

NEOS ENERJİ

SOLUTIONS PORTFOLIO

NEOS ENERJİ

About NEOS

NEOS Group Inc. is a global consultancy and engineering holding company, headquartered in Los Angeles, USA, with a track record across **50+ countries** and **five continents**. The Group brings together two specialized entities:

NEOS ADVISORY

— Provides **strategic, regulatory, ICT, and financial consulting**, helping governments, regulators, and investors shape policy, markets, and investment frameworks.

NEOS ENERJI

— Delivers integrated **engineering** and **general contracting solutions** covering engineering, manufacturing, equipment supply, construction, and commissioning to support the development and operation of modern oil & gas, energy and industrial infrastructure.

Together, we combine strategic insight with technical depth, ensuring end-to-end expertise for clients in the **energy, oil & gas, water, utilities, and infrastructure sectors.** worldwide.



NEOS Enerji

NEOS Enerji is an **engineering**, **EPC,** and **general contracting company** specializing in oil & gas, energy infrastructure, delivering integrated solutions across the entire project life cycle, from concept and feasibility to engineering, manufacturing, equipment supply, construction, and operation.

By combining advanced engineering expertise with manufacturing capabilities and a global supply network, NEOS delivers complex oil & gas, power generation, and T&D projects efficiently and reliably worldwide.

Through NEOS's integrated capabilities, our Clients benefit from:

— Strong technical leadership and experienced project teams

— High quality manufacturing, and equipment solutions

— Visionary and forward-looking perspective

— Efficient delivery with best value and performance



Global Footprint



- **United States**
- Brazil
- Canada
- Colombia
- Guatemala
- Haiti
- Mexico

- **Türkiye**
- **UAE**
- **Iraq**
- Albania
- Belgium
- Czech Rep.
- Denmark
- France
- Kosovo
- Moldova
- Netherlands
- N. Macedonia
- Romania
- Serbia
- Switzerland
- Ukraine
- United Kingdom

- Burkina Faso
- Egypt
- Kenya
- Liberia
- Malawi
- Morocco
- Nigeria
- South Africa
- Tunisia
- Uganda

- Afghanistan
- Armenia
- Azerbaijan
- Georgia
- India
- Indonesia
- Japan
- Kazakhstan
- Kyrgyzstan
- Marshall Islands
- Oman
- Pakistan
- Papua New Guinea
- Saudi Arabia
- Sri Lanka
- Uzbekistan

NEOS Offices

Geographic Experiences

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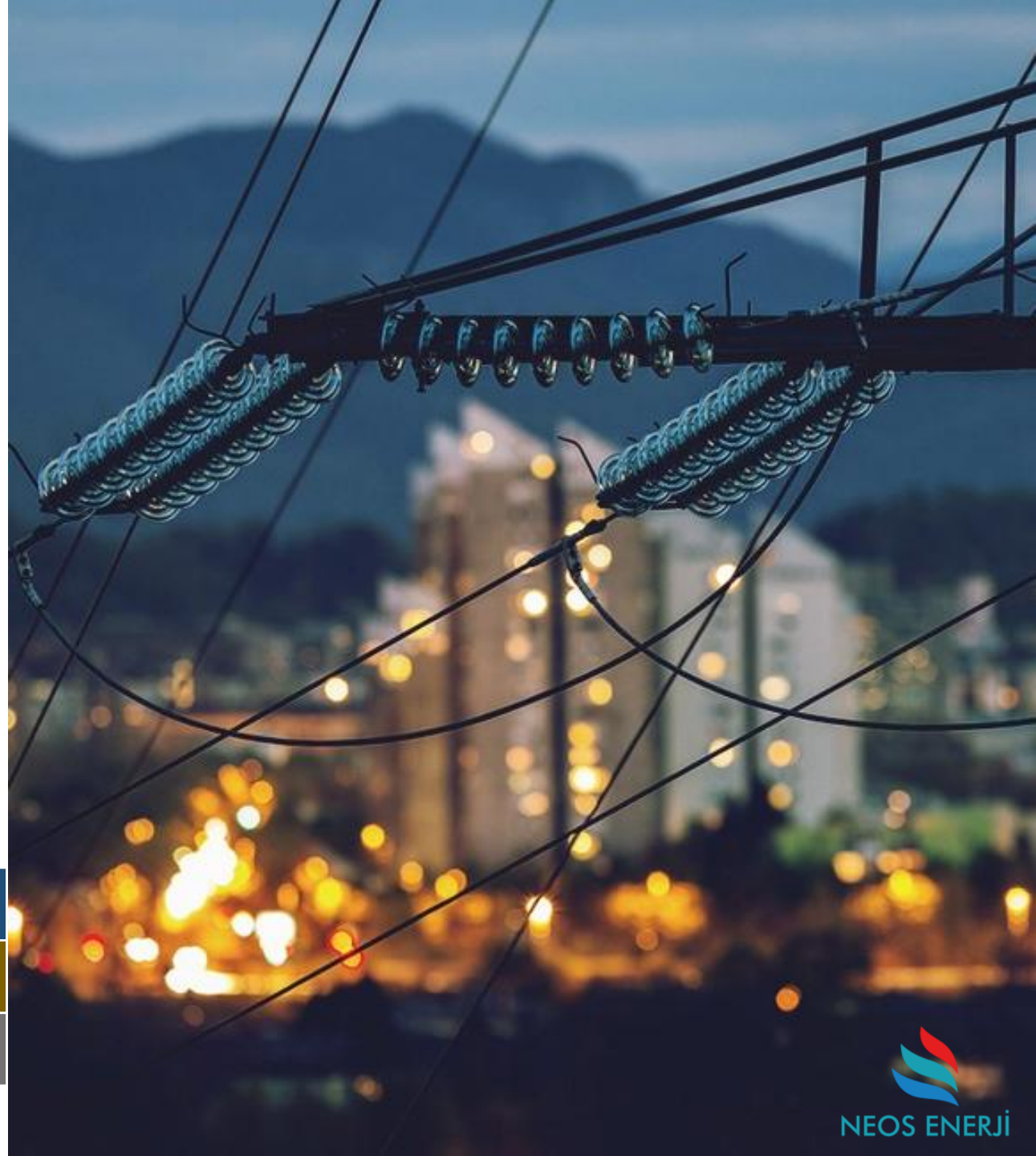
Why NEOS?



