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Updated May 2026



Repsol

Engineering Division

Repsol today

Repsol is a global multienergy company. We were the first in our sector to sign the Kyoto protocol and announce our commitment to achieving net zero emissions by 2050



24,000 employees

+3 million power and gas customers

+90 countries where we sell our products

24 million customers

Company assets in +20 countries



Service stations

4,400 in Spain, Portugal, Peru, and Mexico

+1,600 service stations across the Iberian Peninsula offering renewable fuels

11 million digital customers, the majority Waylet customers

EV charging

3,600 charging points installed in Spain and Portugal

Autogas

+400 supply points at service stations

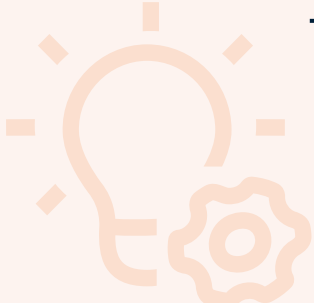
Customer

Innovation and technology

+1,300 digitalization initiatives

Repsol Tech Lab

+250 research partnerships around the world







Exploration and Production

~548,000 boe/d average production

10 countries Projects in key geographical areas



Low-Carbon Generation

Projects in Spain and the United States

Installed renewable capacity* in operation in 2025

5.9 GW*

* Includes wind, solar, and hydroelectric power. Installed capacity does not take into account adjustments for asset turnover and/or deconsolidation.



Industrial

7 industrial complexes in Spain, Portugal, and Peru

50% of refining capacity of the Iberian Peninsula

New advanced biofuels plants in Cartagena and Puertollano and synthetic fuels plant in Bilbao

Renewable fuel capacity in 2025*

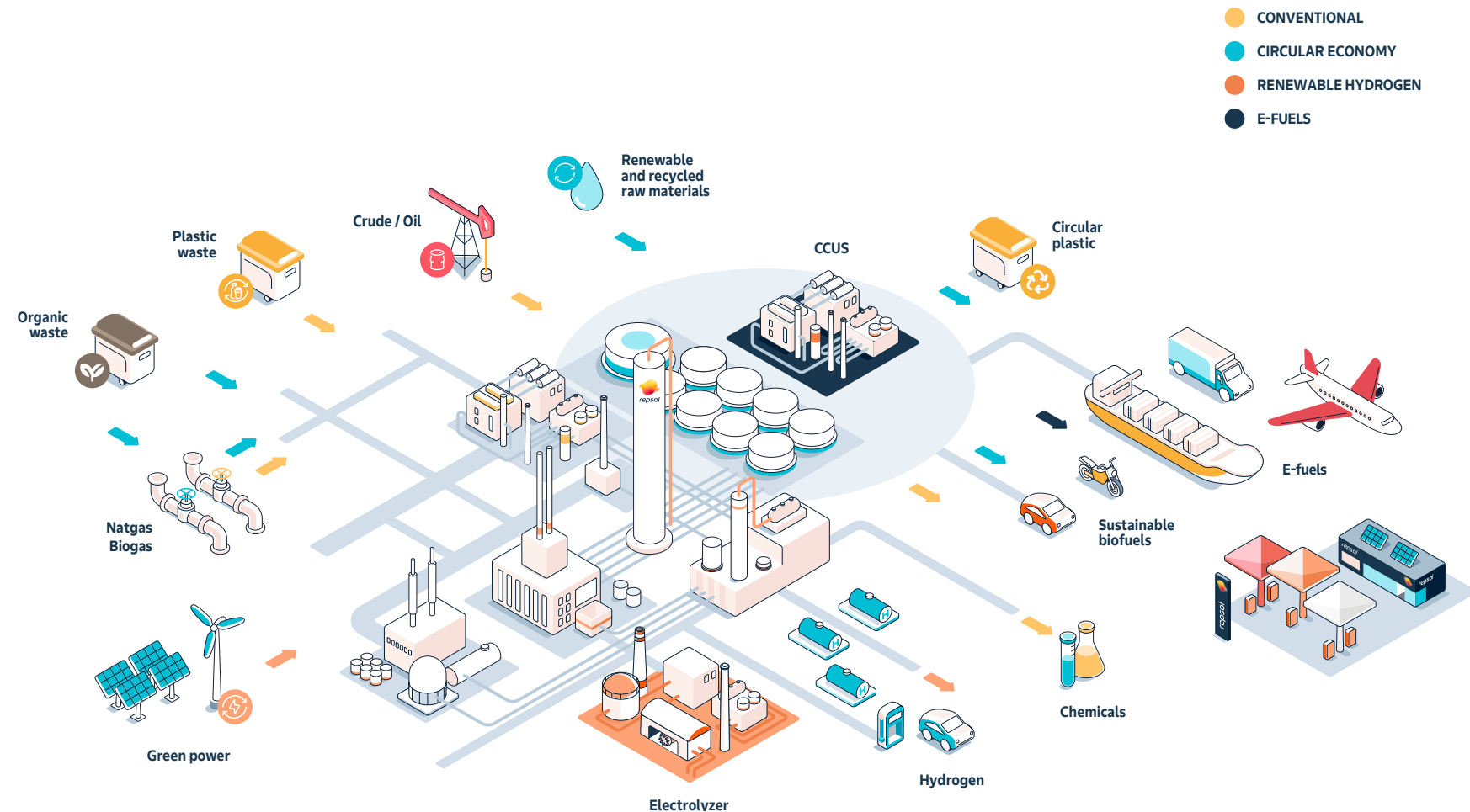
1.2 Mt/año

* Includes advanced biofuels, co-processing, ETBE, and renewable H₂ as an intermediate product

Renewable hydrogen capacity*

0.6-0.8 GW eq by 2030*

* Electrolyzer capacity with offtake agreements, including renewable hydrogen produced from biogas as a feedstock.



Industrial transformation

Repsol's Division of Engineering (DE) serves the company's Industrial business, from the more traditional Refining and Chemicals divisions to our new, transformational renewable fuels and the circular economy projects: renewable hydrogen, biofuels, and synthetic fuels, among others.

Repsol has one of Europe's most efficient refining systems. The company is transforming our industrial facilities into multienergy hubs through breakthrough projects that will reduce our carbon footprint and make us a benchmark in production of renewable hydrogen and renewable fuels by 2030. To achieve net zero emissions by 2050, Repsol is committed to a model that

integrates all technologies for decarbonization, based on improved efficiency, increasing renewable electricity generation capacity, renewable fuels production, the development of new solutions for customers, the circular economy, and promoting cutting-edge projects to reduce our industrial carbon footprint.

Engineering Division: 30 years developing projects



At such an important time in the global energy scenario, at Repsol we promote the energy transition with a determined industrial transformation of our company.

For this, we rely on our Division of Engineering to manage large-scale projects that, with the help of technology, will achieve carbon footprint reduction in our processes and products while making new forms of energy a reality.

Knowing how to give shape to ideas and bring them to fruition with a vision of the future is what sets our people in Engineering apart. They've always known exactly how to help our businesses to achieve their strategic goals.

Josu Jon Imaz
CEO



We take on the challenge of expanding our offer of energy, fuels, and chemical products, offering society competitive, reliable, circular solutions with a lower carbon footprint and thereby guaranteeing a safe and profitable energy transition.

At Repsol's Division of Engineering, we have the technical and managerial capabilities needed to design and build new facilities to generate these forms of energy, as well as to improve the efficiency and sustainability of existing infrastructures.

Based on innovation, efficiency, and rigor, we have supported Repsol's businesses in their growth and technological evolution for over 30 years, always seeking excellence in what we do, not only in results but also in how we obtain them.

Juan Antonio Monterroso
Director of Engineering



Our mission

We provide engineering, technical assistance, and project management services to the company's operational areas and to other companies in which Repsol is a stakeholder.

We ensure compliance with legislation and the adoption of best practices in safety and environmental management,

optimizing resources, costs, and investment implementation deadlines.

Repsol's values are reflected in every project we undertake: they are part of the company's present and future.

Courage: we propose ideas for the future with a broad, challenging, and far-reaching vision.

Curiosity: we pose new questions, learn, and share knowledge.

Achievement: we turn ideas into real business opportunities.

Care: we drive the growth of people and society.

