



In summary

TECHINT
Engineering & Construction

We provide **project management, engineering, supplies, construction and operation services** at an international scale. We **develop BOT projects** with financing.

We understand the needs of our customers from the **Oil & Gas, energy, mining, infrastructure and industrial markets**, and provide customized solutions accordingly.

We add value to our ventures thanks to an **innovative** approach, a **global vision**, and a **local presence**.

We have a **strong commitment to people's safety and environmental protection** and meet the **most demanding quality standards**.

A reliable partner for project execution

Data as of February 2023



+75

years of global
experience.



+3.500

projects completed
successfully around
the world.



1,9

Million hours per year
of engineering capacity.



+23.000

Employees.

We deliver results

(*) Between projects developed totally or partially by Techint E&C

+550

Completed projects in the energy sector.

+600

Projects in the Downstream and Petrochemical sectors. (*)

+900

Projects undertaken in the Oil & Gas sector. (*)

+14,000

Megawatts installed in combined cycle power plants. (*)

+550

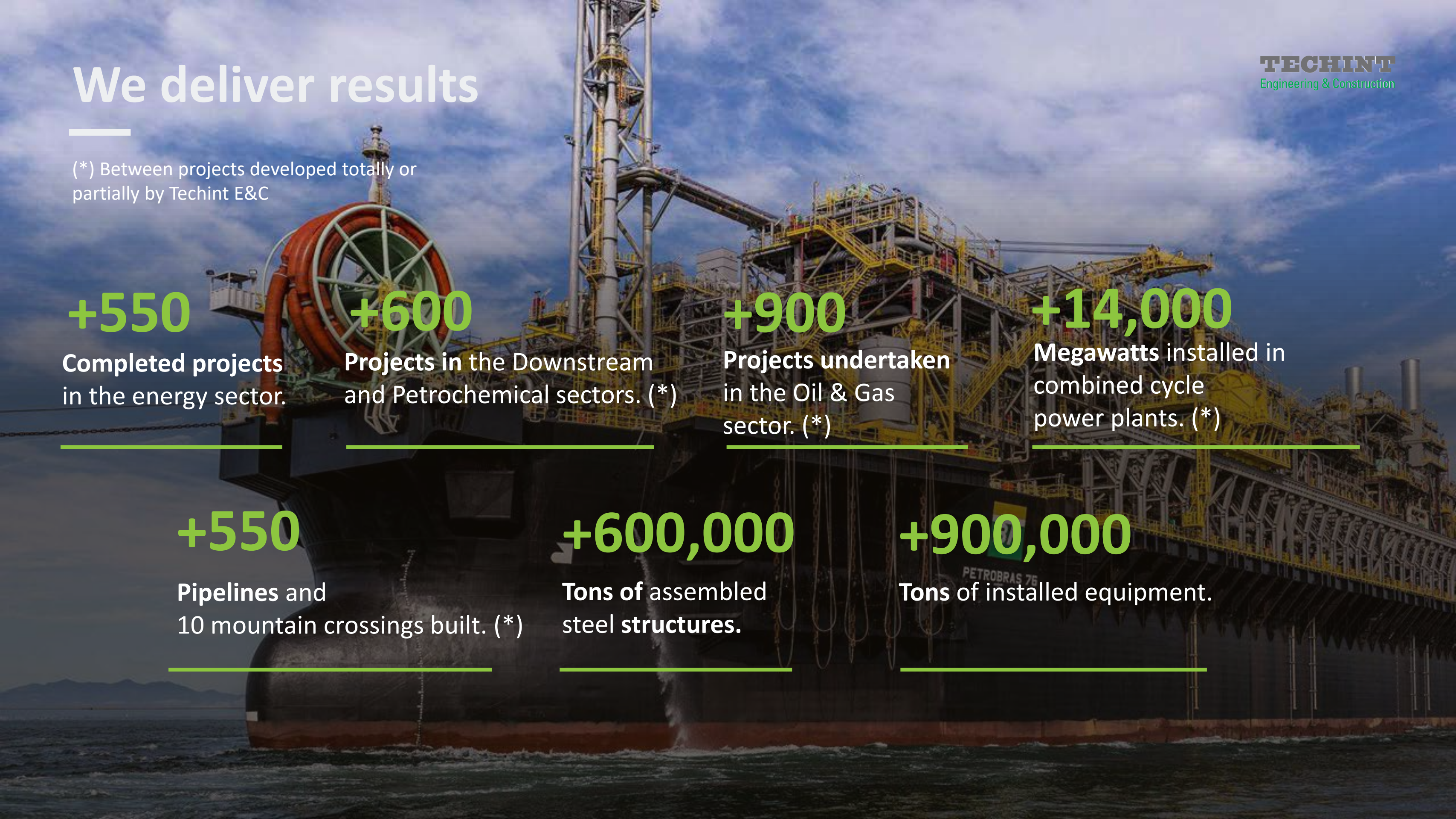
Pipelines and 10 mountain crossings built. (*)

