projects

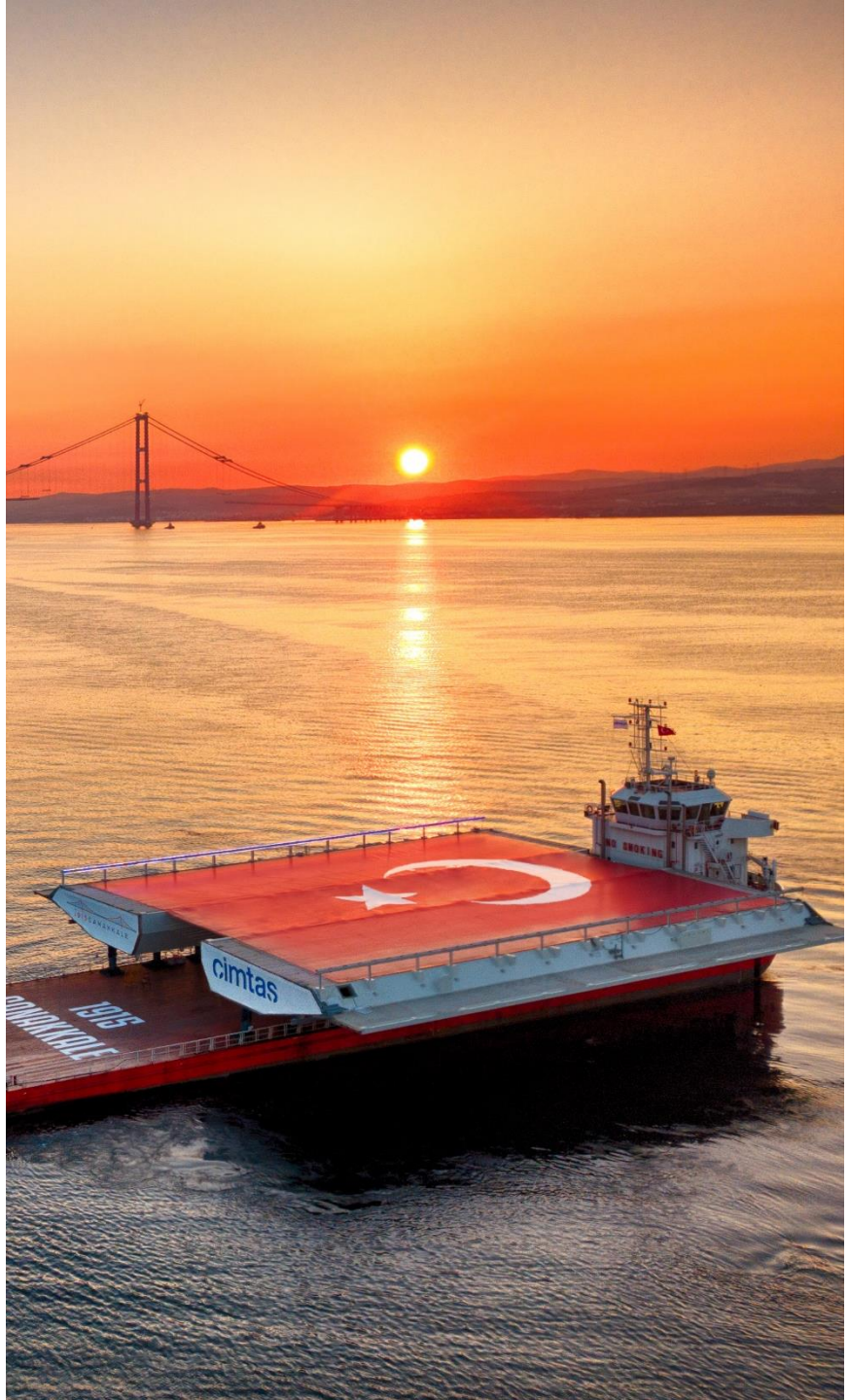
After successfully completing the Route 7 and the Route 6 Motorways in Kosovo a new motorway project; Morava Corridor, Serbia has been awarded to Bechtel-ENKA JV.

Global Partners

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

Bay Crossings

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



Aerospace

Cimtas Ningbo is Aerospace Standard 9100D certified.