Global figures

+700

projects carried out

+1,400

years if carried out one after another

+900

contractor companies

+1,600

suppliers

20

billion

euros managed in investments

+100

million

hours worked in construction

60

engineering companies coordinated

3.100

million

euros C10 - Cartagena
Largest-ever industrial investment in Spain

+35,000

purchase orders placed

+230

process engineering

+22

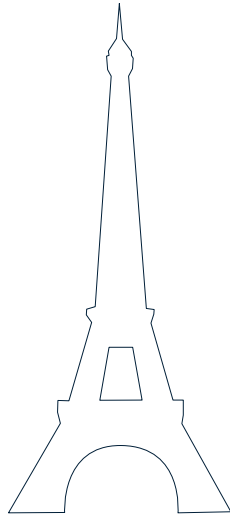
million

hours of engineering performed

+30

international technology licensors

PROJECTS



+21,000

pieces of equipment assembled

+6,500

km of ditches dug

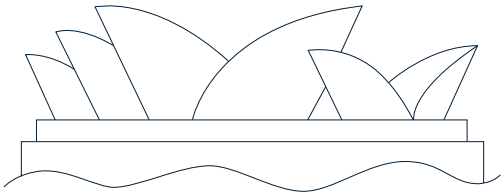
+65,000

metric tons of metal structure installed
(9x the Eiffel Tower)

+6

million m³

of earthworks
(equivalent to 2,400 Olympic swimming pools)



+500,000

m³

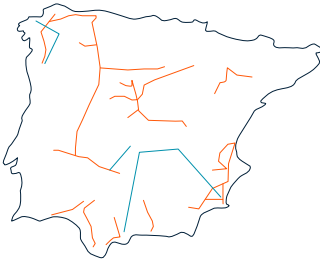
of concrete (40 times the roof of the Sydney Opera House)

CONSTRUCTION



+14,000

km of cable laid
(twice the distance from A Coruña to Calgary)



+4,500

km of gas pipeline installed

+4,300

of piping installed
(the coastline of the Iberian Peninsula)

Global figures

~170

people

+15

years average experience

12

nationalities

46%

54%

women and men

+60

leaders, managing licensors, suppliers, and contractors

+1,000,000

hours of safety training for own staff personnel and contractors

+55,000

hours of technical training provided by the D Engineering

+800

people who have formed part of the D Engineering

36

industrial areas and centers where we have worked

19

official entities and technical committees we have collaborated with

77

business lines and customers receiving our services

+30

years of activity

PEOPLE

21

countries where we've worked

- Algeria
- Argentina
- Bolivia
- Brazil
- Canada
- Chile
- China
- France
- Germany
- Italy
- Japan
- Mexico
- Peru
- Portugal
- Russia
- South Korea
- Spain
- United Arab Emirates
- United Kingdom
- United States
- Venezuela



Functions

in each project phase



Preliminary studies

The Division of Engineering responds to the needs of the company's various business areas by providing technical assistance and advice, as well as participating in defining the scope of project facilities:

- Advising in technical analysis of business opportunities.
- Studies to assess and select technologies and locations.
- Pre-sizing assessments of facilities for processing, services, logistics, etc.
- Preliminary environmental and safety studies for facilities.
- Preliminary estimates of investment costs (order of magnitude, class V).
- Preparation of preliminary project programs.
- Preliminary analyses of project risks.



Conceptual engineering

- Comprehensive management of conceptual engineering contracts and other technical studies.
- Preparation of the design bases to determine a project's technical feasibility.
- Establishing the scope of the project to achieve the established objectives: selection of technology, process scheme (including energy integration), list of equipment and data sheets of main equipment, definition of necessary modifications to off-sites and infrastructures (OSBL).
- Preparation of the preliminary project execution program.
- Definition of the preliminary Project Execution Plan (PEP), identifying the main risks, and including the plan for obtaining environmental permits and other licenses.
- Investment estimate: providing the business with sufficient information for the profitability analysis. Estimated disbursement calendar.
- Preparation of request for quote packages for FEL (front-end loading) phase assessments and management of contracting.



FEL (Front-End Loading)

Basic engineering (BE)

Two main lines:

- a) Management of licensors and engineering: supervision of basic engineering performed.
- b) Occasionally, undertaking basic engineering ourselves.

Development of scope: confirming the process design bases and the sizing of main equipment, issuing preliminary plot-plan, issue P&IDs for BE.

Initial studies of value engineering, risk identification, constructability, energy efficiency, waste minimization

FEED (Front-End Engineering Design)

Progress of detailed engineering (~20%) and additional work to precisely define the scope and issue the detailed project program (detailed engineering, procurement and contracting management, construction, commissioning, and start-up), as well as estimate the investment with a margin of +/-10%:

- Development of the Project Execution Plan.
- Agreement on the procurement strategy and main contracts.
- Preparation of documentation to obtain required permits.

- Collection of field data including topographic, geotechnical, and preloading studies, soil quality reports, etc.
- Implementation studies and pipeline routes. Issuing of the 3D digital model.
- Constructability analysis and assessments of transportation and special maneuvers.
- Identification and assessment of project risks.



EPC (Engineering, Procurement and Construction)

Detailed engineering

- Issuing a project's 3D digital model and all engineering documentation: approved for construction plans (AFC), health and safety and environmental management studies, constructability studies, logistics, and special transport/lifting studies.
- Equipment design and material take-offs.
- Inspection and activation of supplies.
- Obtaining licenses and permits.

Procurement and contracts

- Supply Plan Execution: placement of orders for the supply of equipment and work materials.
- Contracting Plan Execution: strategy for awarding construction contracts.

Construction

- On-site technical management and supervision of construction, pre-commissioning tests and trials, on through mechanical completion.
- Progress control according to detailed planning.
- On-site Safety and Environment (S&E) coordination.
- Economic management of construction contracts.

Commissioning and start-up

The Division of Engineering supports company businesses in commissioning and start-up activities alongside technology experts and main equipment suppliers:

- Interface with technology licensors during the start-up phase, operation tests, and performance test.

- Assisting the business area in obtaining permits and start-up authorizations. Preparation of test dossier and installer certificates, and administrative management for legalization of new installations.
- Training of operators.
- Assisting the business area in defining requirements for spare parts / chemicals / catalysts.

Technical support

Beyond the definition, execution, and implementation of industrial projects, the Division of Engineering also provides technical support as part of our global service to Repsol businesses and investee companies. This includes tailored solutions for improving plant operations and maintenance, efficiency, optimization, and safety and environment aspects — both in production processes and facilities.

Flagship projects



2000



Propylene Oxide/Styrene Monomer (POSM) Plant

Tarragona (Spain)
Investment: €795 M
Construction hours: 7 Mh

Repsol's first project as a licensor, patenting its own technology. The plant was inaugurated by Their Majesties the King and Queen of Spain.

2002



Hydrocracker*

Tarragona (Spain)
Investment: €242 M
Construction hours: 1.5 Mh

2004



Mild hydrocracker*

Puertollano (Spain)
Investment: €282 M
Construction hours: 4.5 Mh



800-MW combined cycle thermal power plant

Arrúbal (Spain)
Investment: €344 M

The plant can generate up to 800 MWh of electrical energy, which represents around 2% of Spain's total consumption.

2005



FCC load hydrotreating*

A Coruña (Spain)
Investment: €213 M
Construction hours: 2.5 Mh

2006



Improvement of the environmental quality of gasolines and diesels

Bilbao (Spain)
Investment: €122 M
Construction hours: 0.7 Mh

Reduction in the amount of sulfur in gasolines and diesels to 10 ppm (parts per million), thus adjusting the Petronor refinery's production to meet the requirements in Spain effective starting in 2006.



Wastewater Treatment Plant (WWTP)

Mendoza (Argentina)
Investment: US\$14 M

Wastewater treatment plant to improve environmental quality at the Luján de Cuyo refinery.

2007



Fractionation of naphthas at the La Plata and Luján de Cuyo refineries

Buenos Aires / Mendoza (Argentina)
Investment: US\$36 M

2008



Olefin cracker expansion

Tarragona (Spain)
Investment: €81 M
Construction hours: 0.6 Mh

Optimization project that, based on excess flows from the refinery and therefore minimizing waste and discharges, made it possible to expand the production capacity of the olefins unit by 9% in response to market needs.

2010



LNG regasification terminal

Saint John - Canaport (Canada)
Investment: US\$1,062 M
Construction hours: 6 Mh

First LNG terminal built in Canada. Three 160,000 m³ tanks, with enough capacity to supply gas to five million homes in Canada and the US.