+600,000

Tons of assembled steel structures.

+900,000






Tons of installed equipment.



International scope | Local partner



References

-  Engineering centers
-  Regional offices
-  Sales and operational centers
-  Offshore Unit
-  Equipment Management Parks

Preventive Management



Single Integrated Management System.



We are committed in achieving the goal of zero deviations thanks to active **guidance**.



Environmental protection programs and technical sustainability solutions.

Certifications



Quality Management
ISO 9001:2015



Environmental Management
ISO 14001:2015



Occupational Health and Safety at Work
ISO 45001:2018



Energy Management Systems ISO
50001:2018

Management Manual.

Management Policy.

Preventive Management Plan.

Implementation.

Audits, Inspections and Monitoring.

Revision and continuous improvement.

Committed to sustainability in quality, health and safety, energy management and the environment.

Through our work we assure people's safety and protect the environment.

Standardization, process predictability and Knowledge Management are Core Values in achieving efficient products and services.

Social responsibility is the key in all our projects ensuring sustainable development and respecting the communities around.

Commitment to safety, quality and the environment



Clear and effective management leadership

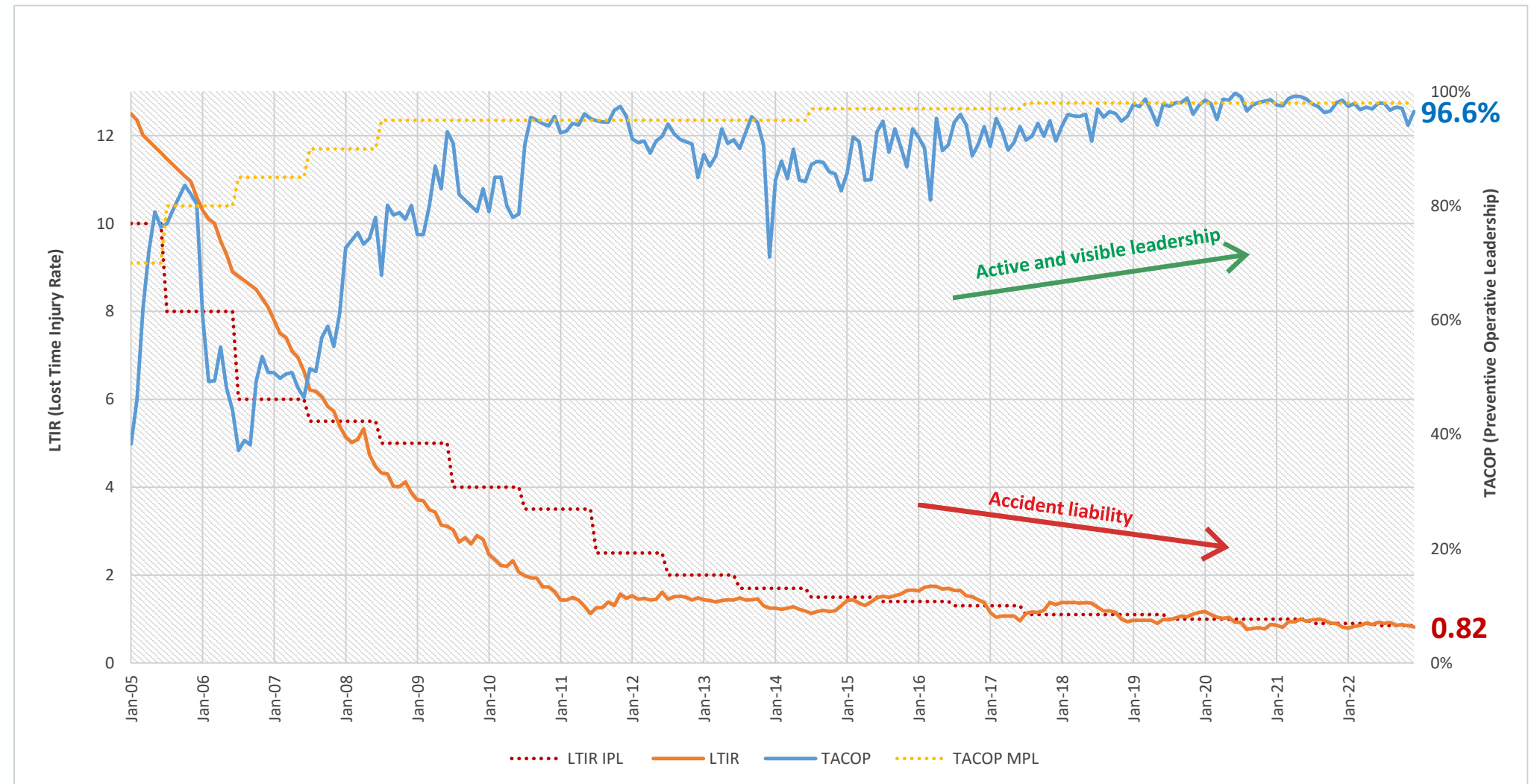


A behavioral system based on people's dedication



Sustainability, efficiency and environmental management

Preventive indicators



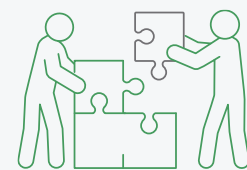
Our actions are enshrined in the principles of Integrity, Transparency and Business Ethics