ISO 9001:2015

ISO 14001:2015

ISO 45001:2018





Our Values

We are defined and driven forward by our core beliefs

Innovation

We always look for beyond the conventional, pushing limits to create a value and to make an impact. Making brave decisions and supporting each other are for what we believe in.

Curiosity

We have niche competencies and we are passionate about making an impact by sharing our expertise. Expanding our knowledge to make a difference, we are motivated by our curiosity to grow and learn more.

Synergy

We put people at the heart of our business and embrace all perspectives, collaborating across borders to make a positive impact. Supporting and bringing out the best in each other shows our belief in the power of differences.

Our Strategy

GROWTH

International expansion into leading positions

- Strengthening presence in core markets
- Targeted growth in selected niches
- Participation in global investment projects

VALUE CREATION

Business model shift to deliver higher value

- Increasing share of projects and solutions
- Leveraging cross-NEOS capabilities to meet global drivers
- Developing new concepts and tailored offerings
- Optimizing professional services

OPERATIONS

Driving operational excellence

- Simplified and agile organization
- Smart financial steering
- Optimized pricing and sourcing
- Strong ethical standards

PEOPLE

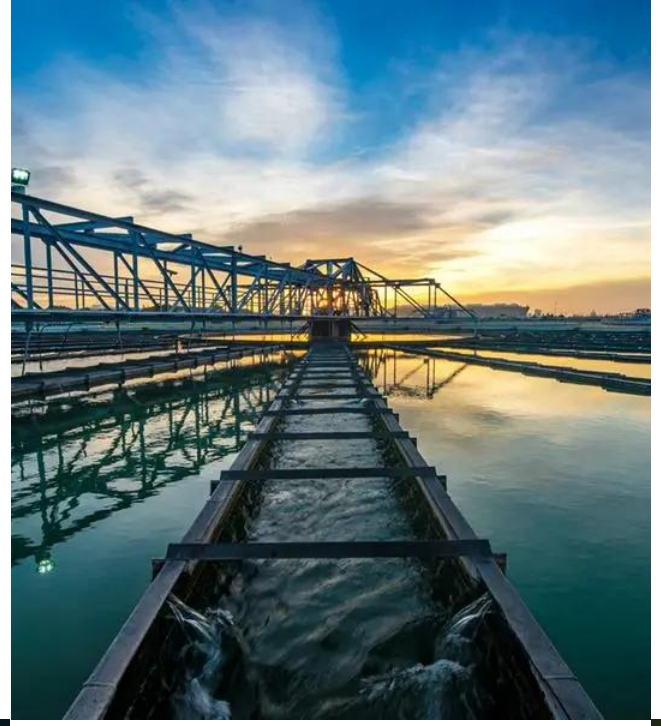
Best in class people practices

- Leadership and talent development
- Engagement and continuous growth
- Strong employer brand
- Effective recruitment and onboarding
- Commitment to diversity and inclusion

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ENERGY & WATER SECURITY

- Security of Supply
- Market Development
- Sector Governance & Utility Regulation
- Critical Infrastructure Resilience
- Crisis Management



UTILITY MODERNIZATION

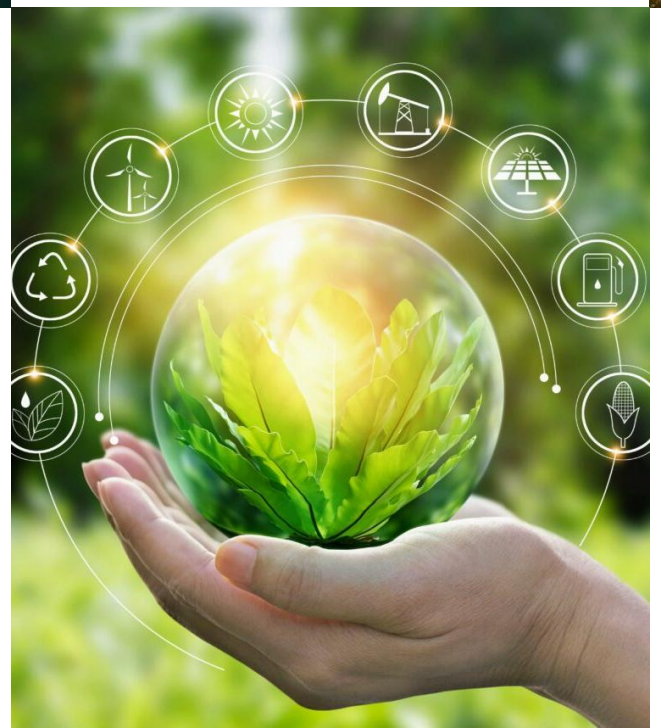
- Performance Improvement & Turnaround
- Digital Transformation
- Information & Cybersecurity
- Resilience & Business Continuity
- Due Diligence & Transactions