* In addition to reducing sulfur in gasolines, hydrocrackers made it possible to process heavier crude oils and reduce CO₂ emissions, improving energy efficiency.

2011



Cartagena refinery expansion

Cartagena (Spain)
Investment: €3,100 M
Construction hours: 30 Mh

The largest industrial investment in the history of Spain.

The heaviest and largest equipment that, to that point, had ever been transported on Spanish roads were installed in an area of 60 hectares (equivalent to 85 soccer fields). Inaugurated by the current King of Spain, HM Felipe VI.



Cartagena-Puertollano oil pipeline

Cartagena and Puertollano (Spain)
Investment: €152 M
Construction hours: 2 M h

Oil pipeline over 350 km long, with reversible operation and a capacity of almost 3.5 million m³/year.



Fuel oil reduction

Bilbao (Spain)
Investment: €914 M
Construction hours: 8.5 Mh

Flagship project, with extraordinary technical and construction difficulties, which gave rise to a much more efficient and flexible refinery capable of treating heavy and acidic crude oils.

New coking units, gas concentration, acidic water, amines, hydrogenation of naphtha and butadiene, cogeneration, sulfur recovery.



2013



New wells and gas processing facilities in the Margarita field

Caipipendi mountain range (Bolivia)
Investment: €594 M
Construction hours: 17 Mh

Field with the highest production in the country, with 19 million cubic meters of gas per day, which represents more than 30% of Bolivia's total production. A great logistical challenge, with pipelines crossing remote mountain ranges with steep slopes.

2014



Cutting-edge lubricant bases plant

Cartagena (Spain)
Investment: €199 M
Construction hours: 2.5 Mh

Joint Venture with Korean SK Lubricants, the project was carried out based in Seoul (South Korea) during the engineering and procurement phases, and in Cartagena (Spain) during construction and start-up. An exemplary international collaboration.

2015



Chemicals plant for the production of synthetic rubber

Panjin (China)
Investment: €214 M
Construction hours: 2 Mh

Two synthetic rubber production lines with a total production of 100,000 metric tons/year, which makes Dynasol (Repsol Group) one of the 10 largest synthetic rubber production companies in the world.

2016



Relapasaa refinery adaptation to new fuel specifications in the country

La Pampilla (Peru)
Investment: €737 M
Construction hours: 15 Mh

New diesel hydrodesulfurization units, sulfur recovery, gasoline hydrotreatment, and gasoline blending. FEL carried out entirely by Repsol Engineering personnel.



2017



Reggane gas production field

Sahara Desert (Algeria)
Investment: US\$1,829 M
Construction hours: 30 Mhh

A major logistical challenge in one of the planet's most hostile environments to develop a gas field with a production of 8 million cubic meters per day: 20 wells and 6 workovers until first-gas, 160 km of roads, 200 km of collection lines from the wells to the CPF (Central Processing Facility), 75 km of export line, living base, landing strip, and the central processing facility (CPF) itself.



2018



Exploitation of gas and hydrocarbon wells in Block 57

Amazon rainforest (Peru)
Investment: €307 M
Construction hours: 5 Mh

Two new wells and pipelines almost 20 km long, dug in the heart of the Amazon rainforest. Over 25,000 tons of materials were transported 2,000 km by truck, barge, and helicopter.



2019



Recovery of volatile organic compounds at maritime terminal

Cartagena / Bilbao (Spain)
Investment: €25 M
Construction hours: 0.3 Mh

Volatile recovery systems from ship vents when loading gasolines and naphthas at each berthing area to guarantee compliance with environmental requirements and safety against overfilling, excess pressure, fire, or explosion.



T4 monobuoy terminal

La Pampilla (Peru)
Investment: US\$109 M

First hydrocarbon monobuoy terminal in Peru, interconnected with land facilities by 4 km of underwater lines, allowing for the loading/unloading of vessels of up to 120,000 tons in more adverse weather conditions than in existing conventional marine terminals, thus improving safety and effectiveness, guaranteeing the supply of crude oil and fuel to consumers.



2020



Gas turbocharger replacement in URG-3

A Coruña (Spain)
Investment: €16 M
Construction hours: 0.1 Mh

Magnetic field levitation compressor, trailblazing technology that improves energy efficiency, reliability, and availability of the process. An annual reduction of 8,700 net metric tons of CO₂ and 4,900 net metric tons of natural gas is achieved, with a more compact design that doesn't generate oil waste. "Galicia Industria" Award for Best Industrial Innovation.

2021



Production of polymer-grade propylene (PGP)

A Coruña (Spain)
Investment: €26 M
Construction hours: 0.2 Mh

In response to growing global demand, the refinery's propylene production is increased by 35%, increasing its quality to "polymer grade" (purity greater than 99.5%), for subsequent use in sanitary materials, stationery, textile industry, containers, and packaging, etc. Petrochemical derivatives are part of the solution for the energy transition, as they lighten the weight of the products they are integrated in and/or increase their insulation, resulting in a reduction of final CO₂ emissions.



Increase in production capacity of lubricant bases

Cartagena (Spain)
Investment: €47 M
Construction hours: 0.7 Mh

Increase in the production capacity of high-quality lubricant bases at the ILBOC plant by 45%, up to 19,285 BPSD (barrels per stream day).

2022



Unloading crude oil in the Langosteira Outer Port

A Coruña (Spain)
Investment: €122 M
Construction hours: 0.7 Mh

A dock over half a kilometer long and a polyduct with 11 lines almost 4 km long. Protection of cultural heritage (found petroglyphs).

2023



Bunker stations for ship LNG refueling

Bilbao / Santander (Spain)
Investment: €32 M
Construction hours: 0.3 Mh

Two cryogenic tanks of 1,000 m³ and 56-m long that store LNG at -162°C, the first with these characteristics manufactured in Spain. LNG is one of the lowest-emission fuels for maritime transport.

2024



Renewable fuels plant

Cartagena (Spain)
Investment: €250 M
Construction hours: 2.5 Mh

First plant on the Iberian Peninsula dedicated exclusively to the production of 100% renewable fuels, making it possible to reduce CO₂ emissions by 900,000 metric tons per year.

2026



Retrofitting of the diesel hydrodesulfurization unit for the production of 100% advanced biofuels: our second renewable fuels plant

Puertollano (Spain)
Investment: €130 M
Construction hours: 1 Mh

Reconversion of the diesel hydrodesulfurization unit to produce renewable fuels (32 m³/h hydrotreated vegetable oil [HVO]), processing UCO-type waste (used cooking oil) instead of mineral oil.

Projects currently underway



Polyethylene and polypropylene plants and distribution logistics platform

Sines (Portugal)
Investment: €820 M
In execution. S/U planned for 2026

Two differentiated polymer plants, the first of their kind on the Iberian Peninsula, with a capacity of 600,000 metric tons/year. New products will be 100% recyclable and usable in highly specialized applications in the pharmaceutical, automotive, and food industries.



Ultra-high-molecular-weight polyethylene (UHMWPE) plant

Puertollano (Spain)
Investment: €120 M
In execution. S/U planned for 2026

First plant on the Iberian Peninsula capable of manufacturing ultra-high-molecular-weight polyethylene (UHMWPE), a "super polymer" tougher than steel, high impact resistant, and with a self-lubricating capacity. The production of 15,000 metric tons/year will satisfy the needs of the construction market, personal protection, lithium batteries, as well as medical applications (prostheses, implants, or dialysis filters).

Projects currently underway



Modifications TO FF3 - new polymer-grade propylene

Bilbao (Spain)
Investment: €60 M
In execution. S/U planned for 2026

New propane/propylene splitter unit for the production of polymer-grade propylene with a purity greater than 99.5%. The new unit also optimizes the consumption of auxiliary services (low pressure steam, cooling water), contributing to Petronor's decarbonization by reducing CO₂ emissions by 25.8 kt/year.



Electrification and improved efficiency of compressors in cracker

Tarragona (Spain)
Investment: €85 M
In execution. S/U planned for 2026

Improved energy efficiency and decarbonization by replacing two compressor turbines with high-speed electric motors, as well as replacing a third turbine and its compressor with a new full turbocharger. Expansion of 66 kV wind farm and construction of new electrical substation.

Reduction of 65.1 kta of natural gas consumption and 175.4 kta of CO₂ emissions, as well as saving 0.5 Hm³/year of water.

