

GAP İNŞAAT

COMPANY OVERVIEW

INFORMATION

Company Info

A Group Company of
Çalık Holding
 Established in 1996
 Headquarters in Istanbul

Business Areas

28
projects

Industrial Plants

- ✓ Ammonia & Urea Plants
- ✓ Water Treatment Plants
- ✓ Cement Factories



30
projects

Healthcare

- ✓ Medical Centers



12
projects

Infrastructure

- ✓ Sea Ports
- ✓ Railways
- ✓ Highways
- ✓ ICT Networks



75
projects

Superstructure

- ✓ Education
- ✓ Real Estate Development



Completed Projects
136

Contract Value
6.19 Bn USD

Ongoing Projects
9

Contract Value
2.08 Bn USD

Projects
145

Total Contract Value
8.27 Bn USD

Since 2006
 Ranking in

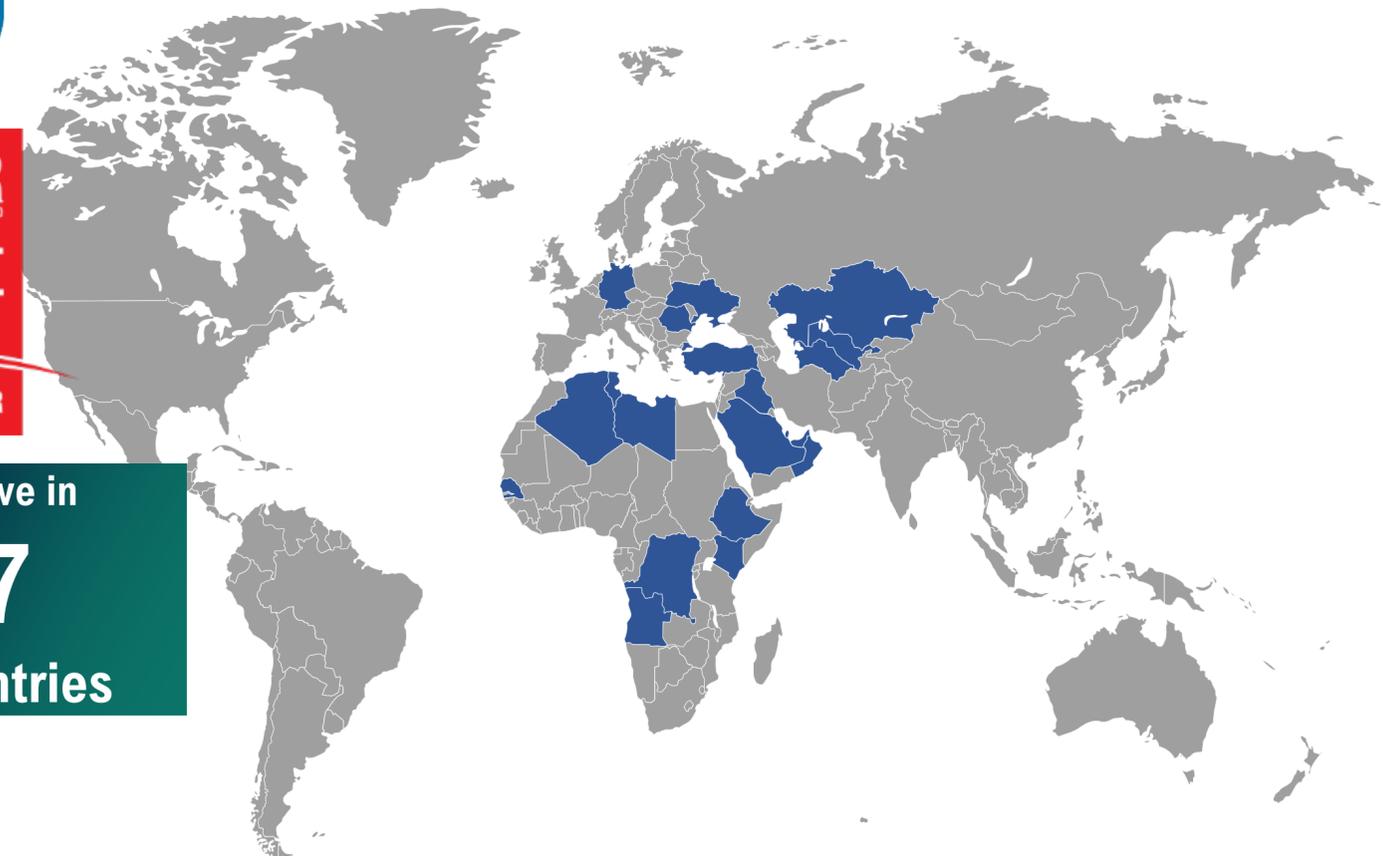
ENR
 Engineering News-Record
 Top International Contractors