CAPITAL & INFRASTRUCTURE ADVISORY

- End-to-End Project Delivery
- Project Development
- PMO Setup and Capacity Building
- Digital Tools & Smart Infrastructure Integration
- Public-Private Partnerships (PPP) & Privatization



SUSTAINABILITY

- Future Ready Communities
- Renewables & Decarbonization
- Circular Ecosystems
- Smart Grids, Energy Storage & Efficiency
- Waste Management

NEOS ADVISORY

Core Domains



EPC & PROJECT DELIVERY



MAINTENANCE & SERVICE SOLUTIONS



INDUSTRIAL & PROCESS SOLUTIONS



GLOBAL TECHNOLOGY & EQUIPMENT SUPPLY

NEOS ENERJİ

Major Clients





























































EPC & PROJECT DELIVERY

- Transmission & Distribution Lines (HV/MV/LV)
- Substations (AIS/GIS)
- Mobile Substations & Transformers
- E-House Solutions
- Solar Power Plants
- Pump Stations

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EPC & PROJECT DELIVERY

Transmission & Distribution Lines

Engineering, procurement and construction of overhead and underground transmission and distribution networks, delivering reliable power evacuation, grid expansion and interconnection solutions.

Core Capabilities

— Route selection, surveying & right-of-way optimization

— Overhead line engineering (lattice towers, monopoles, compact lines)

— Underground cable systems (XLPE, EHV/HV/MV)

— Conductor selection & ampacity optimization

— Tower & pole structural design (wind, seismic & load compliance)

— Foundation design & geotechnical assessment

— Stringing, erection & mechanical installation

— Protection coordination & grid interconnection studies

— Testing, commissioning & grid synchronization



EPC & PROJECT DELIVERY

Substations (AIS/GIS)

Turnkey engineering, procurement and construction of air-insulated (AIS) and gas-insulated (GIS) substations across HV and MV levels, enabling reliable power transmission, distribution and interconnection.

Core Capabilities

— Conceptual, basic & detailed substation design

— Load flow, short-circuit & protection coordination studies

— AIS & GIS switchyard engineering

— Power transformer integration & auxiliary systems

— Protection, control & IEC 61850-based automation systems

— SCADA & digital substation architecture

— Civil works, foundations & structural steel design

— Grounding, lightning protection & safety systems

— Testing, commissioning & grid code compliance



EPC & PROJECT DELIVERY

Mobile Substations & Transformers

Engineering, supply and turnkey deployment of mobile and modular substation systems designed for emergency response, grid reinforcement and fast-track infrastructure projects.

Core Capabilities

— Trailer- or skid-mounted HV/MV substation solutions

— Integrated power transformers, GIS/AIS switchgear & protection systems

— Plug-and-play control, protection & SCADA integration

— Factory-tested, pre-assembled modular configurations

— IEC-compliant design up to HV voltage levels

— Rapid mobilization & on-site commissioning

— Grid code compliant interconnection & protection coordination

— Temporary, semi-permanent or permanent deployment options



EPC & PROJECT DELIVERY

E-House Solutions

Engineering, supply and turnkey delivery of prefabricated electrical buildings integrating medium- and low-voltage systems, protection, automation and control, enabling rapid deployment and reduced site execution risk.

Core Capabilities

— Fully integrated MV/LV switchgear & MCC systems

— Protection, control & IEC 61850-based automation architecture

— SCADA, DCS & communication system integration

— HVAC, fire detection & suppression systems

— Arc-flash mitigation & safety-compliant design

— Factory assembly, wiring & pre-commissioning (FAT-tested)

— Transportable modular steel structures

— Site installation, testing & commissioning



EPC & PROJECT DELIVERY

Solar Power Plants

Turnkey development and EPC delivery of grid-connected solar PV plants and hybrid energy systems, engineered for performance optimization and long-term operational reliability.

Core Capabilities

— Site assessment, yield analysis & resource optimization

— Conceptual, basic & detailed plant engineering

— DC/AC system design & inverter integration

— Tracker & fixed-tilt mounting systems

— MV collection systems & grid interconnection facilities

— Substation & transmission integration

— BESS integration & hybrid plant configuration

— SCADA, monitoring & performance analytics systems

— Testing, commissioning & grid code compliance





MAINTENANCE & SERVICE SOLUTIONS

- Rotating Equipment Services
- Static Equipment Services
- Valve Maintenance & Testing Services
- Predictive & Condition-Based Maintenance
- Electrical & Automation Services
- Insulation, Scaffolding & Surface Treatment

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MAINTENANCE & SERVICE SOLUTIONS

Rotating Equipment Services

Comprehensive inspection, maintenance and rehabilitation services for critical rotating equipment, ensuring operational continuity, efficiency enhancement and lifecycle extension across power and industrial assets.