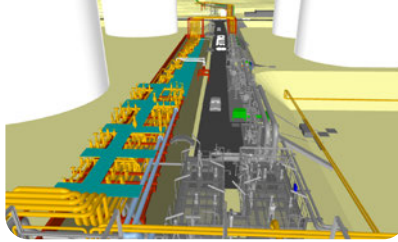
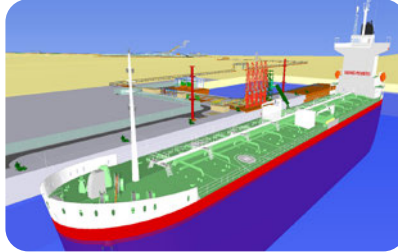


Decarbonization hub: e-fuels demo plant and 10-MW electrolyzer

Bilbao (Spain)
Investment: €190 M
In execution. S/U planned for 2026

Demo unit for the production of renewable synthetic fuels (e-fuels), generated from CO₂ captured from the Petronor refinery processes and from electrolytic hydrogen generated from a 10-MW electrolysis unit, with a production capacity of approximately 180 kg/h of H₂.

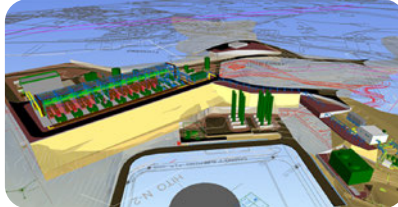
Joint project with Saudi Aramco.



Phase II of the transfer of facilities to the Langosteira outer port

A Coruña (Spain)
Investment: €140 M
In the engineering and procurement management phase. S/U planned for 2028

A new berth with new loading arms and pumping stations, as well as an extension of eight lines to complete the transfer of products between the outer port and the A Coruña refinery.



100-MW electrolyzer in Bilbao

Bilbao (Spain)
Investment: €290 M
In the engineering and procurement management phase. S/U planned for 2028

In the engineering and procurement management phase. S/U planned for 2028.

The largest renewable hydrogen plant in Spain (alongside Cartagena), consisting of 10 electrolyzer modules of 10 MW each, based on pressurized alkaline technology. The plant will be able to produce 20,000 Nm³/h of green hydrogen, in line with our industrial decarbonization road map and the acceleration of the energy transition in Spain.

Project with the European Commission's IPCEI and PCI seals.

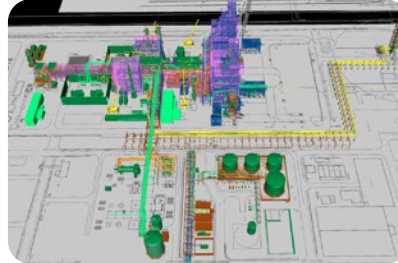


100-MW electrolyzer in Cartagena

Cartagena (Spain)
Investment: €300 M
In the engineering and procurement management phase. S/U planned for 2029

Alongside Bilbao, the largest renewable hydrogen plant in Spain. Also with pressurized alkaline technology, the new electrolyzer is composed of 10 modules of 10 MW each and will produce 20,000 Nm³/h, which will reduce the Cartagena refinery's carbon footprint, thus advancing toward the company's decarbonization targets.

Project with the European Commission's IPCEI and PCI seals.



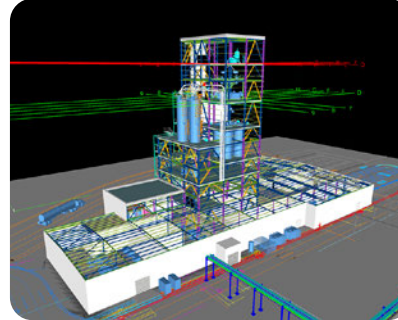
Ecoplanta

Tarragona (Spain)
Investment: €800 M
In the engineering and procurement management phase. S/U planned for 2029

Ecoplanta will be the first plant in Europe capable of transforming non-recyclable municipal solid waste into renewable and circular methanol using advanced gasification technology. Every year it will process ~400,000 metric tons of waste that is currently sent to landfills, producing ~240,000 metric tons of methanol and contributing to the circularity and decarbonization of maritime transport.

A project with a modular execution strategy, Ecoplanta has also been selected by the European Union as a beneficiary of the EU Innovation Fund due to its high levels of emissions reduction, scalability, and innovative nature.

The project is already an international benchmark, recognized in the framework of Brazil's COP30 (November 2025) as a decarbonization success story.



Cross-linked polyethylene (XLPE) for insulation of high-voltage cables

Tarragona (Spain)
Final investment decision pending

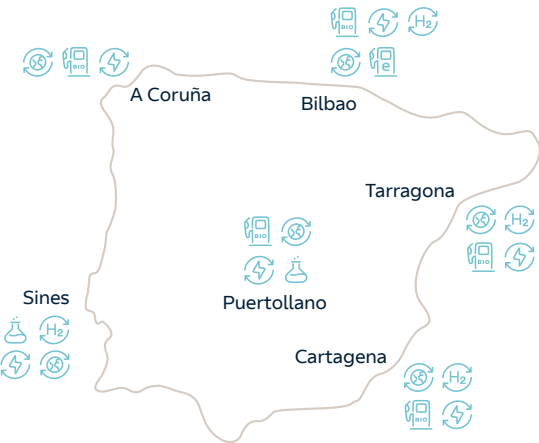
First plant in Repsol that manufactures cross-linked polyethylene (XLPE) for insulation of high-voltage cables, with an annual capacity of 27,000 metric tons which are necessary to increase the transportation of electrical energy from renewable sources.

Project verticals



The energy transition: looking to the future

We manage the projects that allow us to achieve our commitment to reaching net zero emissions by 2050, integrating various technological options to offer solutions to all of society's energy needs and consolidate our multi-energy profile. Thus, our Strategic Plan puts a clear technological focus on the low-carbon industrial business: renewable fuels, renewable hydrogen, biomethane, gasification, and circular chemicals.



- Biofuels
- Synthetic fuels
- Energy efficiency
- Renewable hydrogen
- Chemicals specialization and differentiation
- Circular economy



Biofuels

Waste-based production of renewable fuels.

Renewable fuels plant. Cartagena (Spain).

First plant on the Iberian Peninsula dedicated to the production of 100% renewable fuels. Project supported by the European Investment Bank. In operation since March 2024.



Reconversion of the diesel hydrosulfurization unit to process UCO-type waste (used cooking oil). Puertollano (Spain).

In operation since May 2026.

Waste-based production of bioethanol: various locations.

Feasibility studies and conceptual engineering currently underway.

Non-operated projects:

- Several biomethane plants in various locations (Spain and Portugal). In partnership with Genia Bioenergy and Enagás.

Production of renewable biomethane from organic waste (domestic, industrial, agricultural, sludge, and livestock waste) by the biological route of anaerobic digestion by microorganisms. In various advanced engineering and construction phases. First plant, with start-up expected in 2027, in Llíria (Valencia).

- Lipid pretreatment plant. Cartagena (Spain). In partnership with BISA (Bunge Ibérica).

Lipid raw material pretreatment plant (UCO, animal fats, crops), as food for renewable fuel production plants. In the basic engineering phase, start-up expected in 2029.



Synthetic fuels

Production of renewable fuels using CO₂ and electrolytic hydrogen.

Decarbonization hub: e-fuels demo plant and 10-MW electrolyzer. Bilbao (Spain).

In execution. S/U planned for 2026.



Manufacture of alcohols and subsequent production of e-fuels. Various locations.

Feasibility studies and conceptual engineering currently underway.

Project verticals



Energy efficiency

Improving the energy efficiency of our industrial system.

Electric compressor with levitating shaft for FCC. A Coruña (Spain).

Project awarded by the Galician Association of Industrial Engineers as the best industrial innovation. In operation.



Platform compressor electrification. Cartagena (Spain).

In operation.

HD3 compressor replacement and electrification. Bilbao (Spain).

In operation.

U624 compressor electrification. Puertollano (Spain).

In operation.

C5380 compressor electrification. Tarragona (Spain).

In operation.

FCC compressor electrification. La Pampilla (Peru).

In operation.

Cracker electrification. Sines (Portugal).

In execution. S/U planned for 2026.

Cracker electrification. Tarragona (Spain).

In execution. S/U planned for 2026



Renewable hydrogen

Installation of electrolyzers at our industrial complexes, integrated with low-carbon generation: 0.5-0.7 GWeq by 2027 and up to 1.2 GWeq by 2030.

2.5-MW electrolyzer. Bilbao (Spain).

In operation.