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

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

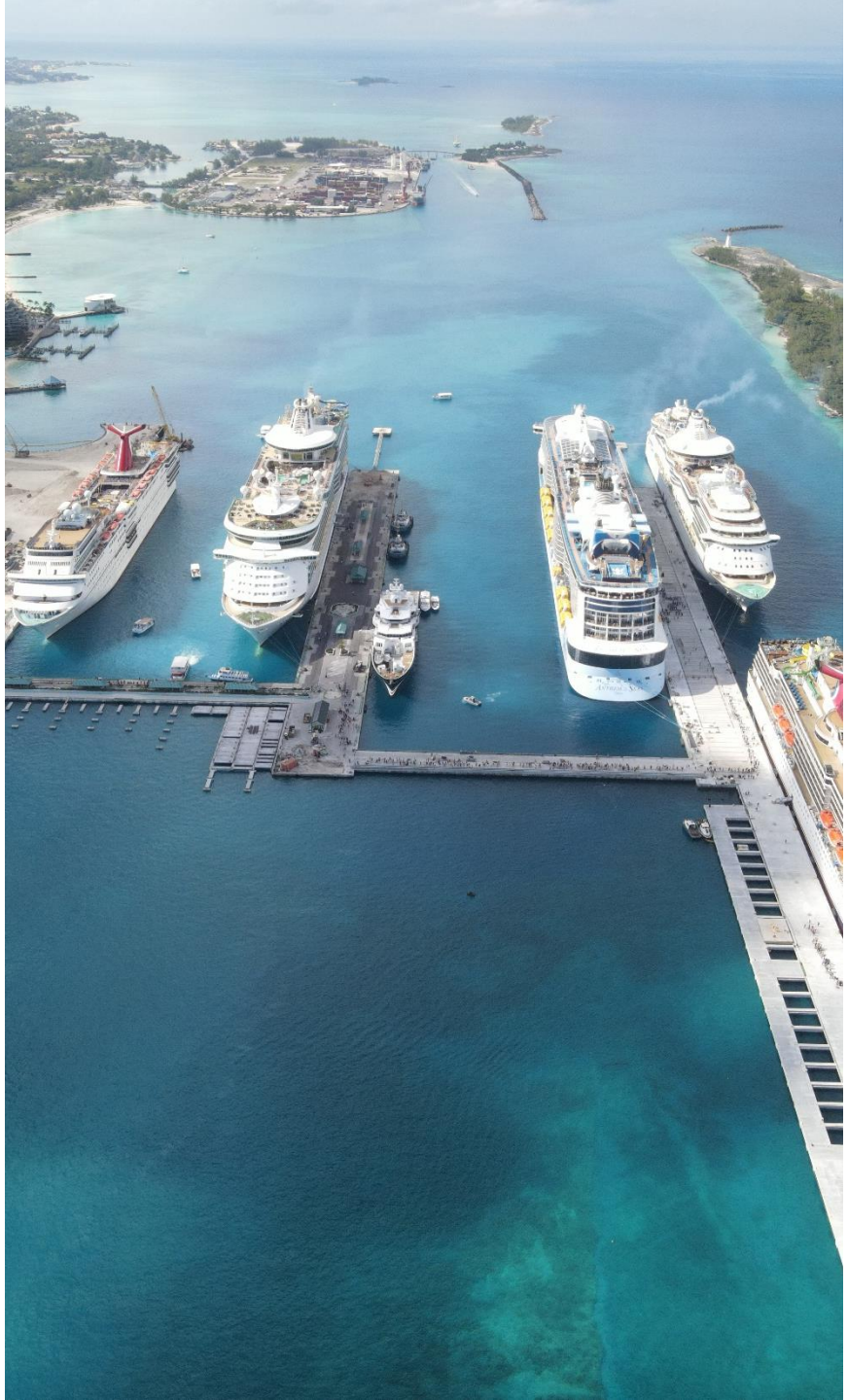
Milestones [2017-2022]

Germany

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

England

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.



Excellence

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

Bahamas

The first cruise port construction project received at the Bahamas.

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.

Our Vision

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

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.

- Inclusivity
- Integrity
- Sustainability
- Trust
- Commitment
- Innovative Acumen
- Solidarity
- Stewardship
- Transparency

PRIORITY 4

SUSTAINABILITY STRATEGY

Doing Good Business

Caring For Employees

Developing Communities

Reducing Environmental Impact

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 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 four foundations:

Doing Good Business

In carrying out its work honestly, in time and to the highest quality, ENKA ensures that a responsible and ethical approach is adopted at every level.

ENKA broadens the scope of its risk management so as to address economic, environmental and social issues in an integrated manner.

As part of its responsible supply chain management, ENKA encourages, trains, monitors and improves its business partners, subcontractors and suppliers.

ENKA also works towards raising awareness of sustainability among its branches and clients. ENKA provides leadership to all its stakeholders in the context of sustainability.

ENKA contributes to the realization of sustainable development through work on innovation and R&D.

Caring for Employees

ENKA protects the health and ensures the safety of its employees and subcontractors.

ENKA works to increase employee loyalty and to promote more active involvement of employees in decision-making mechanisms.

ENKA invests in training and development of its employees and provides them with equal opportunities for training and development.

ENKA works to impart an awareness of sustainability to its employees.

Developing Communities

ENKA contributes to the welfare and development of local communities through its infrastructure and superstructure investments.

ENKA supports the development of the engineering profession in all the regions of the world where it is active.

By spreading sustainability awareness in its schools, ENKA contributes to the development of a responsible generation.