Technical Capabilities

— Condition assessment & root cause failure analysis (RCFA)

— Vibration analysis, thermography & advanced diagnostics

— Laser alignment & precision balancing

— Turbine, pump & compressor overhauls

— Bearing, seal & lubrication system refurbishment

— Performance testing & efficiency optimization

— Predictive & preventive maintenance programs

— On-site and workshop-based rehabilitation services

Equipment Coverage

Steam & gas turbines, Generators, API pumps & compressors, Fans, blowers & auxiliary rotating systems, etc.



MAINTENANCE & SERVICE SOLUTIONS

Static Equipment Services

Comprehensive inspection, maintenance, assessment and rehabilitation services for static and pressure-containing equipment, ensuring structural integrity, regulatory compliance and extended operational life.

Technical Capabilities

— Risk-Based Inspection (RBI) implementation
— Fitness-for-Service (FFS) assessments (API 579)
— Non-Destructive Testing (UT, RT, MT, PT, PMI)
— Corrosion monitoring & remaining life assessment
— Thickness measurement & metallurgical analysis
— Pressure vessel & heat exchanger inspection
— Boiler & HRSG integrity assessment
— Tank inspection in accordance with API 653
— On-site shutdown & turnaround support

Equipment Coverage

Pressure vessels & separators, Heat exchangers & condensers, Boilers & HRSG systems, Storage tanks & piping systems etc.



MAINTENANCE & SERVICE SOLUTIONS

Valve Maintenance & Testing Services

Comprehensive inspection, maintenance, refurbishment and certification services for industrial valve systems, ensuring operational safety, leak-tight performance and regulatory compliance across power and process facilities.

Technical Capabilities

— In-situ and workshop-based valve inspection & overhaul

— Pressure safety valve (PSV) testing & certification

— Hydrostatic, pneumatic & seat leakage testing

— API-compliant repair and recertification procedures

— Actuator diagnostics (electric, pneumatic & hydraulic)Control valve calibration & performance tuning

— Lapping, machining & sealing surface restoration

— On-site shutdown & turnaround support

Equipment Coverage

Gate, globe, check & ball valves, Butterfly & control valves, Safety relief & pressure relief valves, High-pressure & high-temperature service valves, etc.



MAINTENANCE & SERVICE SOLUTIONS

Predictive & Condition-Based Maintenance

Advanced monitoring and analytics-driven maintenance strategies designed to anticipate failures, optimize intervention planning and maximize asset availability across power and industrial facilities.

Technical Capabilities

- Online & offline condition monitoring systems
- Vibration analysis & rotating equipment diagnostics
- Infrared thermography & electrical system monitoring
- Oil analysis & lubrication condition assessment
- Partial discharge & insulation health diagnostics
- Transformer DGA & asset health indexing
- Digital asset performance dashboards & KPI tracking
- Remaining Useful Life (RUL) modeling & failure forecasting

Value Proposition

Reduced unplanned outages, Extended equipment lifecycle, Optimized maintenance expenditure (OPEX), Improved reliability indices & operational efficiency.



MAINTENANCE & SERVICE SOLUTIONS

Electrical & Automation Services

Comprehensive maintenance, testing and modernization services for electrical and automation systems, ensuring operational continuity, system protection and digital performance enhancement across power and industrial facilities.

Technical Capabilities

- MV/HV switchgear inspection, testing & refurbishment
- Transformer diagnostics & condition assessment
- Protection relay testing & coordination studies
- Substation automation & IEC 61850 system validation
- SCADA & DCS maintenance, upgrades & migration
- PLC programming, troubleshooting & system integration
- Cable testing (VLF, hipot, sheath testing)
- Arc-flash studies & electrical safety compliance
- Commissioning & re-commissioning services

Application Areas

Power generation plants, Transmission & distribution substations, Industrial process facilities, Renewable energy installations etc.



MAINTENANCE & SERVICE SOLUTIONS

Insulation, Scaffolding & Surface Treatment

Integrated insulation, access and surface protection services supporting maintenance, shutdown and capital project execution, ensuring thermal efficiency, asset preservation and safe site operations.

Technical Capabilities

- Thermal & acoustic insulation systems (hot & cold service)
- Removable insulation jackets for maintenance-intensive equipment
- Refractory lining installation & repair
- Industrial scaffolding design & certified erection
- Surface preparation (abrasive blasting & mechanical cleaning)
- Anti-corrosion coating & high-performance painting systems
- Fireproofing & passive fire protection applications
- Shutdown & turnaround support services

Application Areas

Power generation facilities, Refineries & petrochemical complexes, Cement & heavy industrial plants, Renewable and hybrid energy installations etc.





INDUSTRIAL & PROCESS SOLUTIONS

- Exhaust & Stack Systems
- Flue Gas Systems
  - HRSG Components
  - Dampers
  - Silencers
  - Expansion Joints
- Heat Exchangers
- Pressure Vessels
- Boilers
- Tank Farm & Storage Systems
- Piping & Mechanical Systems
- Balance of Plant Equipment

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INDUSTRIAL & PROCESS SOLUTIONS

Exhaust & Stack Systems

Design, fabrication and supply of high-performance exhaust stack systems for gas turbines and engine-based power plants, optimized for efficiency, durability and code compliance.