5.000+
 Employees



Active in
7
 Countries

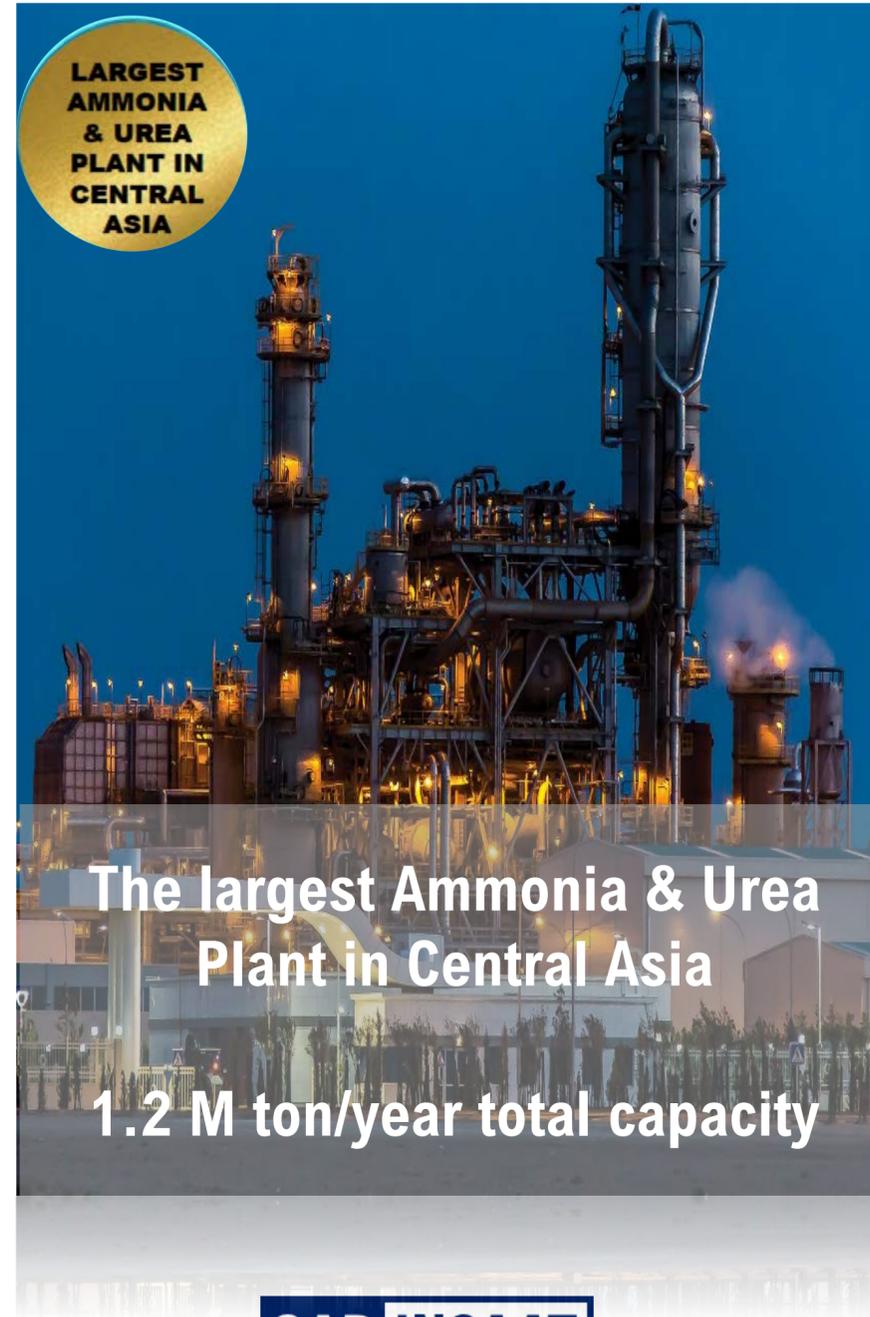
Geography





The biggest seaport of the Caspian Sea

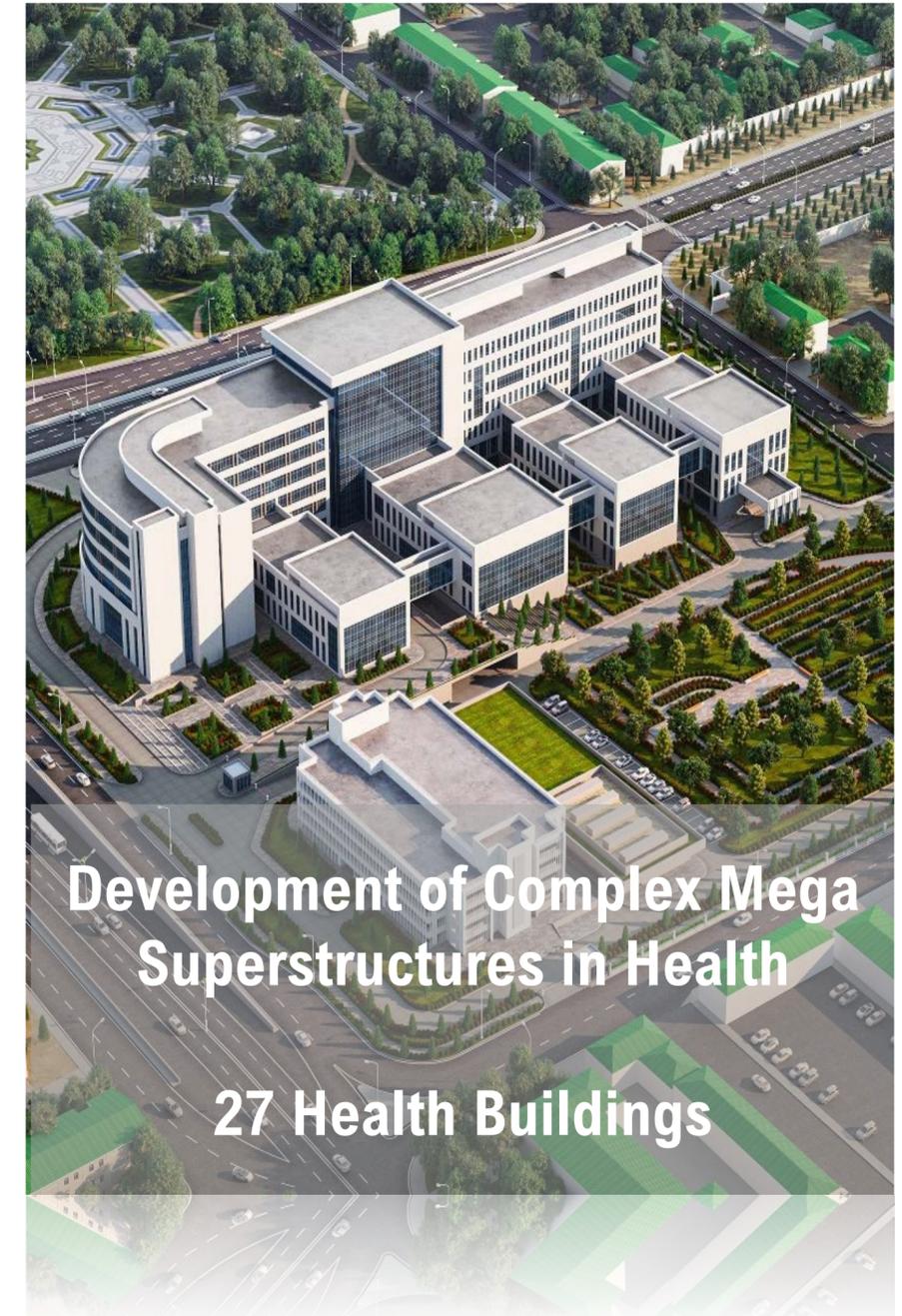
1.516.438 m2 Project Area



LARGEST AMMONIA & UREA PLANT IN CENTRAL ASIA

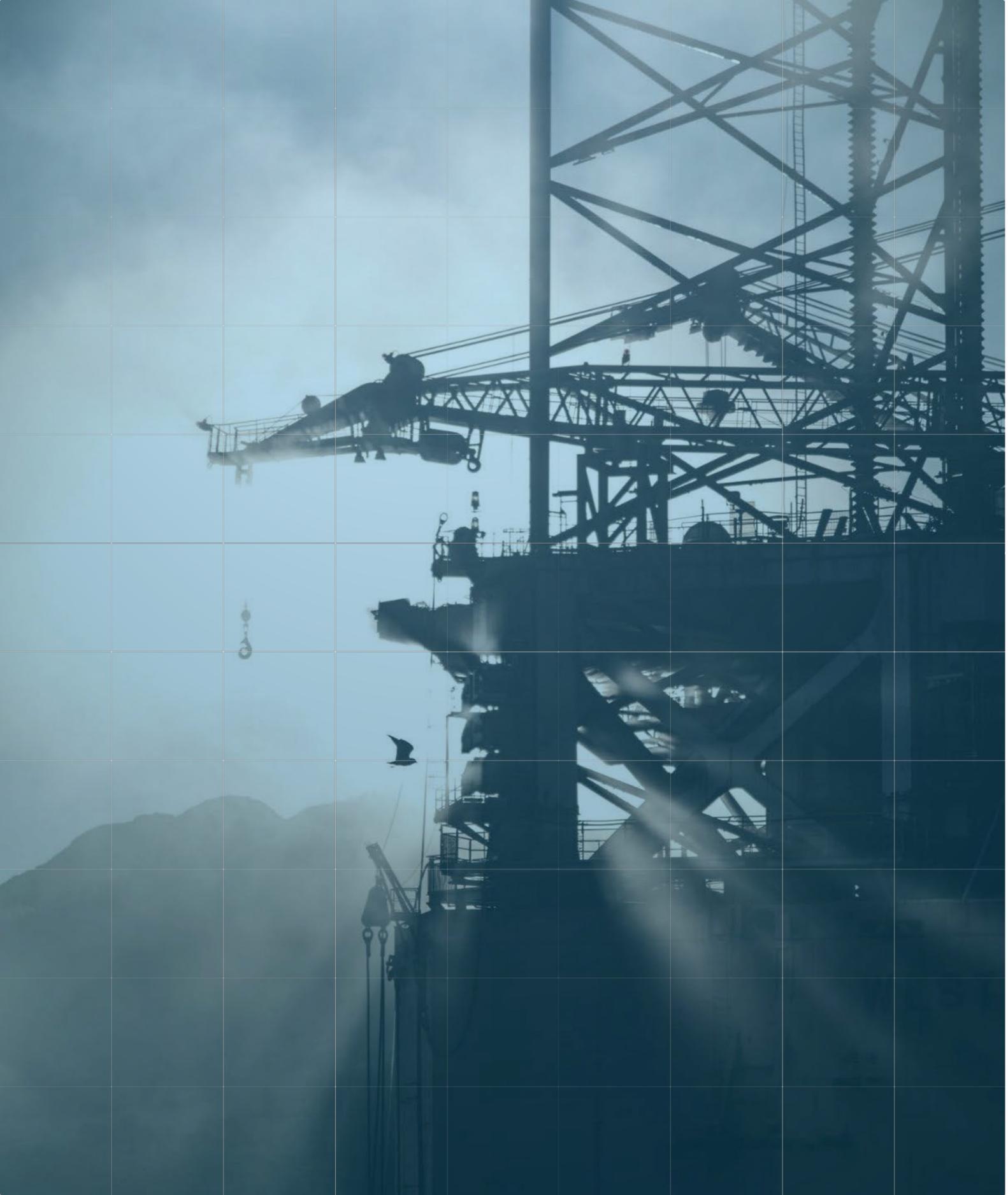
The largest Ammonia & Urea Plant in Central Asia

1.2 M ton/year total capacity



Development of Complex Mega Superstructures in Health

27 Health Buildings



Industrial Projects

Industrial Projects

Industrial
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Garabogaz Ammonia and Urea Production Plant

Gap İnşaat and Mitsubishi Corporation carried out the plant with an annual production capacity of 1,155,000 tons.

FACTS OF GARABOGAZ PROJECT

- 155.000 Tons of Urea, 660.000 Tons of Ammonia per year
- Natural Gas Consumption in Operation: 1 Billion m³/year
- 30 million man-hours workshop
- Painting, Coating, Insulation: 290.000 m²
- Construction Steel Works: 13.000 Tons
- Earth Works: 2.600.000 m³
- Electrical Cabling:: 1.600 km
- Piping Works: 450 km / 750.000 dia-inch
- Concrete Works: 154.000 m³
- Power Generation: 2x30 MVa Gas Turbines
- Total Equipment Weight: 39.000 Tons
- Cooling by Sea Water: 47.000 m³/h

PROCESS LICENSORS

Ammonia Technology:

HALDOR TOPSØE A / S, «Denmark»

Urea Technology:

SAIPEM S.P.A., «Italy»

Urea Technology:

UHDE GÜBRE TEKNİK. B.V, «Netherlands»

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The location of the plant is at a distance of about 3 km from Bekdash, a remote town of Turkmenistan at the Caspian Coast Line in the Garabogaz District, near the Kazakhstan border

Garabogaz Ammonia and Urea Production Plant

Garabogaz Fertilizer Plant, which makes significant contributions to the regional and national economy, is designed to produce its energy to be used at the facilities with the power plant built in the factory; likewise, the entire water need will be generated at the water treatment facility established in the factory.

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Garabogaz

TURKMENISTAN

Çöpler Sulphite Expansion Project

Çöpler Sulphite Expansion Project can process up to 5,000 tons of sulphide ore per day with Pressurized Oxidation (POX) and the heap leach method used in the existing facility.



