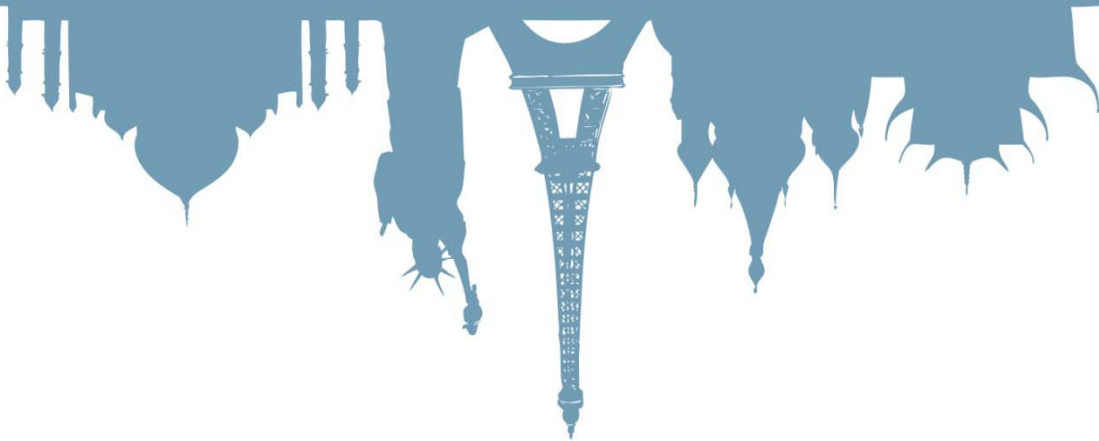




HEURTEY PETROCHEM



PARIS / NEW YORK / HOUSTON / TULSA / LOS ANGELES / BUCHAREST
BUZAU / SAINT PETERSBURG / DAMMAM / JOHANNESBURG / SEOUL / MUMBAI

- Founded in 1953, Heurtey Petrochem is an **international oil and gas engineering Group**
- Listed in the **Paris stock exchange market** Alternext of Euronext, **IFP Energies Nouvelles** as reference shareholder
- The Group operates within two market segments:
 - 🔥 **Downstream - Process furnaces** for refining, petrochemicals and hydrogen production, an area in which Heurtey Petrochem is a world leader.
 - 🔥 **Upstream - Natural-gas treatment**, through its subsidiary Prosernat. In this field, the Group is active as a technology provider and EPC (Engineering, Procurement & Construction) player.
- Heurtey Petrochem develops its business through an **extensive network** :
 - 🏢 Headquarters in France
 - 🏢 Subsidiaries in South Africa, Saudi Arabia, Korea, United States, India, Malaysia, Romania and Russia, specialized in engineering, fabrication and project management

International network



DOWNSTREAM

Refining

It is the Group's main sector of activity, reflecting Heurtey Petrochem's experience of more than 60 years in this segment. Heurtey Petrochem provides a comprehensive range of refining furnaces for all hydrocarbon treatment and conversion units.

Petrochemicals

Heurtey Petrochem, which has built up extensive expertise in this area, has its own design tools, and collaborates with the best licensors as part of major projects. The Group offers a wide range of furnaces for ethylene and aromatics production units.

Hydrogen

Heurtey Petrochem has, for several years, been working in cooperation with some of the largest licensors for steam-reforming technologies.

Steam-generation systems

The Group is also active in the area of waste-heat recovery units, with integration of an additional stage in the steam-generation process, notably for CO Boilers and for convection sections downstream from Steam Methane Reforming furnaces.



UPSTREAM

Gas Processing

Prosernat provides technologies and facilities for field treatment of natural gas in the following areas: Phase separation, Gas sweetening, Gas dehydration, Sulfur plants, NGL recovery, Modular units, Gas compression and CO₂ Capture.