Core Capabilities

— Basic & detailed engineering per ISO 21905, ASME STS-1, EN 13084

— Aerodynamic design ensuring low pressure drop & controlled backpressure

— Advanced CFD, thermo-mechanical & structural analysis

— Seismic, wind & dynamic load compliance3D/BIM-integrated design & modular configurations

— Fatigue, vibration & acoustic performance assessment

— Internal or external insulation systems

— Corrosion-resistant materials & lifecycle-focused engineering

— Fabrication, surface protection & site integration support



INDUSTRIAL & PROCESS SOLUTIONS

Flue Gas Systems - HRSG Components

Design, fabrication and supply of high-performance HRSG and flue gas system components, optimized for thermal efficiency, structural integrity and accelerated project execution.

Engineering Capabilities

— Plant-specific, performance-driven design

— Advanced 3D modeling & digital engineering integration

— CFD-based flow optimization & thermo-mechanical stress analysis

— Structural and dynamic load assessment

— Fast-track manufacturing & delivery execution

— Quality-controlled fabrication aligned with international standards

Product Portfolio

— Inlet ducts, transition pieces & casing systems

— HRSG internals (baffles, liners, modules)

— Structural steel & support systems



INDUSTRIAL & PROCESS SOLUTIONS

Flue Gas Systems - Dampers

Design, fabrication and supply of heavy-duty damper systems for precise control and isolation of flue gas and air streams in power plants, cement facilities, refineries and process industries.

Engineering Capabilities

— Electrical or pneumatic actuation systems

— On-off and modulating configurations

— High-temperature and corrosive environment suitability

— Low leakage, tight shut-off performance

— Structural and thermal stress verification

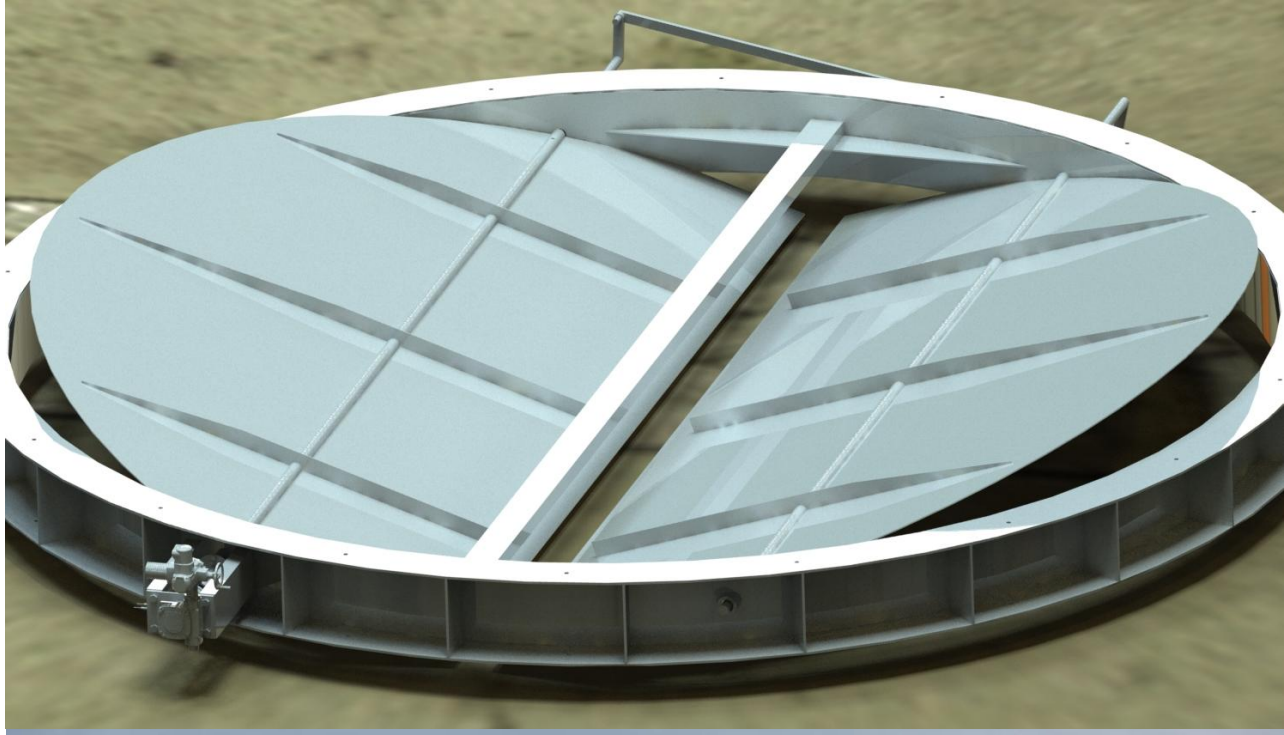
— Fast-track fabrication & site-ready delivery

Product Portfolio

— Diverter dampers for combined cycle applications

— Stack isolation dampers

— Butterfly, louver and guillotine dampers





INDUSTRIAL & PROCESS SOLUTIONS

Flue Gas Systems - Acoustic Silencers

Design, fabrication and supply of high-performance acoustic silencer systems for gas turbines, reciprocating engines, HRSGs, exhaust stacks and steam applications, ensuring regulatory compliance and operational efficiency.