ENKA invests in education, sports, culture and arts.

Reducing Environmental Impact

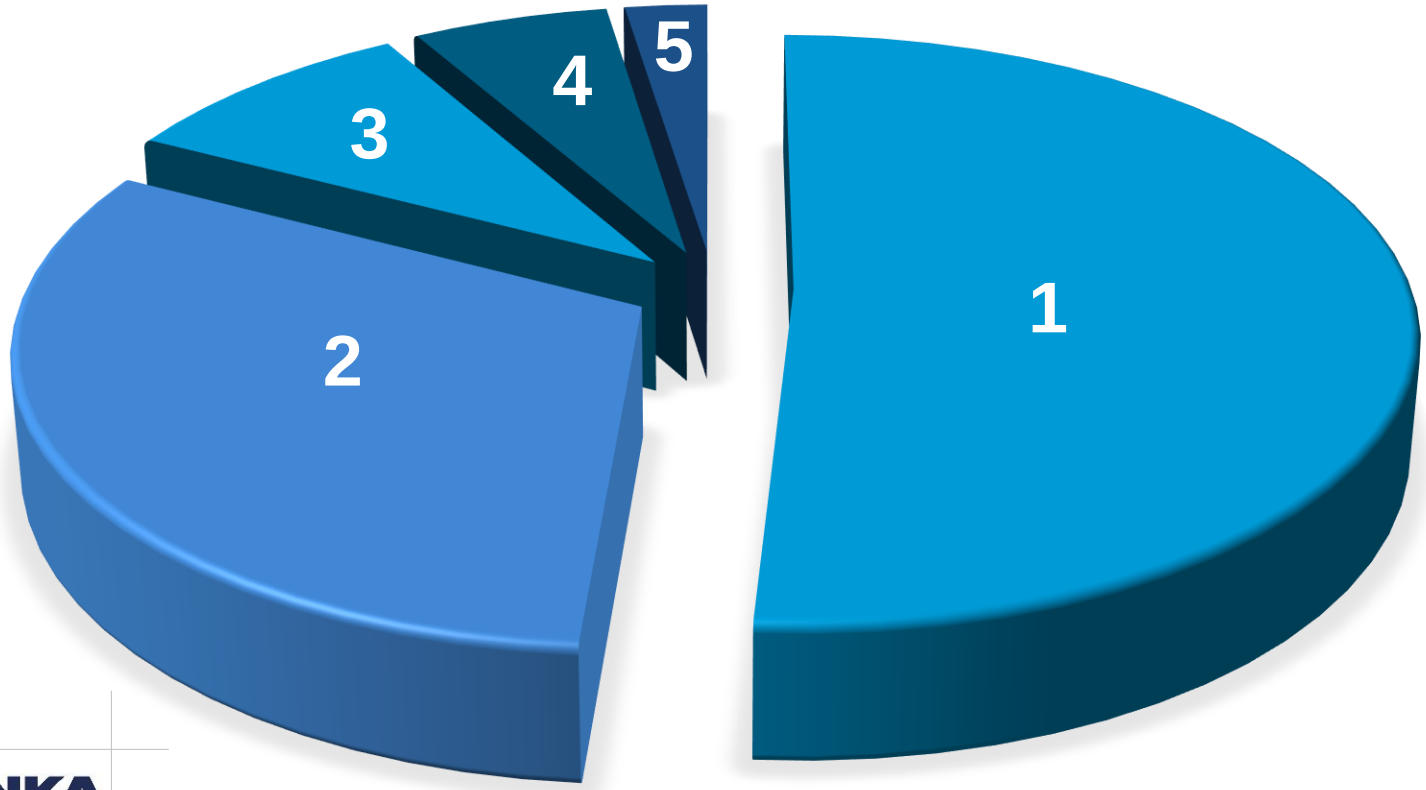
ENKA measures and reports on its environmental impact, sets targets and carries out improvements.

ENKA undertakes improvements to reduce its carbon and water footprint and to ensure energy efficiency.

ENKA develops and implements environment-friendly building solutions.

ENKA puts green office applications into practice and encourages its employees to respect the environment.

SHAREHOLDING STRUCTURE



No	Shareholder	Shares in Total
1	TARA FAMILY	51,43%
2	GÜLÇELİK FAMILY	31,44%
3	FREE FLOAT & OTHERS	8,79%
4	ENKA FOUNDATION	5,87%
5	ENKA TREASURY STOCK	2,47%

As of 25 March 2022

FINANCIAL HIGHLIGHTS

	2022	2021	2020	2019	2018
TOTAL ASSETS	8.581	9.102	8.454	8.318	7.796
TOTAL EQUITY	6.471	6.675	6.694	6.568	6.103
CASH & MARKETABLE SECURITIES	4.597	5.265	4.406	3.960	3.252
REVENUE	3.731	2.859	1.659	1.893	2.881
EBITDA	820	686	386	436	757
EBITDA MARGIN	22,0%	24,0%	23,3%	23,1%	26,3%
NET PROFIT	118	610	643	686	328
NET MARGIN	3,2%	21,3%	38,8%	36,2%	11,4%