ENVIRONMENT

P2R

Heurtey Petrochem has developed a new process for recycling petroleum residue from ships - the P2R (Petroleum Residue Recycling) process. This solution enables subsequent use of lighter residues as ship fuel, while heavier residues are used as industrial fuel in cement works, bitumen production, etc.

The P2R unit provides ports, industry and ship owners with an economical, environmentally-friendly solution, thereby helping reduce the risk of marine pollution, in line with the Marpol Convention.

Emissions reduction

The equipment designed and fabricated by Heurtey Petrochem complies fully with environmental standards, with particular focus on reduction of NO_x and CO emissions and limiting unwanted noise.



EXPERTISE AND RESOURCES

Technologies

Thanks to its own patents and design tools, and to excellent relationships with reputable licensors, Heurtey Petrochem can cover the full range of furnace technologies for refineries and petrochemical complexes worldwide.

The Group is very active in Research and Development, a field in which it cooperates closely with IFP Energies Nouvelles. Key areas for cooperation include:

- Optimization of furnaces for new and existing processes,
- Furnace modification for oxycombustion with a view to carbon capture,
- Hydrogen production.

Engineering and project management

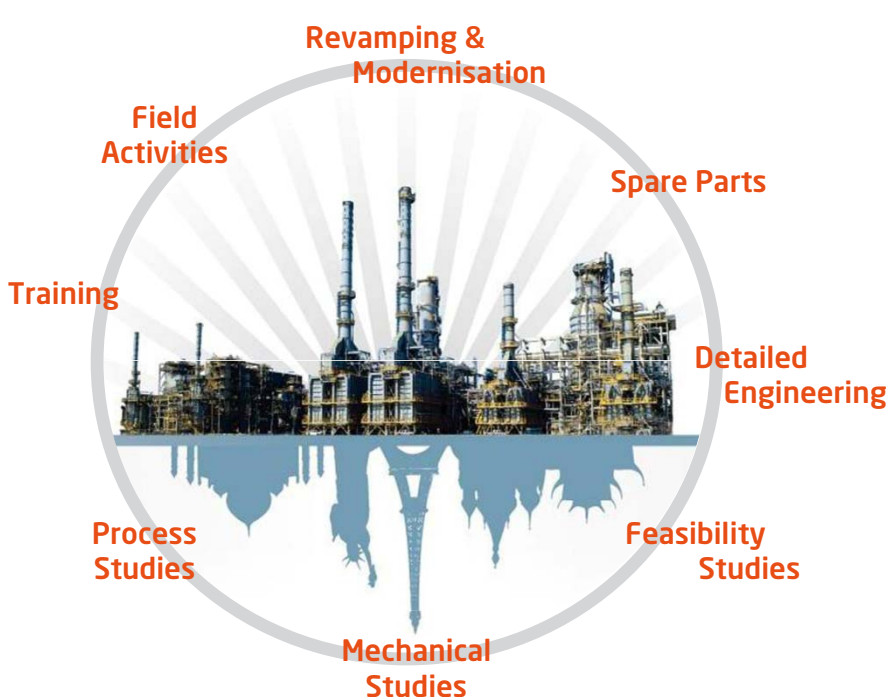
Heurtey Petrochem has the full range of process engineering, mechanical design, detailed engineering, procurement management, fabrication and construction-supervision resources required for conducting projects.

Basic project engineering is performed mainly at the Group head office in France, or in the United States. The detailed engineering, procurement and construction phases of project implementation are optimized thanks to the expertise available in the relevant subsidiaries.

Fabrication and modularization

In Romania, Heurtey Petrochem has its own manufacturing workshop (Beta Heurtey). With a monthly production capacity of 250 tons, Beta Heurtey enables the Group to control each step in the furnace-fabrication process in terms of quality, costs and deadlines.

Its extensive network of partners and its Petro-Chem Zamil joint venture in Saudi Arabia also enable the Group to offer a wide range of fabrication solutions worldwide.



Heurtey Petrochem also provides a complete range of services, from detailed engineering to turnkey supply.



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