Engineering Capabilities

— Optimized low pressure drop performance

— High-efficiency broadband noise attenuation

— Acoustic modeling & CFD-based flow analysis

— Thermal, structural & vibration verification

— Heavy-duty fabrication for high-temperature service

Product Portfolio

— Baffle-type silencers

— Vent silencers



INDUSTRIAL & PROCESS SOLUTIONS

Flue Gas Systems - Expansion Joints

Design, fabrication and supply of advanced expansion joint systems for hot flue gas ducting in power generation and heavy process industries, ensuring structural protection, operational reliability and long-term durability.

Core Capabilities

— Fabric, metallic and elastomeric expansion joint systems

— Custom-engineered designs for plant-specific load cases

— Compensation of axial, lateral and angular movements

— High-temperature and corrosive environment resistance

— Structural verification & movement analysis

— ESA-certified products with lifecycle-focused material selection

— Heavy-duty construction for harsh industrial conditions





INDUSTRIAL & PROCESS SOLUTIONS

Heat Exchangers

Design, fabrication, and supply of shell-and-tube heat exchangers in accordance with **API 660** and **ASME Section VIII Div. 1**, delivering reliable thermal performance across demanding operating environments.

Engineering & Technical Scope

— Basic and detailed thermal & mechanical design

— Shell-and-tube configurations for high-pressure service

— Re-tubing, refurbishment and performance upgrades

— Advanced material selection for corrosion & temperature resistance (Carbon/stainless steel, Cu-Ni alloys, Hastelloy, Inconel, Titanium)

— Structural verification and code-compliant fabrication

Primary Applications

— Refineries & petrochemical facilities

— Power generation (conventional & combined cycle)

— Pulp & paper and heavy process industries



INDUSTRIAL & PROCESS SOLUTIONS

Pressure Vessels

Design, fabrication, and supply of pressure vessels in accordance with **ASME Boiler & Pressure Vessel Code Section VIII**, delivering safe and reliable performance across high-pressure and high-temperature applications.

Engineering & Compliance Scope

— Basic and detailed design

— PED-certified equipment for European markets

— Advanced material selection for corrosive & high-temperature service

— Structural verification & stress analysis

— Quality-controlled manufacturing and inspection (NDT)

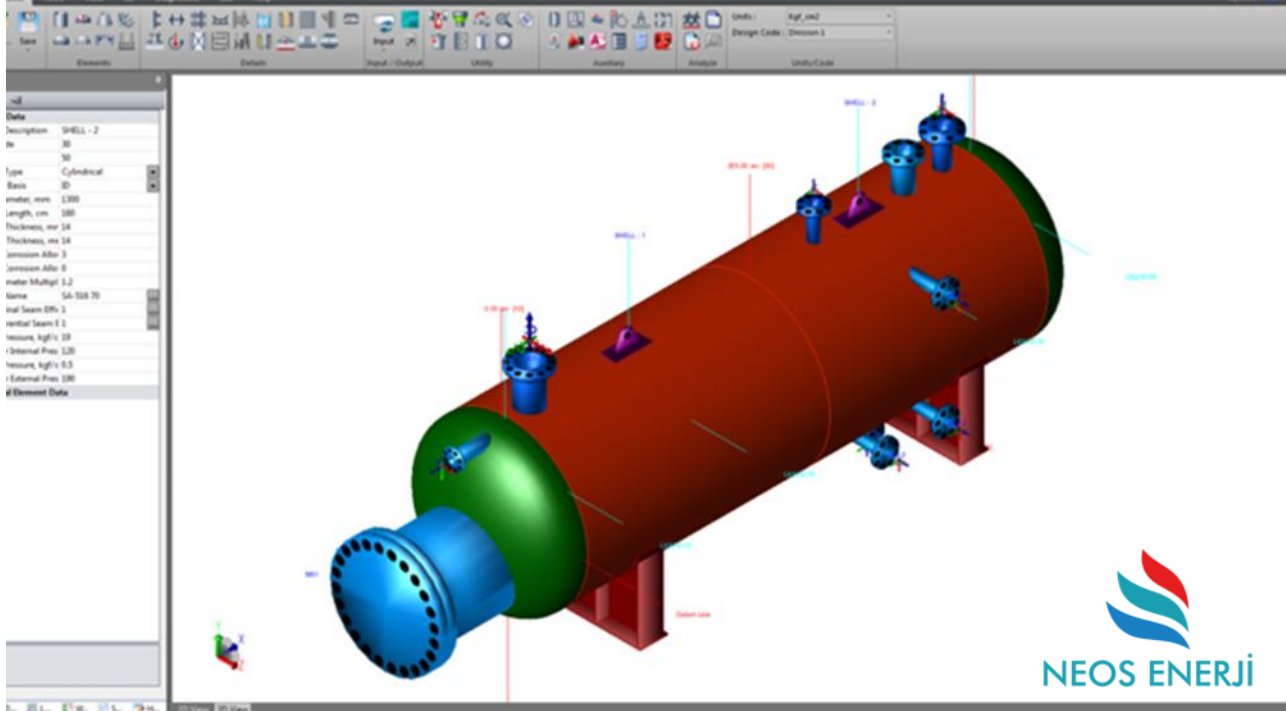
Primary Applications

— Chemical & petrochemical production

— Power generation facilities

— Pulp & paper industries and food processing plants





Boilers

Design, fabrication, and supply of fire-tube and waste heat boilers in accordance with **ASME Boiler & Pressure Vessel Code Section IV** and **EN 12953-1**, delivering safe, efficient and reliable steam generation across industrial applications.