4-MW electrolyzer. Sines (Portugal).

In execution. S/U planned for 2026.

10-MW electrolyzer. Bilbao (Spain).

Project funded by the H2 PIONEROS Program. In execution. S/U planned for 2026.

100-MW electrolyzer. Bilbao (Spain).

Project with the European Commission's and Spanish government's IPCEI and PCI seals. In the detailed engineering and procurement management phase.

100-MW electrolyzer Cartagena (Spain).

Project with the European Commission's and Spanish government's IPCEI and PCI seals. In the detailed engineering and procurement management phase.

150-MW electrolyzer. Tarragona (Spain).

Project funded by the European Commission and Spanish government through the Innovation Fund and with a PCI seal. Final investment decision pending.



Chemicals specialization and differentiation

Transformation of our chemicals portfolio, with an increase in our differentiated products offering.

Linear polyethylene (LPE) and polypropylene (PP) production plants. Sines (Portugal).

Tax credit granted by the European Commission. In execution. S/U planned for 2026.



Ultra-high-molecular-weight polyethylene (UHMWPE) production plant. Puertollano (Spain).

Project supported by the Center for the Development of Industrial Technology (CDTI). In execution. S/U planned for 2026.



Cross-linked polyethylene (XLPE) manufacturing plant for insulation of high voltage cables. Tarragona (Spain).

Final investment decision pending.

Expandable polystyrene (EPS) plant. Tarragona (Spain).

In the extended basic engineering phase.



Circular economy

Leaders in circular economy and low-carbon products.

Recovery of polyurethane foams (RECPUR). Puertollano (Spain).

Second plant of this type in Europe. Includes improved technology. Project supported by the Center for the Development of Industrial Technology (CDTI). In operation.

Mechanically recycled polyethylene (PE) composition unit (RECICLEX). Puertollano (Spain).

Project supported by the Center for the Development of Industrial Technology (CDTI). In execution. S/U planned for 2026.

ECOPLANTA for methanol production from MSW. Tarragona (Spain).

An FOAK (first of a kind) plant internationally. Project funded by the European Commission through the Innovation Fund. In the detailed engineering and procurement management phase.

Several circularity projects ("waste to fuels" and "waste to plastics") in gasification and pyrolysis. Various locations.

Feasibility and conceptual engineering studies are ongoing.



Refining

We are responsible for the adaptation and transformation of existing units where crude oil and various alternative raw materials are processed to obtain value-added products.

DESCRIPTION	LOCATION	COMPLETION
Methyl Tert-Butyl Ether (MTBE-2) Plant	Tarragona (Spain)	1994
HDS Diesel	A Coruña (Spain)	1994
HDS Diesel	Puertollano (Spain)	1996
Ballast Water Treatment Plant Expansion	Cartagena (Spain)	1996
U-645 Desulfurization Unit Expansion and New Sulfur Plants	Tarragona (Spain)	1997
Olefins Plant Expansion to 1.635 t/day of Ethylene	Tarragona (Spain)	1997
FCC Naphtha Fractionation	A Coruña (Spain)	1998
Reduction of Benzene in Gasoline	Tarragona (Spain)	1999
Naphtha Desisopentanizer Unit	Tarragona (Spain)	1999
Benzene Hydrogenation	Cartagena (Spain)	1999
HDS Diesel No. 1 Modification	Cartagena (Spain)	1999
Coking Expansion	A Coruña (Spain)	1999
FCC Naphtha Heart-Cut Hydrogenation	A Coruña (Spain)	1999
Coking Expansion	Puertollano (Spain)	1999
Reduction of Benzene in Gasolines	Puertollano (Spain)	1999
FCC Naphtha Fractionation	Puertollano (Spain)	2000
Crude Oil Storage Expansion	Cartagena (Spain)	2000
Pressure Swing Adsorption (PSA)	Tarragona (Spain)	2000
FCC Light Naphtha Merox	A Coruña (Spain)	2000
Reduction of Benzene and Desisopentanizer	A Coruña (Spain)	2000
Desisopentanizer and Merox	Puertollano (Spain)	2000
Hydrogen Plant (H2), HD3 Mild Hydrocracking, and Heart-Cut Treatment	Bilbao (Spain)	2000
Olefins Digitalization	Tarragona (Spain)	2000

Crude Oil Storage Tanks in Four Refineries	Spain	2000
Remodeling Unit 611	Tarragona (Spain)	2001
Strategic Reserves of Petroleum Products Corporation (CORES) Tanks Expansion	Cartagena (Spain)	2001
Hydrogen Unit Capacity Expansion	A Coruña (Spain)	2001
E-1 Plate Exchanger Installation	Bilbao (Spain)	2001
VB3 Modifications	Bilbao (Spain)	2001
Propane-Propylene Fractionation Modifications	Bilbao (Spain)	2001
V3 Unit Optimization	Bilbao (Spain)	2001
Powering H4 and Cogeneration with Natural Gas (NG)	Bilbao (Spain)	2001
CORES Tanks Expansion	Tarragona (Spain)	2001
Ethylene-Propylene Logistics Capacity Expansion	Tarragona (Spain)	2001
Crude 1 Expansion	Tarragona (Spain)	2001
Kerosene Sweetening	Luján de Cuyo (Argentina)	2001
Storage Dismantling	Málaga (Spain)	2002
FCC Revamping	La Pampilla (Peru)	2002
SR5 Sulfur Recovery Unit	Bilbao (Spain)	2002
Hydrocracker	Tarragona (Spain)	2002
Adaptaiton of MTBE unit to Ethyl Tert-Butyl Ether (ETBE)	Bilbao (Spain)	2003
TSK Load to HD4 Preheating	Bilbao (Spain)	2003
Mild Hydrocracker	Puertollano (Spain)	2004
Desulfurization of Middle Distillates at 50 ppm	Cartagena (Spain)	2004
Elimination of Bottlenecks in UDP II	La Pampilla (Peru)	2004
Acidic Water Unit	La Pampilla (Peru)	2004
Remodeling of Crude-1 Unit	Puertollano (Spain)	2004
Reinstrumentation	La Pampilla (Peru)	2004
Vaccum, Visbreaking, and Merox Unit	La Pampilla (Peru)	2004
Oxidation of spent caustic	La Pampilla (Peru)	2005
Isopentane Plant Adaptation (U-618) Isomerate Production	Tarragona (Spain)	2005
65,000 m³ Diesel Tank in Nostian	A Coruña (Spain)	2005
Improvements to La Lengua Diesel Tank Area Operational	Bilbao (Spain)	2005
FCC load hydrotreating	A Coruña (Spain)	2005



Isopentane Merox section 10 m³/h	A Coruña (Spain)	2005
Storage Park Expansion	Puertollano (Spain)	2005
Hydrosulfurization (HDS) of Naphthas from Fluid Catalytic Cracking (FCC)	Bilbao (Spain)	2005
Improvement of the environmental quality of Gasolines and Diesels	Bilbao (Spain)	2006
Wastewater Treatment Plant (WWTP)	Luján de Cuyo (Argentina)	2006
LLGVO U-612 Vacuum Unit Extraction	Tarragona (Spain)	2006
Increased Sulfur Recovery U-673	Tarragona (Spain)	2006
Modification of HDS to 10 ppm (U-677)	A Coruña (Spain)	2007
Naphthas fractionation	Luján de Cuyo / La Plata (Argentina)	2007
Hydrogenated Vacuum Gas Oil (HVGO) Tanks	La Pampilla (Peru)	2007
Stand By G2-C2 Liquid Ring Compressor	Bilbao (Spain)	2007
Diesel Tank and Gasoline Tank Modifications	La Pampilla (Peru)	2008
Modification of HDS to 10 ppm (U641)	A Coruña (Spain)	2008
Fame-Biodiesel Production Plant	León (Spain)	2008
Diesels at 10 ppm (U-643)	Puertollano (Spain)	2008
Fuel Oil (FO) Tank Storage Future operations with Barges	Bilbao (Spain)	2008
Olefins Cracker Expansion	Tarragona (Spain)	2008
Diesels at 10 ppm	Tarragona (Spain)	2009
Diesels at 10 ppm (U-681)	Cartagena (Spain)	2009
Kerosene Sweetening Unit	Tarragona (Spain)	2009
F10/11/12/16/17 Furnace Capacity Expansion	Tarragona (Spain)	2010
Diesel Storage Expansion in Bens	A Coruña (Spain)	2010
Rainwater Network Collection Remodeling	Puertollano (Spain)	2010
Preparation of Land in the Refinery's Southern Zone	Bilbao (Spain)	2010
Water Treatment Enhancement to Improve Recovery	Bilbao (Spain)	2010
UDV I / UDP I Modifications	La Pampilla (Peru)	2010
Reduction of Sulfur in FCC Naphthas. HDS. Gas Recovery Unit No. 3	A Coruña (Spain)	2011
Installation to enable full operation with Gas fuel	Bilbao (Spain)	2011
Pump Around Light Cycle Oil (LCO) Project at FCC	Bilbao (Spain)	2011
Crude Oil Storage Tanks (CORES)	Cartagena (Spain)	2011
Sulfur Silos Unit SR6	Bilbao (Spain)	2011