All figures given above are in Million US Dollars

REVENUES BY BUSINESS LINES

	2022		2021		2020		2019		2018	
	USD	%	USD	%	USD	%	USD	%	USD	%
CONSTRUCTION	1.933	51,8	1.569	54,9	1.263	76,1	1.147	60,6	1.011	35,1
POWER GENERATION	1.298	34,8	797	27,9	0	0,0	324	17,1	1.474	51,2
REAL ESTATE	344	9,2	304	10,6	289	17,4	346	18,3	329	11,4
TRADE	247	6,6	252	8,8	154	9,3	119	6,3	165	5,7
ELIMINATION	(91)	(2,4)	(63)	(2,2)	(47)	(2,8)	(43)	(2,3)	(98)	(3,4)
TOTAL	**3.731**	**100**	**2.859**	**100**	**1.659**	**100**	**1.893**	**100**	**2.881**	**100**

All figures given above are in Million US Dollars

EBITDA BY BUSINESS LINES

	2022			2021			2020			2019		
	USD	%	MRG	USD	%	MRG	USD	%	MRG	USD	%	MRG
CONSTRUCTION	483	59	25	385	56	25	201	52	16	142	33	12
POWER GENERATION	92	11	7	67	10	8	(17)	(4)	-	68	16	21
REAL ESTATE	194	24	56	194	28	64	187	48	65	213	49	62
TRADE	51	6	21	40	6	16	16	4	10	10	2	8
ELIMINATION	0	0		0	0		(1)	0		3	1	
TOTAL	**820**	**100**		**686**	**100**		**386**	**100**		**436**	**100**	

All figures given above are in Million US Dollars

SHARE CAPITAL INCREASES

DATE	PREVIOUS SHARE CAPITAL	INCREASE	INCREASE (%)	INCREASED SHARE CAPITAL
25.05.2012	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

DIVIDEND PAYMENTS

YEAR	DATE	GROSS RATE	NET RATE	CASH DIVIDEND		D.P.F.S.*	
				TL	USD	TL	USD
2021	05.01.2022	20,00%	18,00%	1,120	84,9	0	0
	13.04.2022	50,00%	45,00%	2,800	192,3	61,0	4,19
			2021 TOTAL	3,920	277,2	61,0	4,19
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
2018	12.12.2018	4,00%	3,40%	200	37,3	0	0
	17.04.2019	15,00%	13,67%	750	129,6	34,2	5,89
			2018 TOTAL	950	166,9	34,2	5,89

*** Dividend paid to Founder Shares**

SHARE BUYBACK

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 Million	5,0 Billion	0,10%
July 2018	Share Buyback	5 Million	5,0 Billion	0,10%
August 2018	Share Buyback	10 Million	5,0 Billion	0,20%
January 2019	Share Buyback	10 Million	5,0 Billion	0,20%
September 2019	Share Buyback	10 Million	5,0 Billion	0,20%
October 2019	Share Buyback	20 Million	5,0 Billion	0,40%
February 2020	Share Buyback	10 Million	5,0 Billion	0,20%
August 2020	Share Buyback	26,1 Million	5,6 Billion	0,47%
2022	Share Sales	(9 Million)	6,0 Billion	(0,15%)
			TOTAL COMPLETED	**2,32%**

There is no ongoing share buyback decision taken

ACHIEVEMENTS & AWARDS

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

ADMIRED COMPANY

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

POWER

In 2011, ENKA's Adapazarı 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.