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Gediktepe Mine Field Project

Silver and Gold Production Facilities



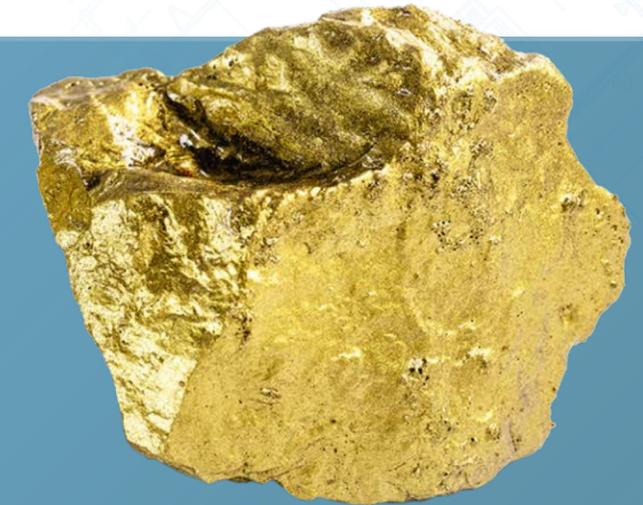
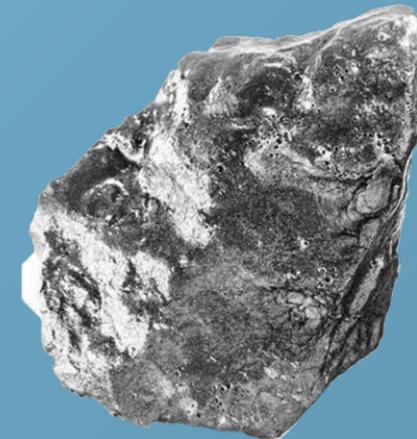
The project located in Turkey's Balıkesir province in the sales of gold and silver in the upper oxidized portions; In its sub-media, it is a field that hosts polymetallic mineralization containing copper, zinc, gold and silver with economic value. While continuing the feasibility studies on sulphide ore, the construction of the licensed facility to provide gold and silver production was started under the management of Gap Insaat.

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Petronas Gas and Energy Terminal



The Petronas Carigali Power Plant in Turkmenistan's Kiyarly region underwent a two-year construction period and has now been officially turned over to the Ministry of Energy.

The power plant, which plays an essential role in Turkmenistan's petroleum and energy needs, makes the country more powerful with its power generation capacity in the international arena.



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Tejen Ammonia and Urea Production Plant

The project, Turkmenistan's Tejen city, was put into service as the first fertilizer production plant of Turkmenistan.

The plant operates under the Turkmenistan Ministry of Energy and has a yearly production capacity of 350,000 tons. It serves a significant portion of Turkmenistan's agricultural lands' fertilizer requirements, contributing greatly to the advancement of the national agriculture sector and the economy.



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Kelete Cement Production Plant

The Kelete Cement Plant, located in the city of Ashkhabad in Turkmenistan, has an annual production capacity of 1 million tons. Its contribution to the national construction sector and economy is significant.



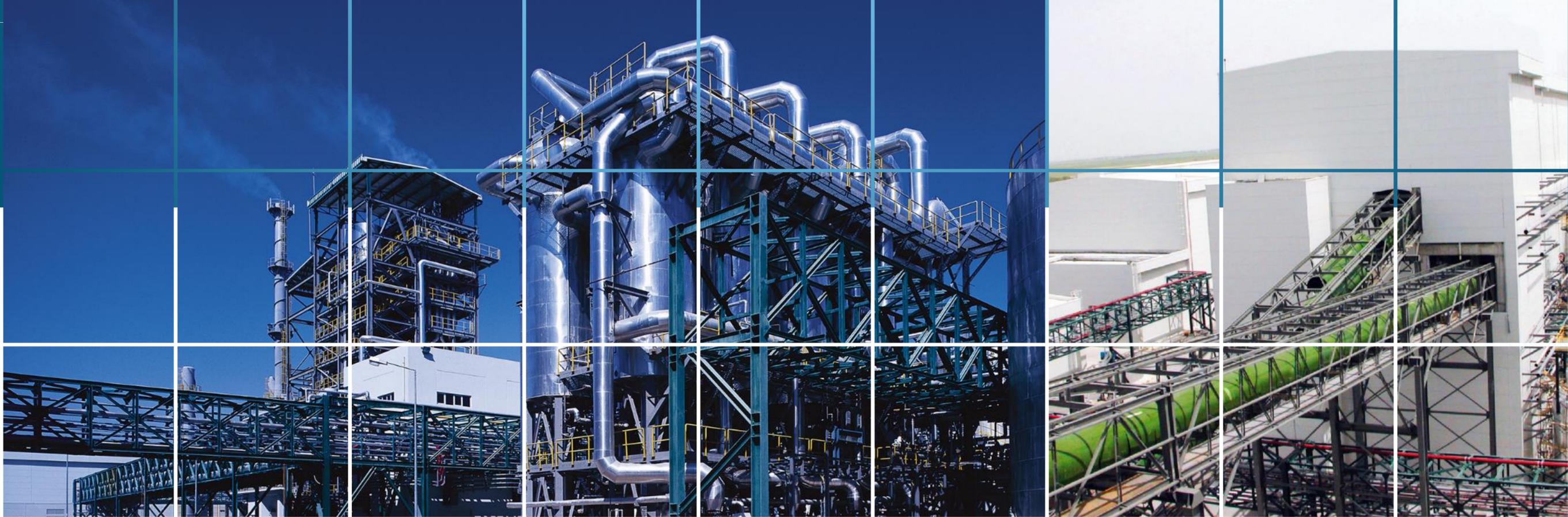
Industrial
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Yaşlık Paper and Cellulose Complex



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The Paper and Cellulose Complex in Yaşlık boasts an impressive annual production capacity of 45,000 tons, making it a valuable contributor to the paper and cellulose industry in the country.

Türkmenbaşı Jeans Complex



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The Türkmenbaşı Jeans Complex is situated on the renowned Silk Road within the Karakum Desert region, covering an impressive area of 53,310 square meters. With a remarkable annual production capacity of 8.5 tons of yarn, 12 million meters of fabric, and 4.5 million pieces of jeans, this plant is a significant contributor to the textile industry.