Fuel Oil Reduction Unit	Bilbao (Spain)	2011
Cartagena Refinery Expansion	Cartagena (Spain)	2011
Reconstituted Crude Oil Blending System	Cartagena (Spain)	2012
Adaptation of Effluent Treatment	La Pampilla (Peru)	2012
Access to the Refinery via La Lengua	Bilbao (Spain)	2012
Heat Recovery from Sulfur Plant Tail Gases	Tarragona (Spain)	2013
Replenishment of Rack Lines	Tarragona (Spain)	2013
Land Adaptation in DAR Plant and Equipment Update	Bilbao (Spain)	2013
P-C-1 Compressor Modifications to Improve Energy Efficiency	Bilbao (Spain)	2013
Modifications in Crude 1 to Optimize Energy Exchange	Bilbao (Spain)	2013
Modifications in U-451. Propylene Recovery.	A Coruña (Spain)	2014
Interconnections in Refinery for Lubricant Base Plant	Cartagena (Spain)	2014
Crude 2 Unit Improvements (U-614)	A Coruña (Spain)	2014
Increased Sulfur Recovery in Train C of PRA-3	A Coruña (Spain)	2014
Remodeling of the Olefins Plant	Puertollano (Spain)	2015
Replacement of Isomax Reactors - Conversion Increase	Tarragona (Spain)	2016
Gas Oil (GO) Storage	Sines (Portugal)	2016
Adaptation to New Fuel Specifications	La Pampilla (Peru)	2016
Compressors in FCC Unit to Improve Energy Efficiency	Bilbao (Spain)	2017
Revamping Unit H2	Cartagena (Spain)	2017
Revaluation of Naphthas	Bilbao (Spain)	2017
Modifications to the U-23 Gas Concentration Unit	La Pampilla (Peru)	2017
Ammonia Gas Treatment	Tarragona (Spain)	2017
Coker Modifications	Puertollano (Spain)	2018
FCC Particle Abatement	Bilbao (Spain)	2019
Performance and Efficiency Improvements in the FCC Reactor-Regenerator	Bilbao (Spain)	2019
Recovery of volatile organic compounds (VOCs) in maritime terminal	Cartagena (Spain)	2019
VOC recovery in maritime terminal	Bilbao (Spain)	2019
Coker Unit Improvements	A Coruña (Spain)	2020
Margin Improvements and Energy Integration FCC Unit	A Coruña (Spain)	2020
Gas Turbocharger Replacement in URG-3	A Coruña (Spain)	2020



FCC Particle Emissions Reduction	A Coruña (Spain)	2020
Production of Polymer Grade Propylene (PGP)	A Coruña (Spain)	2021
Modifications for Treatment of Naphthenic Crude Oils	Tarragona (Spain)	2022
Additivation by Components at Tech Lab	Madrid (Spain)	2022
Reconstruction of Tanks 650-D-667 and 650-D-668	Puertollano (Spain)	2023
Platform Compressor 1	Cartagena (Spain)	2023
Revamping and Feeding Hydrogen Unit 1	Cartagena (Spain)	2023
Gasoline Block Revamping	La Pampilla (Peru)	2024
Replacement of Motocompressor Blower in FCC Unit	La Pampilla (Peru)	Ongoing
Modifications in FF3 Polymer Grade	Bilbao (Spain)	Ongoing



Chemicals

We design and build chemical plants where a wide variety of petrochemical products are produced and serve as the basis for countless everyday objects that improve people's quality of life, well-being, and safety.

DESCRIPTION	LOCATION	COMPLETION
Modifications in Unit 1 of Low-Density Polyethylene (LDPE) for Ethylene-Vinyl Acetate (EVA) Copolymers.	Puertollano (Spain)	1996
Polypropylene Unit Expansion	Puertollano (Spain)	1996
New Polypropylene Plant	Tarragona (Spain)	1997
Polyol Plant Expansion	Puertollano (Spain)	1998
Hydrogenation of Thermoplastic Rubbers	Santander (Spain)	1999
Styrene monomer - Propylene oxide (POSM) plant	Tarragona (Spain)	2000

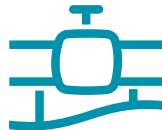
New Compounds Line	Puertollano (Spain)	2000
Laboratories	La Plata (Argentina)	2001
U6 modification to EVA	Puertollano (Spain)	2001
Hydrogenation of Thermoplastic Rubbers	Santander (Spain)	2002
Olefins Plant Modification	Tarragona (Spain)	2003
Desulfurization of ETT1 Fumes from the Acrylonitrile (ACN) / Methyl methacrylate (MMA) Plant	Tarragona (Spain)	2004
Replacement of Thermal Oxidation Equipment	Puertollano (Spain)	2004
Wet Peroxide Oxidation (WPO) Plant for Wastewater Treatment	Tarragona (Spain)	2007
New Benzene Unit	Tarragona (Spain)	2007
Pyrolysis Gasoline Unit Expansion	Tarragona (Spain)	2008
Outfall Replacement	Tarragona (Spain)	2013
Replacement of Large Olefin Machines	Tarragona (Spain)	2013
Cracker Primary Fractionator Improvements	Tarragona (Spain)	2013
Chemicals plant for the production of synthetic rubbers	Panjin (China)	2015
Metallocenes in High-Density Polyethylene (HDPE)	Tarragona (Spain)	2016
Olefins Plant Adaptation for C3 Feed	Tarragona (Spain)	2016
Cracker. Turbine Replacement X2501	Sines (Portugal)	2018
Closure of ACN, Hydrocyanic Acid (HCN), and MMA Plants	Tarragona (Spain)	2019
Propylene Turbine Replacement	Tarragona (Spain)	2019
Compressor Turbine Replacement 802K-001	Puertollano (Spain)	2021
Polypropylene (PP) Capacity Optimization	Puertollano (Spain)	2021
Prepolymer Reactor in Flexible Polyols (PPG)	Tarragona (Spain)	2021
Second Reactor PP2 Gas Phase	Tarragona (Spain)	2021
Flare in PP Plant	Puertollano (Spain)	2021
U4A Modification Macromer Manufacturing	Puertollano (Spain)	2024
U300/U400 Bottleneck Elimination	Tarragona (Spain)	2024
Contractors Zone and New Unit Areas	Sines (Portugal)	2024
Migration of Electrical Substation Loads SE-09 to SE-08	Tarragona (Spain)	2024
Direct propane logistics from SIGAS	Sines (Portugal)	2025
Supply Utilities to Ecoplanta	Tarragona (Spain)	Ongoing
Third Oxidizer Reactor in POSM	Tarragona (Spain)	Ongoing



LNG

We design and build liquefied natural gas (LNG) regasification plants, such as our LNG plant in Canada that sells natural gas in North America, as well as bunkering stations in Spain for refueling LNG to vessels.

DESCRIPTION	LOCATION	COMPLETION
Liquefied Natural Gas (LNG) Regasification Terminal	Saint John - Canaport (Canada)	2010
Connection for Distribution and Consumption of NG	A Coruña (Spain)	2010
Liquefied Petroleum Gases (LPG) Berth Transfer	Gijón (Spain)	2011
Wells and gas processing facilities in Margarita field	Sierra Caipipendi (Bolivia)	2013
Boil-off gas (BOG) recovery system	Saint John - Canaport (Canada)	2013
BOG Recovery Project - Phase 2	Saint John - Canaport (Canada)	2017
Reggane gas production field	Sahara (Algeria)	2017
Bunker station for LNG refueling on vessels	Bilbao/Santander (Spain)	2023



Pipeline projects

We manage the execution of pipelines and polyducts for the transportation of raw materials and products.