ACHIEVEMENTS & AWARDS

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

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,

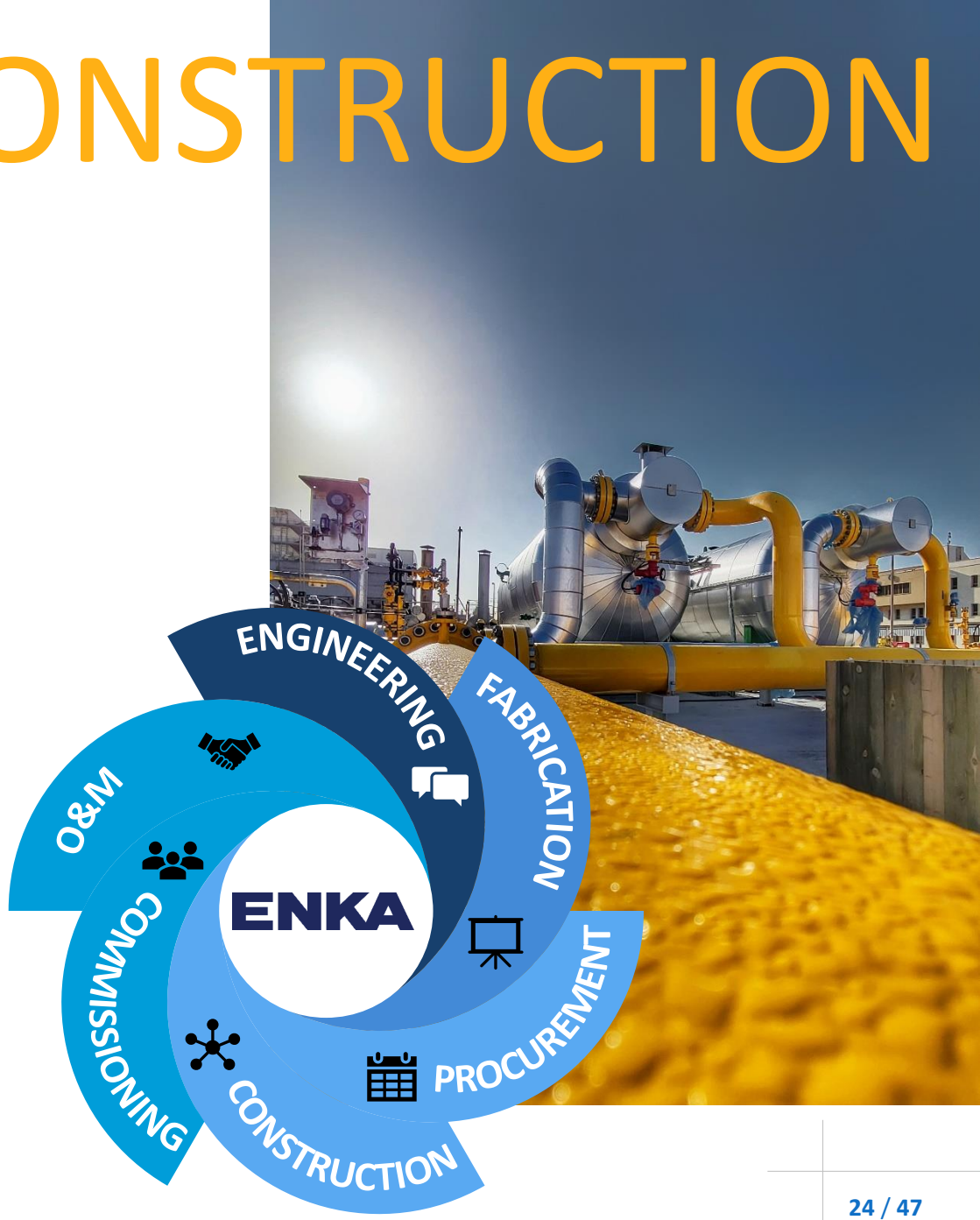
Fabrication,

Procurement,

Construction,

Commissioning and start-up,

Operation and management.



BACKLOG

Country	Backlog	%
Special Projects	1.210	29,4
Russia	651	15,8
United Kingdom	547	13,3
Kazakhstan	224	5,4
Germany	193	4,7
Finland	140	3,4
USA	116	2,8
Mexico	49	1,2
The Bahamas	47	1,1
Türkiye	46	1,1
Libya	20	0,5
Others *	879	21,3
Total	**4.122**	**100,0**

*** The group «Others» consists of the following countries:**
Brasil, China, Croatia, France, Hungary, Iraq, Ireland, Netherlands, Poland, Saudi Arabia, Serbia and Sweeden.

All figures given above are in Million US Dollars

SELECTED PROJECTS

UNDER CONSTRUCTION

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 with a project duration of 45 months.

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

SELECTED 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^3 of excavations, over 17 million m^3 of earth filling, 490,000 m^3 of concrete, 1.7 million m^3 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 EUR 550 Million.

SELECTED PROJECTS

UNDER CONSTRUCTION

St. Petersburg High-Technological Multifunctional Medical Complex (HMMC)
Russian Federation

ENKA commenced work in 2019 on design and construction of a High-Technology Multifunctional Medical Complex (HMMC) Project in St. Petersburg in the Russian Federation.

The project is being implemented by the SOGAZ Medicine Clinical Group. The initial phases of the project were signed signed with LLC Constructiv acting on behalf of LLC MMC SOGAZ Medical Technologies.

Covering an area of more than 200,000 m², the complex will include an oncology center, a multidisciplinary clinic, a rehabilitation and sports medicine center, an educational complex and a nuclear medicine center. All the buildings will be connected by galleries.

The complex will have a world-class range of modern diagnostic and medical equipment. It will operate its own ambulance substation, polyclinic, accidents and emergencies unit, trauma center and hospital. The modern clinic will provide medical care to 20,000 patients a year.

SELECTED PROJECTS

UNDER CONSTRUCTION

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 following construction and installation works of the new facility.