Türkmenbaşı Textile Complex



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The Türkmenbaşı Textile Complex has an impressive annual fabric production capacity of 22 million square meters, catering to both domestic and foreign markets.



Healthcare Projects

Healthcare Projects

Industrial

Healthcare
Projects

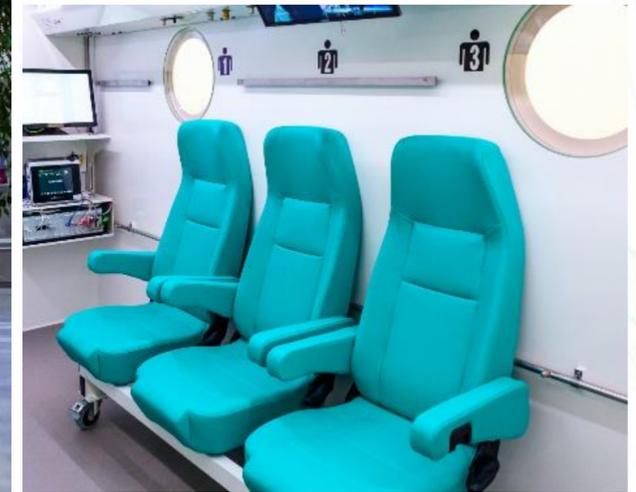
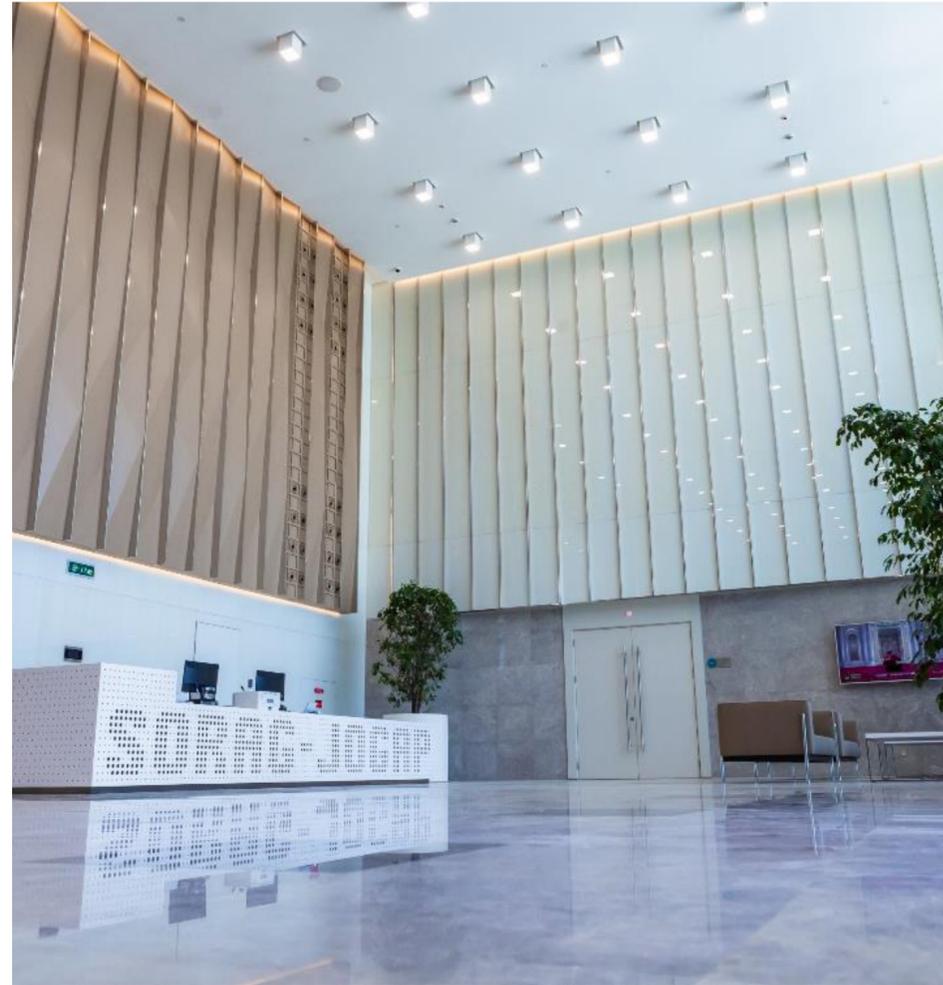
Infrastructure

Superstructure



International Burn Center

The International Burn Center is an expansive medical facility spanning 4.05 hectares, complete with 130 beds, 4 operating rooms, and 20 intensive care units. Its design adheres to the guidelines set forth by SNT and global standards, ensuring a thoughtful and comprehensive approach to patient care. The center's construction area spans a spacious 26,500 m², providing ample space for patients and medical staff alike.



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International Endocrinology and Surgical Center

The Endocrinology and Surgical Center operates from two distinct buildings, boasting a total of 18 treatment rooms, 28 intensive care units, and several advanced laboratories equipped with cutting-edge technology. Its construction area spans a vast 54,000 m², and its structural design adheres to international standards in compliance with the SNT criteria.

The endocrinology department has a capacity of 120 beds while the operation center can accommodate up to 180 beds..



International Neurology Hospital



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The Neurology Hospital was constructed on a vast area of around 24,000 square meters. The project comprises three distinct blocks, and the hospital commenced operations with a 120-bed capacity.

Science Center

The Science Center spans approximately 21,000 square meters and collaborates with leading scientific institutions like TUBITAK, Fraunhofer Institute, and Max-Planck Institute. Through these partnerships, the center elevates the achievements of Turkmen doctors and medical works in Turkmenistan to meet global standards.



Emergency Hospital

The Ministry of Health in Turkmenistan has recently received the Emergency Hospital, covering an area of around 32,000 square meters. Boasting 230 beds, this hospital is now the largest emergency center in the country.



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Infusion Solution Production Plant

A hospital spanning 5,500 square meters, situated on a 27 Infusion Solution Production Plant, has been constructed and equipped with imported European machinery. It boasts a production capacity of 10 million bottles annually and has been inaugurated as Turkmenistan's "first serum production plant" by the Ministry of Health.