Engineering & Compliance Scope

— Basic and detailed design

— Industrial fire-tube boiler systems

— Waste heat recovery boilers (WHB)

— Performance optimization for fuel efficiency & emissions compliance

— Retrofit, upgrade and lifecycle support services

Primary Applications

— Chemical & petrochemical production

— Power generation facilities

— Pulp & paper industries and food processing plants



INDUSTRIAL & PROCESS SOLUTIONS

Tank Farm & Storage Systems

Design, fabrication, and supply of complete tank farm and bulk storage systems in compliance with international standards, delivering operational safety, environmental protection and long-term asset integrity.

Engineering & Technical Scope

— Full tank farm master planning & layout engineering

— Storage tank design in accordance with API 650

— Tank farm systems aligned with API standards

— Fixed cone, dome and floating roof configurations

— Site-erected and shop-fabricated solutions

— Structural, foundation & settlement analysis

— Corrosion protection & coating systems

— Integration with piping, pumping & fire protection systems





INDUSTRIAL & PROCESS SOLUTIONS

Piping & Mechanical Systems

Comprehensive engineering, fabrication and supply of process piping and mechanical systems for power generation and heavy industrial facilities, ensuring code compliance, operational reliability and lifecycle performance.

Engineering & Technical Scope

— Process and utility piping design in accordance with ASME B31.1/B31.3

— 3D modeling, routing optimization & constructability reviews

— Pipe stress analysis & flexibility assessment

— Material selection for high-temperature, high-pressure and corrosive service

— Prefabrication, modularization & site installation

— Welding procedures & NDT in line with international standards

— Mechanical equipment installation & alignment

— Integration with structural, electrical & instrumentation systems



INDUSTRIAL & PROCESS SOLUTIONS

Balance of Plant Equipment

Engineering, procurement and integration of Balance of Plant systems supporting core generation and process assets, ensuring safe, efficient and uninterrupted plant operations.

Engineering & Technical Scope

— Mechanical and electrical auxiliary systems design

— Cooling water, service water & closed-loop systems

— Fuel handling, storage & transfer systems

— Compressed air & utility systems

— Water treatment & chemical dosing systems

— Fire protection & safety systems integration

— Pumps, fans, blowers & auxiliary rotating equipment

— Structural steel, platforms & access systems

— Integrated installation, commissioning & performance validation





PROJECT PORTFOLIO

REFERENCES

NEOS ENERJİ

EPC & Project Delivery



EPC & PROJECT DELIVERY - KARBALA OIL REFINERY PROJECT

Client: Ministry of Oil / Karbala Refinery Company

Year: Jun 2025 – Dec 2025

NEOS executed the EPC scope for upgrading the generator–transformer connection system of a 50 MVA unit, including decommissioning of the existing system, design improvements, equipment supply, installation, testing, and commissioning of a new busduct solution in accordance with international standards.



EPC & PROJECT DELIVERY – ERBIL INTERNATIONAL AIRPORT PROJECT

Client: Erbil International Airport

Year: Feb 2024 – Jul 2024

NEOS executed the EPC scope for the engineering, supply, and installation of busbar systems in accordance with IEC standards and project specifications. The scope included busbar assemblies rated 3950 A and 1600 A, complete with all main and auxiliary components, followed by installation, testing, and commissioning to ensure reliable power distribution within the airport facility.



EPC & PROJECT DELIVERY – KRC SUBSTATION EXTENSION PROJECT

Client: Ministry of Oil / Karbala Refinery Company

Year: Mar 2024 – Jun 2024

NEOS executed the EPC scope for the extension of the existing substation, including engineering, supply, installation, and commissioning of additional electrical infrastructure. The scope included installation of primary and secondary equipment, busbar extensions, protection and control systems, and integration with the existing substation, followed by testing and successful commissioning.

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Maintenance & Service Solutions



MAINTENANCE SOLUTIONS – PREVENTIVE MAINTENANCE OF MV & LV POWER SYSTEM

Client: Erbil Department of IT

Year: May 2024 – Dec 2024

NEOS executed **preventive maintenance works** for MV and LV power system including supply of required spare parts and on-site service activities.

MAINTENANCE SOLUTIONS – PREVENTIVE MAINTENANCE OF LV ATS SYSTEM

Client: Divan Hotel / Erbil

Year: Jul 2025 - Jul 2025

NEOS executed **preventive maintenance works** including supply of required spare parts and on-site service activities. The scope included **ASCO 300 series contact assemblies supply, cleaning and testing of ATS panels, and on-site maintenance with functional verification**.

Industrial & Process Solutions



OWNER'S ENGINEERING SERVICES - KARBALA OIL REFINERY PROJECT

Client: Bezhan Refinery

Year: Jan 2025 – Mar 2025

NEOS provided engineering, design, manufacturing, and supply of **two pressure vessels** in accordance with ASME Sec. VIII Div. I and client specifications. The scope included material selection, PWHT application, fabrication, testing, and successful delivery to site.