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

SELECTED PROJECTS

UNDER CONSTRUCTION

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 216 Million

SELECTED PROJECTS

UNDER CONSTRUCTION

Tripoli West 671 MW & Misurata 650 MW Simple Cycle Power Plants - Libya

Job owner : General Electricity Company of Libya

For meeting the growing electricity demand of Libya, ENKA and its consortium partner Siemens signed contracts with General Electricity Company of Libya (GECOL) for the construction of the Fast-track Projects of 650 MW Misurata Simple Cycle Power Plant and 671 MW Tripoli West Simple Cycle Power Plant in Libya.

The Misurata project is based on a power island configuration for two SGT5-PAC 4000F Siemens combustion turbine generator units, whereas the Tripoli West project is based on a power island configuration for four SGT5-PAC 2000E Siemens combustion turbine generator units. The turbines of the plants will be dual-fuel fired with light fuel oil and natural gas.

Power will be generated in the CTGs and stepped up through main transformers to the grid. Both projects are planned to be completed in 2022.

Contract price (ENKA's share) : EUR 336 Million

SELECTED PROJECTS

UNDER CONSTRUCTION

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 184 Million

SELECTED PROJECTS

UNDER CONSTRUCTION

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 170 Million

SELECTED PROJECTS

UNDER CONSTRUCTION

YANDEX Headquarters - Russia

Job owner : Yandex LLC

On December 13, 2021, ENKA signed a contract for the construction an innovative new headquarters for Yandex, the global technology leader, in the Gagarinsky District of Moscow, the Russian Federation.

A new project of ENKA, Yandex Headquarters, sits on a prominent site near the Moskva River, a short distance from the some of the city's leading research institutions and the company's first office. The headquarters, the total above-ground area of which will be approximately 162.000 m^2, will enable staff to have a healthy and sustainable place for seamless work and recreation.

The above-ground part of headquarters will be combined into a single complex by three multi-height wings with the highest one up to 75 m and the central atrium with the transparent roof. Light-weight and constructible façade will be cladded with metal panels.

The building is to be lifted up to reveal a ground floor that will step up across the site to connect a large, open plaza and green spaces on one side with neighboring streets on the other. This continuous space will be open to the public and will include restaurants, cafes, along with the Yandex Museum highlighting the company's cultural and technological growth since the early 1990s.

Contract price : EUR 500 Million

ENGINEERING FABRICATION

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

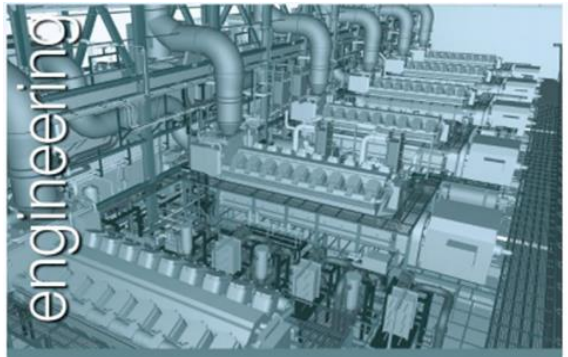
Ningbo Modular Skids & Pipe Spools

Module & Shipyard

Precision Machining

ENGINEERING

FABRICATION



- 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

- 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

- 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

- Multi - Axis CNC Machining
  - Machining Tolerances: ± 0.005mm
  - CMM Inspection
- Tooling & Fixture Design (Product Specific)
- Formed, Cast & Forged Products
  - Combustion Components
  - Special Forged Fittings
  - Flanges

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

- 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

FOUNDATION ENGINEERING

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 Turkey and abroad.