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Infrastructure e Projects

Infrastructure Projects

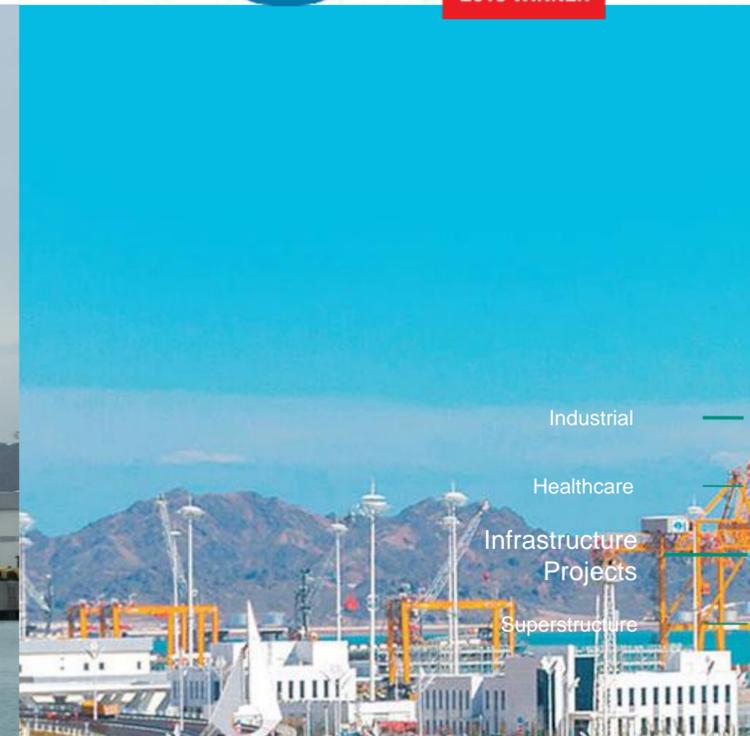
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International Türkmenbaşy Seaport Project



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The International Türkmenbaşy Seaport project in Turkmenistan has been completed, featuring a ferry and passenger terminal, container terminal, general cargo port, bulk cargo port, and ship building and repair facility. Additionally, the Ro-Ro and polypropylene terminal has been expanded. This project, with a budget of \$1.5 billion, is the largest seaport in the Caspian Sea.



Total Project Area
1.516.438 m²



Land Reclamation Works
1.155.914 m²



Length of Total Berth
3616 m



Port Capacity
17 Million Ton/Year

*29.5 km railway, 3.9 km asphalt road,
2 bridges Rail and Road Access*

International Türkmenbaşy Seaport Project

 Contract Price:
1.517.837.262 USD

 Port Capacity:
17 Million Ton/Year

 Operational Staff:
2460 Person

 Total Project Area:
1.516.438 m²

 Land Reclamation Works:
1.155.914 m²

 Length of Total Berth:
3616 m

 Total Building Area:
146.962 m²

 Artificial Island Area:
1.692.761 m²

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General Infrastructure:
**29.5 km railway,
3.9 km asphalt road,
2 bridges rail and road access**

Ship Repair and Construction Yard:
**10.000 ton/year Steel,
2.000 ton/year Steel**

RoRo and RoPax Terminal:
**300.000 passenger/year,
75.000 vehicle/year**

Container Terminal:
**400.000
container/year**

General Cargo Terminal:
4.000.000 ton/year

Dry Bulk Terminal:
3.000.000 ton/year

Existing Railroad Ferry
Terminal (Reconstructed):
75.000 vagon/year

Polypropylen Terminal:
120.000 ton

International Türkmenbaşy Project Artificial Bird Island

To Let Birds Fly More Freely...

In the project constructed in compliance with the Green Port standards, nesting locations on birds' migration routes are being turned into a special bird sanctuary as a sign of Gap İnşaat's respect for nature.