DESCRIPTION	LOCATION	COMPLETION
Connection of La Lengua Diesel Tanks with Bi-Va Oil Pipeline	Bilbao (Spain)	2005
Common Jobs P-55 and C10	Puertollano (Spain)	2011
Cartagena-Puertollano Oil Pipeline	Cartagena (Spain)	2011
Cartagena-Puertollano Oil Pipeline Flexibility	Puertollano (Spain)	2013
Exploitation of gas and hydrocarbon wells in Block 57 (SAGARI)	Amazon Rainforest (Peru)	2018
HUB Polyduct	Bilbao (Spain)	Ongoing



Singular projects

We build marine and port facilities for the logistics of loading and unloading the raw materials and products to be transported by sea.

DESCRIPTION	LOCATION	COMPLETION
Sea Line Replacement	Tarragona (Spain)	2001
Repairs at Berth SP-3	Bilbao (Spain)	2007
FO Loading Dock at Maritime Terminal	Bilbao (Spain)	2007
Replacement of Loading Arms at Berth No. 1 (Phase I)	Bilbao (Spain)	2007
Dock Repair Berths SP-4, 5, and 6	Bilbao (Spain)	2008
Repair of Berths SP-1 and SP-2	Bilbao (Spain)	2008
Replacement Loading Arms at Berth SP-1 (Phase II)	Bilbao (Spain)	2008
BB/TT Berth	Cartagena (Spain)	2010
Replacement Loading Arms 17 and 18	Cartagena (Spain)	2011
Terminal Monobuoy T4	La Pampilla (Peru)	2019
Unloading of Crude Oil in the Langosteira Outer Port	A Coruña (Spain)	2022
Adaptation of the 80S front for vessels up to 150KTPM	Tarragona (Spain)	Ongoing
Phase I of preparations of the 80T front for crude oil unloading	Tarragona (Spain)	Ongoing
Expansion of the Langosteira Outer Port	A Coruña (Spain)	Ongoing
Improvements to existing T1/T2/T3 terminals	La Pampilla (Peru)	Ongoing



Lubricants

We design plants that produce lubricants and bitumen for asphalt, in addition to new plants for specialized petroleum-derived products, such as cutting-edge lubricant bases.

DESCRIPTION	LOCATION	COMPLETION
U-701 Lubricants Vacuum Unit Remodeling	Puertollano (Spain)	2014
Cutting-edge lubricant base plant	Cartagena (Spain)	2014
Increased production capacity of lubricant bases	Cartagena (Spain)	2021



Electricity generation

We have developed and carried out electricity generation projects, mainly combined cycle and cogeneration plants.

DESCRIPTION	LOCATION	COMPLETION
Cogeneration Unit	Tarragona (Spain)	1997
Cogeneration (PIESA)	Tarragona (Spain)	2000
Cogeneration (PIESA)	A Coruña (Spain)	2001
Cogeneration (PIESA)	Santander (Spain)	2001
Cogeneration Unit	La Pampilla (Peru)	2002
800-MW Combined Cycle Thermal Power Plant	Arrúbal (Spain)	2004
1,200-MW Combined Cycle Thermal Power Plant	Escombreras (Spain)	2005
Cogeneration Plant	Puertollano (Spain)	2009
Segregation of Electric Charges	Puertollano (Spain)	2012
Improvement Project for the Refinery's Electrical Grid	Bilbao (Spain)	2013
Power Factor Correction and Electrical Infrastructure Improvement	Puertollano (Spain)	2021
150KV-Electrical Connection	Sines (Portugal)	2024
Cogeneration 1 Revamping	Puertollano (Spain)	Ongoing



Proprietary POSM (Propylene Oxide/ Styrene Monomer) and polyol technology

We develop and patent our own processes with which we build our POSM and polyol plants. We also license this technology to third parties.

DESCRIPTION	LOCATION	CUSTOMER	COMPLETION
Polymers Plant (POSM)	Tarragona (Spain)		2001
POSM Polymeric Polyols	Tarragona (Spain)		2002
POSM Plant Furnace Adaptation to NG	Tarragona (Spain)		2004
POSM Plant Off-Gas Oxidation Treatment	Puertollano (Spain)		2006
POSM Revamping	Tarragona (Spain)		2006
Sale of Polyols Technology (Basic Engineering License)	China	JUYUAN CHEMICAL INDUSTRY CO	2013
Sale of POSM Technology (Basic Engineering License)	China	TIANJIN BOHUA CHEMICAL DEVELOPMENT CO	2016
Sale of POSM Technology (Basic Engineering License)	China	SINOCHEM QUANZHOU PETROCHEMICAL CO	2018
Sale of Polyols Technology (Basic Engineering License)	China	JIANGSU HONGWEI CHEMICAL CO (SHENGHONG)	2021
Sale of POSM Technology (Basic Engineering License)	China	JIANGSU HONGWEI CHEMICAL CO (SHENGHONG)	2021
Technological adaptation of the Polymeric Polyol Unit	Tarragona (Spain)		2024
POSM Gaseous Emissions Treatment	Tarragona (Spain)		Ongoing
Polyol Gaseous Emissions Treatment	Tarragona (Spain)		Ongoing

Engineering **activity** and projects around the world



Countries with executed projects

- Algeria
- Argentina
- Bolivia
- Canada
- China
- Spain
- Peru
- Portugal
- Trinidad and Tobago
- Venezuela

Countries with Engineering offices

- Brazil
- Chile
- France
- Germany
- Italy
- Japan
- Russia
- South Korea
- United Arab Emirates
- United Kingdom (Scotland)
- United States

Team



~170
professionals

+15
years of
experience

12
nationalities

46%
women

60
leaders

100
technical
experts

Ours is a team of around 170 experienced professionals, mostly engineers and doctors, with an average of over 15 years of professional experience. Coming from 12 countries, with women making up 46% of the team, 60 leaders, and up to 100 recognized technical experts within and outside the company, we have coordinated and supervised more than 1,600 suppliers, over than 900 contractors, and over 30 international technology companies in the execution of the 700 projects we have undertaken in our more than 30 years of activity.

Team

Marta Camacho

Director of Support and Non-Operated Projects

- Estimates and programming
- Procurement and contracts
- Non-operated projects
- Performance
- Data analytics
- Prospecting suppliers and resources
- Activation



Patricia Alonso

Technical Director

- Instrumentation and control
- Environmental engineering
- Piping and layouts
- Dynamic equipment
- Electrical installations and energy efficiency
- Civil and structural
- Thermal and energy efficiency
- Static materials and equipment
- Industrial safety
- Digital models and engineering information



Juan A. Monterroso

Director of Engineering

Teresa Benítez

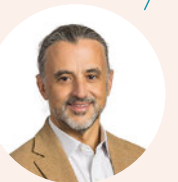
Senior Process Manager

- Conventional fuels, refining, and energy efficiency
- Biofuels
- Waste to fuels and synthetic fuels
- Hydrogen and carbon capture
- Technical olefins and polyolefins
- Circularity and waste-to-plastics
- POSM and polyols