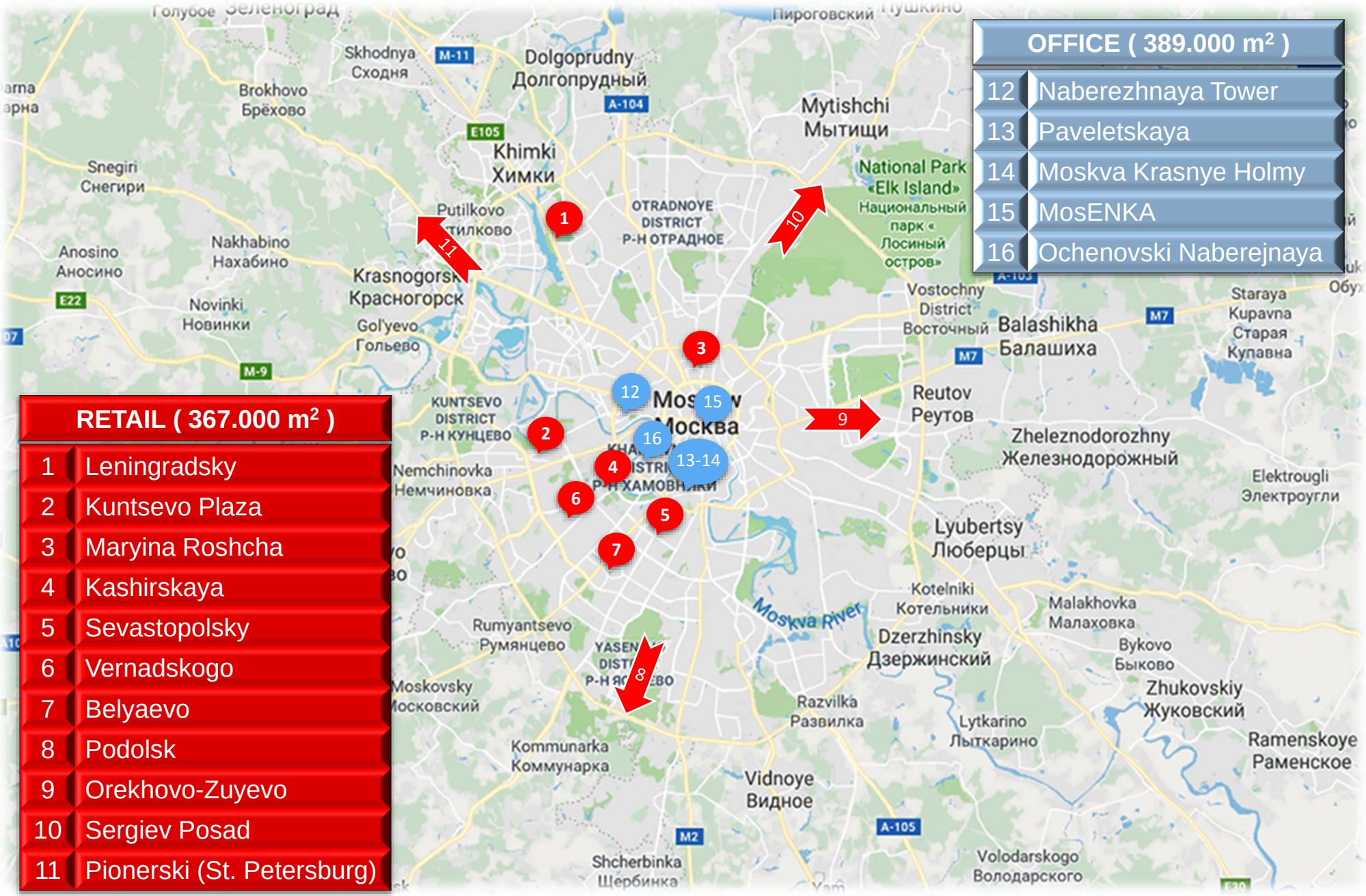
REAL ESTATE

TYPE	SIZE (NLA)	OCCUPANCY	RATE
Class A Office Area	389.000 m^2	84%	USD 600/m^2/year
Retail Area	367.000 m^2	92%	USD 300/m^2/year
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.

REAL ESTATE



OFFICE (389.000 m²)	
12	Naberezhnaya Tower
13	Paveletskaya
14	Moskva Krasnye Holmy
15	MosENKA
16	Ochenovski Naberejnaya

RETAIL (367.000 m²)	
1	Leningradsky
2	Kuntsevo Plaza
3	Maryina Roshcha
4	Kashirskaya
5	Sevastopolsky
6	Vernadskogo
7	Belyaevo
8	Podolsk
9	Orekhovo-Zuyevo
10	Sergiev Posad
11	Pionerski (St. Petersburg)

REAL ESTATE

EBITDA

YEAR	RENTAL REVENUE	EBITDA	EBITDA MARGIN
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

REAL ESTATE

SOME TENANTS

Alibaba.com
ARCONIC
DELL
Lilly
gsk GlaxoSmithKline
IBM
UNIVERSAL
KPMG
BVLGARI
MITSUI & CO., LTD.
HSBC
Linklaters
la prairie SWITZERLAND
wheely
EY Building a better working world
IATA
Nestlé
UBS
QUALCOMM
OZON ИНТЕРНЕТ-МАГАЗИН
CMS law·tax·future
LG
ВТБ

COMPLETED INVESTMENTS

REAL ESTATE

1 Kuntsevo Multifunctional Trade & Business Center

Total Investment: USD 484 Million
Total Area: 245.000 m^2, Net Leasable Area: 90.000 m^2

29.000 m^2 Office and 61.000 m^2 Retail

Completion: 2015

2 Kashirskaya Plaza Multifunctional Trade Center

Total Investment: USD 232 Million
Total Area: 196.750 m^2, Net Leasable Area: 70.000 m^2

Completion: 2018

POWER GENERATION

3 gas-fired combined cycle power plants

Gebze, Adapazarı and Izmir 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 Izmir 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 Izmir 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

POWER GENERATION

COMMITTED AMOUNTS	TOTAL
Total Debt (75%)	1.530
Total Equity (25%)	510
Total Project Cost	2.040