DESIGN, MANUFACTURING, AND SUPPLY – FINNED TUBE AIR COOLERS

Client: Bezhan Refinery

Year: Aug 2025 – Nov 2025

NEOS provided design, fabrication, and supply of **two finned tube air coolers** in accordance with ASME Sec. VIII Div. I and project specifications. The equipment was custom-engineered, fabricated, and successfully delivered to support the project's operational requirements.



DESIGN, MANUFACTURING, AND SUPPLY – HEAT EXCHANGER

Client: Bezhan Refinery

Year: May 2024 – Dec 2024

NEOS provided design, manufacturing, and supply of **a custom heat exchanger** in accordance with ASME Sec. VIII Div. I and client specifications. The equipment was custom-engineered, fabricated, and successfully delivered to support the project's operational requirements.



DESIGN, MANUFACTURING, AND SUPPLY – AXIAL SILENCERS

Client: Ornitolink

Year: Jan 2024 – Feb 2024

NEOS delivered engineering, design, manufacturing, and supply of **two vertical axial silencers** for the Ornitolink facility. The silencers were designed to achieve 25 dB(A) noise reduction and manufactured using S235JR carbon steel to ensure reliable industrial performance.

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Industrial & Process Solutions



DESIGN, MANUFACTURING, AND SUPPLY – CARTRIDGE SILENCER

Client: Boet Stopson

Year: Feb 2022 – Apr 2022

NEOS delivered engineering, design, manufacturing, and supply of a **cartridge silencer** for industrial applications. The unit was designed for **850 °C operating temperature**, manufactured using **310S stainless steel**, and configured with a **circular cartridge-type design** to ensure effective noise attenuation and reliable performance.



DESIGN, MANUFACTURING, AND SUPPLY – STACK SILENCER

Client: Boet Stopson

Year: May 2022 – Aug 2022

NEOS delivered engineering, design, manufacturing, and supply of a **stack silencer** for industrial applications. The silencer was designed for **850 °C operating temperature**, manufactured using **310S stainless steel**, and configured with a **baffle-type design** to ensure effective noise attenuation and reliable performance..

Global Technology Supply



EQUIPMENT SUPPLY –
RECTIFIER SYSTEMS & ALCAD NI-CD BATTERIES

Client: Ministry of Oil / Karbala Refinery Company

Year: Dec 2023 – Feb 2024

NEOS supplied **25 units rectifier systems and 8 sets Alcad Ni-Cd battery sets** in compliance with project specifications and international standards. The scope included 110 VDC rectifiers and Ni-Cd battery systems, complete with accessories, interconnections, and factory acceptance testing prior to delivery.



MATERIAL SUPPLY –
STEAM TRACING MATERIALS

Client: Iraq Taqa

Year: Jan 2024 – May 2024

NEOS supplied a complete **steam tracing materials package** including SS304 seamless tubes, fittings, and connectors in accordance with project specifications. The scope included 20,000 meters of **stainless-steel tubing and accessories**, ensuring reliable process heating and operational performance for the facility.



MATERIAL SUPPLY –
TANK INSULATION MATERIALS

Client: Iraq Taqa

Year: Dec 2023 – Feb 2024

NEOS supplied tank insulation materials in accordance with project specifications and international standards for the Karbala facility. The scope included **Rockwool Blanket Type 700 insulation** (12,255 m²) and **aluminum trapezoidal sheets** (13,362 m²), ensuring reliable thermal insulation and protection for storage tanks.



EQUIPMENT SUPPLY –
FUJI DC CB SWITCHES

Client: Ministry of Electricity

Year: Jan 2024 – Feb 2024

NEOS supplied **Fuji brand DC circuit breaker switches** (Japan) for the MoE in compliance with international standards and project specifications. The scope included supply of 125 VDC switches (550 units), with quality control and testing conducted prior to delivery.

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Global Technology Supply



EQUIPMENT SUPPLY – DISTRIBUTION TRANSFORMERS

Client: PCUE

Year: Aug 2025 – Nov 2025

NEOS supplied **5 distribution transformers** in compliance with project specifications and international standards. The scope included 1000 kVA 33/0.4 kV distribution transformers, with routine tested as per IEC60076 and delivered to site.



EQUIPMENT SUPPLY – NEUTRAL GROUNDING RESISTORS

Client: Ministry of Electricity

Year: Jul 2024 – Sep 2024

NEOS supplied **16 sets of neutral grounding resistors (NGRs)** in compliance with IEC standards and project requirements. The scope included 11/√3 kV, 300 A units, with fabrication, testing, quality control, and documentation completed prior to delivery.



EQUIPMENT SUPPLY – DRÄGER GAS DETECTION SYSTEMS

Client: Basra Oil Company

Year: Mar 2024 – May 2024

NEOS supplied **10 sets of Dräger X-am 8000 portable gas detection systems**, including sensors and accessories, in compliance with international safety standards. The scope included multi-gas sensors and calibration, ensuring reliable gas monitoring and safe operation for field applications.



EQUIPMENT SUPPLY – NEUTRAL GROUNDING REACTORS

Client: Ministry of Electricity

Year: Apr 2024 – Jun 2024

NEOS supplied **10 sets of neutral grounding reactors** in compliance with IEC standards and project specifications. The reactors were rated 33/√3 kV, 1000 A, 10 s, 50 Hz, complete with hot-dip galvanized steel mounting frames, and were factory tested prior to delivery.

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