Mª José Castro

Safety and Environment (S&E) Manager



Manuel Segura

Director of Engineering Projects

- Projects
- Construction



Mª José Castro
Safety and Environment
(S&E) Manager



Antonio Gómez
S&E Technician



Patricia Alonso
Technical Director



David Martín
Instrumentation and
Control Manager



Marcos Berges
I&C
Engineer



Aisha Bessegmar
Process
Engineer



Álvaro Castro
Senior I&C
Engineer



José Contreras
I&C
Engineering Advisor



Mª Isabel Giménez
Senior I&C
Engineer



Raúl Malavia
Senior I&C
Engineer



Mª Ángeles Martín
I&C
Engineering Advisor



Roberto Martín
Senior I&C
Engineer



Susana Martínez
Senior I&C
Engineer



Carlos Zubiela
Senior I&C
Engineer



Raquel Rodríguez
Environmental
Engineering Manager



Mª Concepción de Ibarra
Senior Environmental
Engineer



Pablo García
Environmental
Engineer



Pilar M. Peñuela
Environmental
Engineer



Alberto Pulido
Environmental
Engineer



Elías Bahachille
Piping and Layouts
(P&L) Manager



Marta García
P&L Engineer



Carlos Suanzes
P&L Engineer



Manuel Vázquez
P&L Engineer



Manuel García
Thermal and Energy Efficiency
Engineering Manager



Laura Cuadrado
Senior Thermal and Energy
Efficiency Engineer



Alberto Escobar
Senior Thermal and Energy
Efficiency Engineer



Blanca Rodríguez
Senior Thermal and Energy
Efficiency Engineer



Almudena Travesí
Senior Thermal and Energy
Efficiency Engineer



Mª José Yanes
Materials Engineering and
Static Equipment Manager



Irene García
Senior Materials and
Static Equipment
Engineer



Concepción Laborda
Senior Materials and
Static Equipment
Engineer



Sebastien Lardy
Civil and Structural
Engineering Manager



Alberto García
Civil and Structural
Engineer



César L. Fernández
Dynamic Equipment
Engineering Manager



María Gutiérrez
Senior Dynamic
Equipment Engineer



Pedro Izquierdo
Senior Dynamic
Equipment Engineer



Marta Mª López
Dynamic Equipment
Engineering Advisor



Juan L. Mulero
Dynamic Equipment
Engineer



Alberto Pettenati
Senior Dynamic
Equipment Engineer



Fernando Antuña
Industrial Safety Manager



Gonzalo León
Senior Industrial
Safety Engineer



Laura García
Senior Industrial
Safety Engineer



María González
Industrial Safety
Engineer



Javier Reviejo
Senior Industrial
Safety Engineer



Luciano Santiago
Electrical Installations
and Energy Efficiency
Engineering Manager



Carlos Berenguer
Electrical Installations
and Energy Efficiency
Engineering Advisor



José D. Campos
Senior Electrical Installations
and Energy Efficiency Engineer



Rafael Méndez
Electrical Installations and
Energy Efficiency Engineer



Paloma Orsikowsky
Senior Electrical Installations
and Energy Efficiency Engineer



Ricardo Relaño
Electrical Installations and
Energy Efficiency Engineer



Rebeca Camarero
Information Engineering
and Digital Models Manager



Laura Campillo
S&D Technician



David García
3D Mockups and Digital
Models Engineer



Estefanía Leo
S&D Technician



Santos Sevilla
Model Management
Technician



Teresa Benítez
Senior Process Manager



Ascensión Espínola
Process Manager



Stephane Orreindy
Process Manager



Fátima Ortiz
Process Manager



María Sierra
Process Manager



Noelia Alonso
Process
Engineer



Mª Carmen Areses
Senior Process
Engineer, Ecoplanta



Cristina Barqueros
Process
Engineer



Alejandro Becerra
Senior Process
Engineer



Paula de Antonio
Process
Engineer



Juan E. Cermeño
Senior Process
Engineer



Mª Carmen Echeverría
Senior Process
Engineer



Esther Gonell
Senior Process
Engineer



Lucía Hernández
Senior Process
Engineer



Mª José Hernández
Senior Process
Engineer



Sara Jiménez
Senior Process
Engineer



Coral Juárez
Process
Engineer



Carmen Leira
Senior Process
Engineer



Kevin Martínez
Process
Engineer



Eduardo A. Merino
Senior Process
Engineer



Irene Martín
Process
Engineer



Miguel A. Nuevo
Process
Engineer



Sonsoles Pardo
Senior Process
Engineer



Yovanca Pedrero
Senior Process
Engineer



Laura Reyero
Senior Process
Engineer



Miguel Á. Romero
Senior Process
Engineer



Susana Ronda
Processes
Administrative
Assistant



Mario Salcedo
Senior Process
Engineer

ENGINEERING DIVISION



Marta Camacho
Director of Support and
Non-Operated Projects



Patricia Galiano
Procurement and
Contracts Manager



Miriam Barbero
Senior Bulk Material
Manager



Miguel Cremades
Engineering Contracts
and Claims Manager



Peter González-Cambior
Senior Bulk Material
Manager



Nani Fernández
Engineering Contracts
and Claims Manager



Raquel Marcos
Bulk Material
Manager



Luis F. Mateo
Construction Contracts
Manager



Almudena Gómez
Senior Special Purpose
Equipment Manager



Juan J. Fuentes
Construction Contracts
Manager



Rocío González
Senior Special Purpose
Equipment Manager



Daniela Montilla
Senior Construction
Contracts Manager



Miguel Muñoz
Senior Special Purpose
Equipment Manager



Rebeca García
Billing Specialist



Mª Carmen Santiago
Support Administrative
Assistant



Margarita Menéndez
Senior Billing Manager



Mª José Nieto
Performance Manager



Adolfo Arroyo
Senior Performance
Manager



Mª Rosa Chorén
Performance
Administrative Assistant



Carlos García-Siñeriz
Senior Estimates and
Programming Manager



María Corpas
Estimates
Engineering Advisor



Ignacio Mancha
Senior Programming
and QC Engineer



Alberto Freijanes
Estimates
Engineering Advisor



Pedro Á. Menchén
Senior Programming
and QC Engineer



Christian Jiménez
Senior Estimates
Engineer



Isaac Molinero
Senior Programming
and QC Engineer



Pedro Jiménez
Senior Estimates
Engineer



José M. Mulas
Programming and QC
Engineering Advisor



Irene Revuelta
Estimates
Engineer



José Pérez
Senior Programming
and QC Engineer



Ana Sánchez
Senior Estimates
Engineer



Marta Honduvilla
Non-Operated Projects
and Activation Manager



Ana L. García
Supply Activation
Manager



Carolina Nieto
Supply Activation
Administrative Assistant



Javier Andrade
Engineering Data Analytics
& Transformation



Paula González
Data Analytics
Engineer



Eva López
Data Analytics
Engineer



Cristina Miralles
Supplier and Resource Prospection
and Development Manager



Manuel Segura
Director of
Engineering Projects



Valérie Bex
Project Manager



Juan D. Callejón
Senior Project
Manager



Jesús Carrasco
Project Manager



Mª Teodora Escuadra
Project Manager



Juan P. Fernández
Senior Project
Engineer



Manuel Fernández
Project Manager



Sofía Fernández
Project Engineer



Pablo N. Fontenla
Project Engineer



Roberto Iglesias
Project Manager



Pedro A. Lietor
Project Manager



Mario Luján
Senior Project
Engineer



Luis M. Mármol
Project Manager



César Marqués
Project Manager



Isabel Martín
Jefa Proyectos



Miguel Á. Martín
Project Manager



José L. Martínez
Project Manager



Concepción Montero
Project Manager



Sofía Núñez
Senior Project
Engineer



Paula Ocaña
Senior Project
Engineer



Laura Olmedo
Project Engineer



Javier Ortiz de Landázuri
Project Manager



Clara Pérez
Senior Project
Engineer



Marta Pérez
Project Engineer



Yolanda Renuncio
Projects and Construction
Administrative Assistant



Cristina Requejo
Project Engineer



Francisco J. Sánchez
Project Manager



Ignacio Steinberg
Project Manager



Santos Suárez
Project Manager



Milagros Trillo
Project Manager



Jesús Urbán
Senior Manager,
Ecoplanta Project



Diego García
Senior Construction Manager



Carlos Alcántara
Senior
Construction
Engineer



Aitor Aldea
Construction
Engineer



Eva Mª Álvaro
Construction
Manager



Luis Blanco
Senior
Construction
Engineer



Juan J. Casanova
Senior
Construction
Engineer



Lola Casatejada
Senior
Construction
Engineer



Enrique Castelos
Senior
Construction
Engineer



Ester Comas
Senior
Construction
Engineer



Juan Conesa
Senior
Construction
Engineer



Ciro Devesa
Construction
Engineer



José Fernández
Construction
Manager



Raúl Ferreiro
Construction
Manager



Mónica González
Senior
Construction
Engineer



Ángel Marcos
Senior
Construction
Engineer



Jon Martínez
Construction
Manager



José Morales
Senior
Construction
Engineer



Miguel Pérez
Senior
Construction
Engineer



Gustavo Prieto
Senior
Construction
Engineer



Jesús Serrano
Senior
Construction
Engineer



Genaro Verdejo
Construction
Engineer



Daniel Zubiela
Construction
Manager



Rubén Zueco
Senior
Construction
Engineer

What defines us?

dedication and
commitment
courage
taking challenges
innovation
(new solutions)
effort
integrity
talent and **ingenuity**
method
and
rigor
cutting-edge
processes and
technologies
technical
background
**technical
experts**
experience **care**
service vocation challenge
professionals oriented
prestigious multi-skilled strong **team** **achievement** **efficiency**
commitment **curiosity** willingness **in-depth
knowledge**



Engineering Division