PROJECT FINANCE	TOTAL
US EXIM, USA	860
OPIC, USD	300
HERMES, GERMANY	185
OND, BELGIUM	125
OTHER BANKS	60
TOTAL	1.530

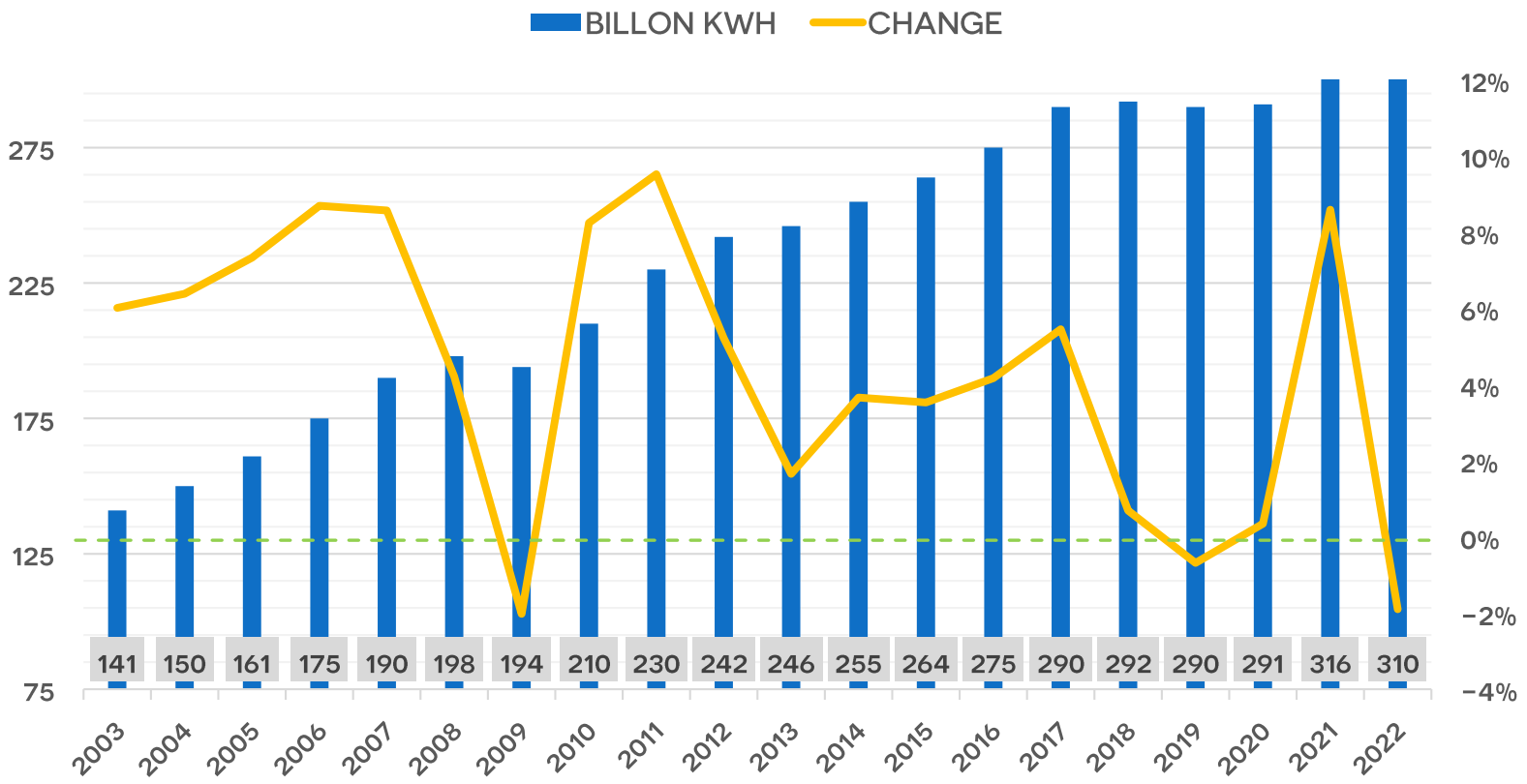
All outstanding project finance loans have been <u>fully paid back</u> in 2013

POWER GENERATION

SOURCES	2021 Million Kwh	2021 %	2021 Million Kwh	2021 %	
Coal	104,115	33.2	113,611	33.0	▲
Hydro	55,473	17.7	66,606	17.6	▲
Natural Gas	107,340	34.2	71,864	34.0	▼
Wind	30,901	9.8	34,561	9.8	▲
Geothermal	10,105	3.2	10,223	3.2	▲
Others	7,786	2.5	10,963	2.5	▲
International (Net)	(1,773)	(0.6)	2,577	(0.6)	
Total Consumption	315,721	100	310,406	100	

Source: Energy Exchange Istanbul (www.epias.com.tr)

POWER GENERATION



ENKA

ENKA

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