Birds Island Total Area
1.692.761m²



Total amount of dredged material
12 million m³



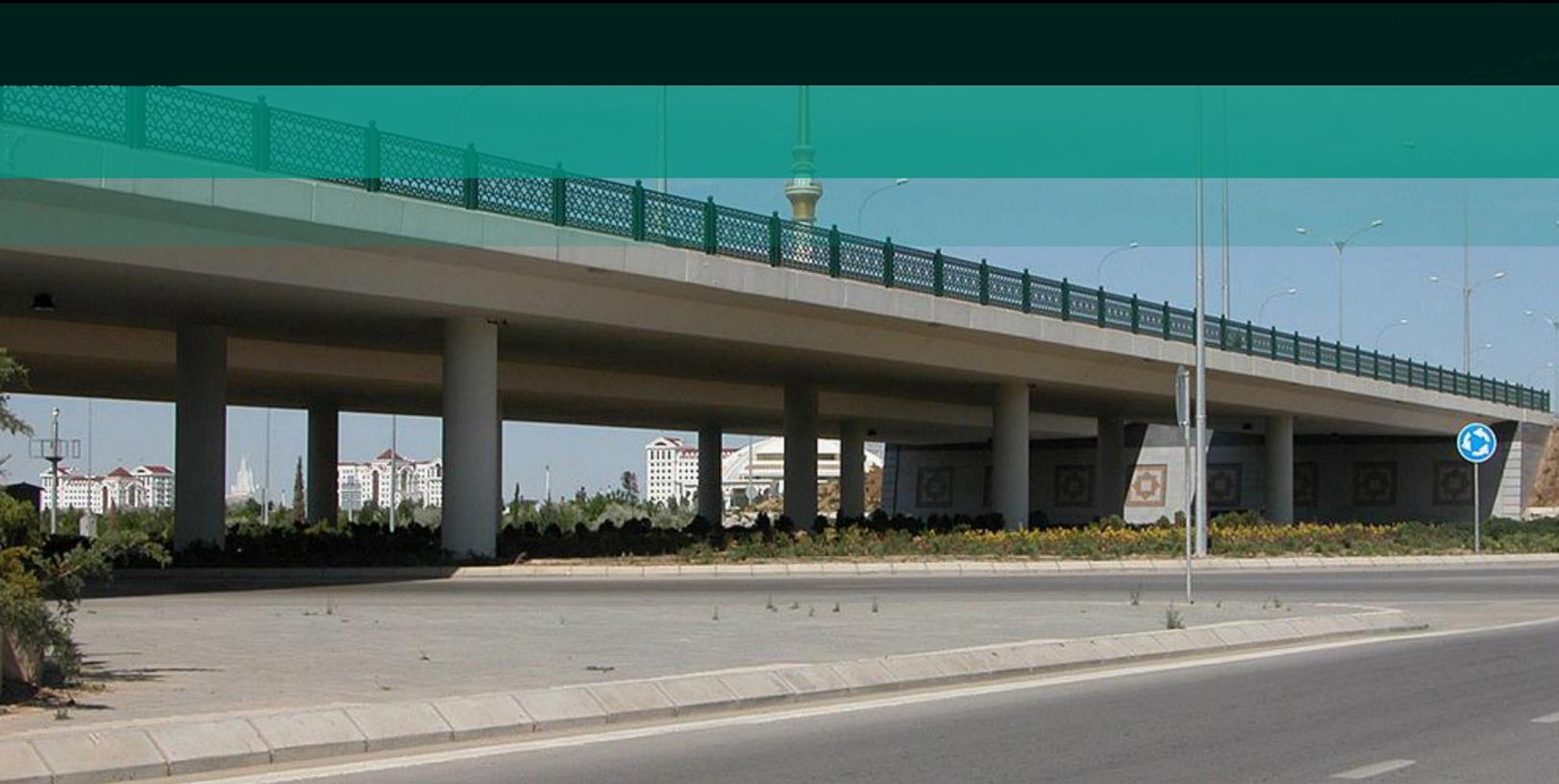
**70 pcs Local
Birds Observed**



**Shelter for
Migratory Birds**



Arçabil Şayolu Highway



Arçabil

A major transportation project was underway with the goal of connecting the Ashkhabad Region of Turkmenistan to the surrounding areas.

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Malatya Wastewater Treatment Plant



A consortium consisting of Lurgi Bamag, Sistem Yapı, and Gap İnşaat constructed a plant utilizing modern technology to address one of Malatya's most pressing issues with a permanent solution.

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Sapanca Lake Yuvacık Water Treatment Pipeline Project

This water treatment plant in Sakarya province provides clean and fresh water using advanced treatment technologies. It has an impressive annual capacity of treating 5.5 million cubic meters of water.

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Superstructure Projects

Superstructure Projects

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Projects**

Tarlabası Urban Renewal Project

The project, which has been awarded the “Best Urban Renewal Project” of Europe in the 18th International Property Awards, covers a total of 9 city blocks located in Beyoğlu, one of the most important locations of Istanbul. With the project consisting of office and residence sections, the face of the region will change, and the historical texture that was lost will also be restored.



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First Urban Renewal Project that Complies with Leed Gold Criteria

Tarlabası Urban Renewal Project is the first urban renewal project developed in accordance with the LEED Gold criteria built in Turkey's public-private partnership (PPP) in the historical region.

Metropol İstanbul

Metropol İstanbul, built in Ataşehir within the borders of İstanbul International Finance Center, consists of approximately 705 thousand square meters of construction area on an area of 100 thousand square meters.

Metropol İstanbul is one of the most significant mixed projects of the world with a total of three towers one of which is 300 meters and the other two are 150 meters, a shopping street of 400 meters, 1,500 residences and office units.

Located as the new address of the world of fashion, art, shopping, and finance, Metropol İstanbul has the highest tower on the Anatolian Side.

Energy and Environment Friendly Design

Metropol İstanbul is designed in accordance with the LEED (Leadership in Energy and Environment-Friendly Design)

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Şehrizar Mansions

Located in the prominent area of Üsküdar in Istanbul, this project spans across 50,000 square meters and is situated between two continents.

The project comprises of 209 opulent apartments, spread across 38 blocks, ranging in size from 180 to 626 square meters.

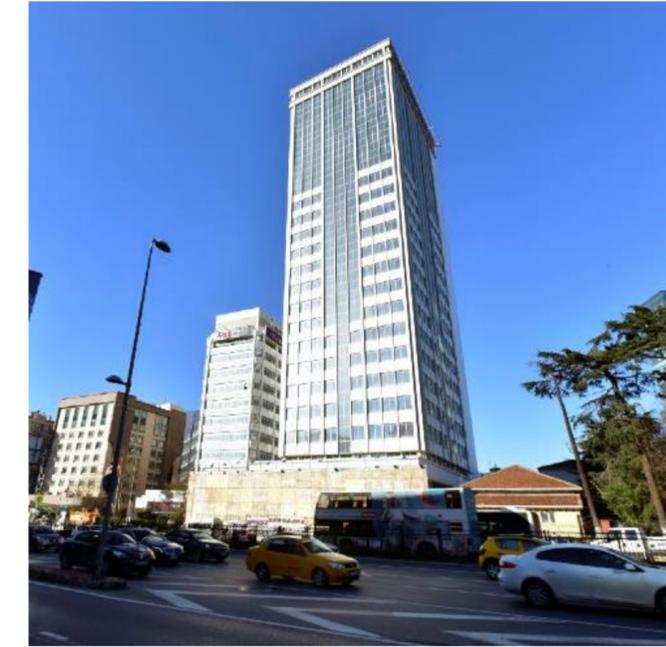


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Zincirlikuyu Tower Project

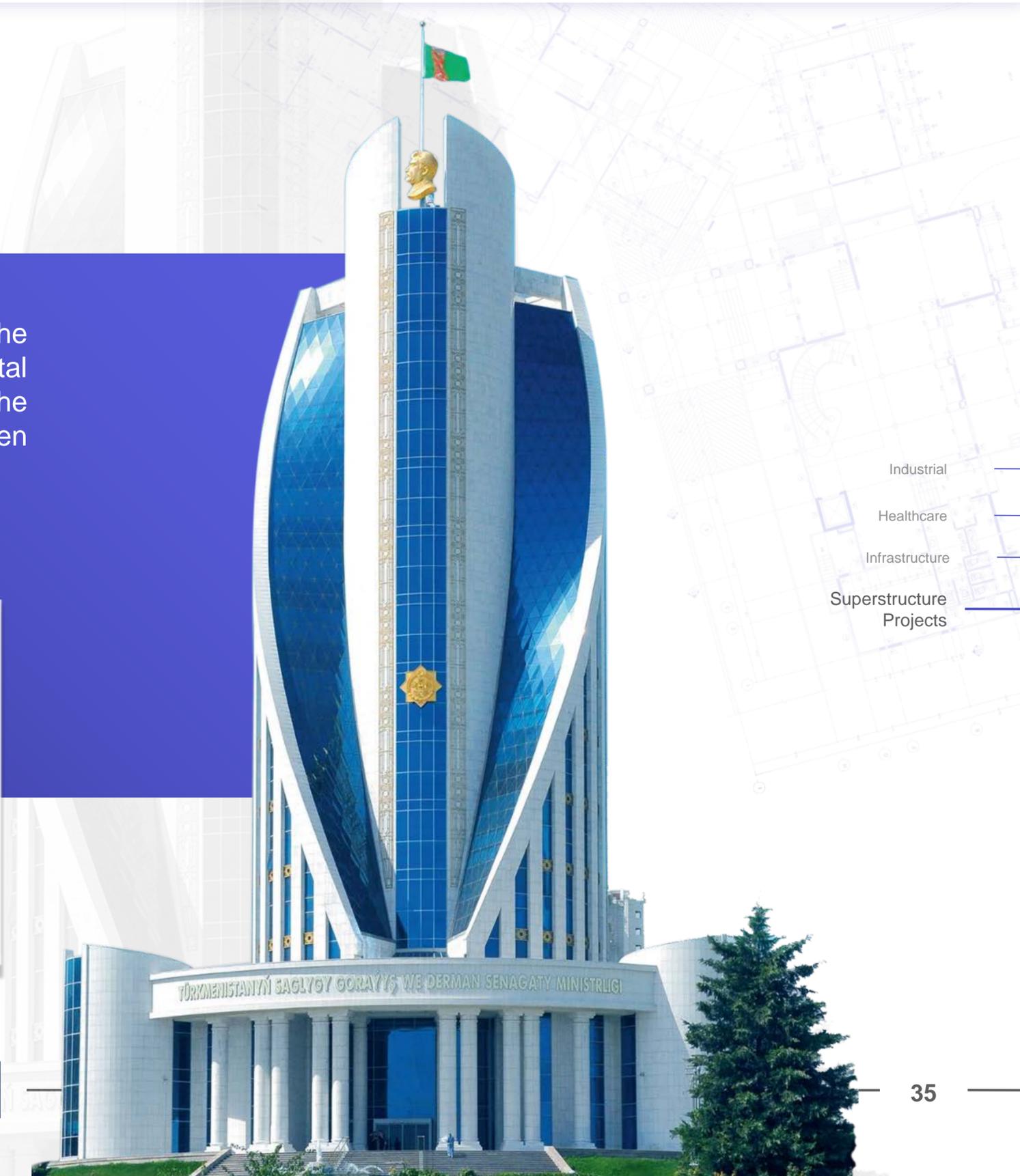
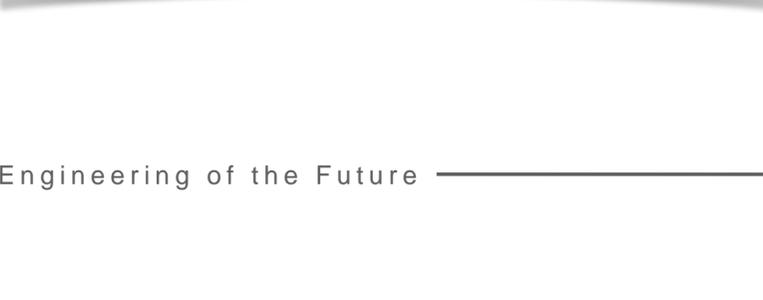
Zincirlikuyu Tower Project, located on Büyükdere Street, which is one of the most valuable locations of Istanbul, is constructed with 31 floors and 33 thousand square meter closed area with concrete-steel composite structure systems with the use of the latest technological systems.

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Turkmenistan Ministry of Health Building

The Turkmenistan Ministry of Health Building stands as one of the notable landmarks in the capital city of Turkmenistan. This impressive structure was constructed with a total investment of \$12 million and is distinguished by its unique cobra-shaped design. The building has received recognition for its exceptional architectural form, having been awarded a design award.



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Turkmenistan Ministry of Energy Building



The Turkmenistan Ministry of Energy Building boasts modern architectural lines and utilizes cutting-edge technology in its construction. It is considered a prestigious public building in Turkmenistan and houses abundant energy resources.



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Turkmenistan Civilization Complex

The Turkmenistan Civilization Complex, spanning roughly 95,000 square meters, is home to a library, concert hall, and museum. Its eye-catching dome-shaped architecture is a standout feature, and it operates under the jurisdiction of the Turkmenistan Ministry of Culture.



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Qatar Special Forces Integrated Training Center

Qatar Military Training Facility is a project that Live Shooting and Simulation Shooting Systems can be used together to create balance for Qatar Special Military Forces. The project consists of 11 Administrative Buildings, 9 Military Buildings, 9 Renovation Buildings, Perimeter Wall, and Infrastructure Works.

Within the scope of the project, the installation of Hardware and Software of Advanced Military Education Technologies, Virtual Reality Technologies and Communication Technologies are completed to serve the Qatar Special Forces.

In the project, where the state of art technologies of used for training, ready-to-use solutions will be implemented for situations that can be encountered with virtual reality systems (such as Medical Training, Live Shooting, Recruit Training and Military Training Scenarios).



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GAP CONSTRUCTION carries out all its activities per national and international standards.



STANDARDS, CERTIFICATES

- ISO 9001:2015 Quality Management Systems
- ISO 14001:2015 Environmental Management Systems
- ISO 45001:2018 Occupational Health & Safety Management Systems
- TSE COVID-19 Secure Service Certificate
- LEED BD+C (Building Design + Construction) Gold Certificate



TOTAL MANxHOUR w/o fatalities

2020
5.045.489

2021
6.093.617

2022
8.805.088

GAP İNŞAAT

Thank you