Our Business Conduct Compliance Program involves our personnel as well as our partners, suppliers and subcontractors.



Our Code of Conduct

regulates our relationship with employees, partners, customers, suppliers and third parties.



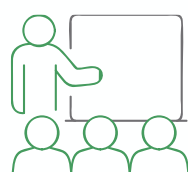
Our Business Conduct Policy

focuses on the risks of bribery, specific procedures for third party evaluation and rules for interaction with the public sector (donations, gifts and other attentions, etc.).

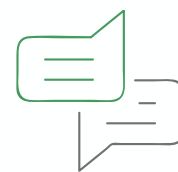


The Business Conduct Compliance Program

ensures a culture of respect for ethical business principles and different anti-corruption regulations.



Permanent personnel training
in ethics and compliance.



Whistleblower channel

Anonymous, confidential and fully accessible (whether by phone, mail or internet) for employees and third parties.



Continuous monitoring

by the Business Conduct Compliance and Internal Audit departments.



Rigorous international standards

regulate corporate governance, financial reporting and disclosure of information.

Our most valuable asset is our people



An experienced and multicultural team with a structured knowledge transmission program.



Young Professionals Program: +3.400 university students have participated since 1983.



Continuous training programs: +380.000 hours a year.



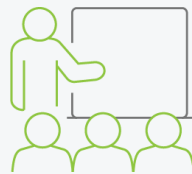
A working environment that values initiative, **teamwork and professional growth.**

Techint is all about its human capital



+2,36 million

hours of engineering capacity
in 2022.



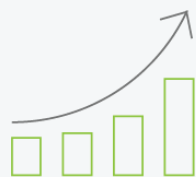
+380.000 hours

of training.



+23.000

employees in 2022.

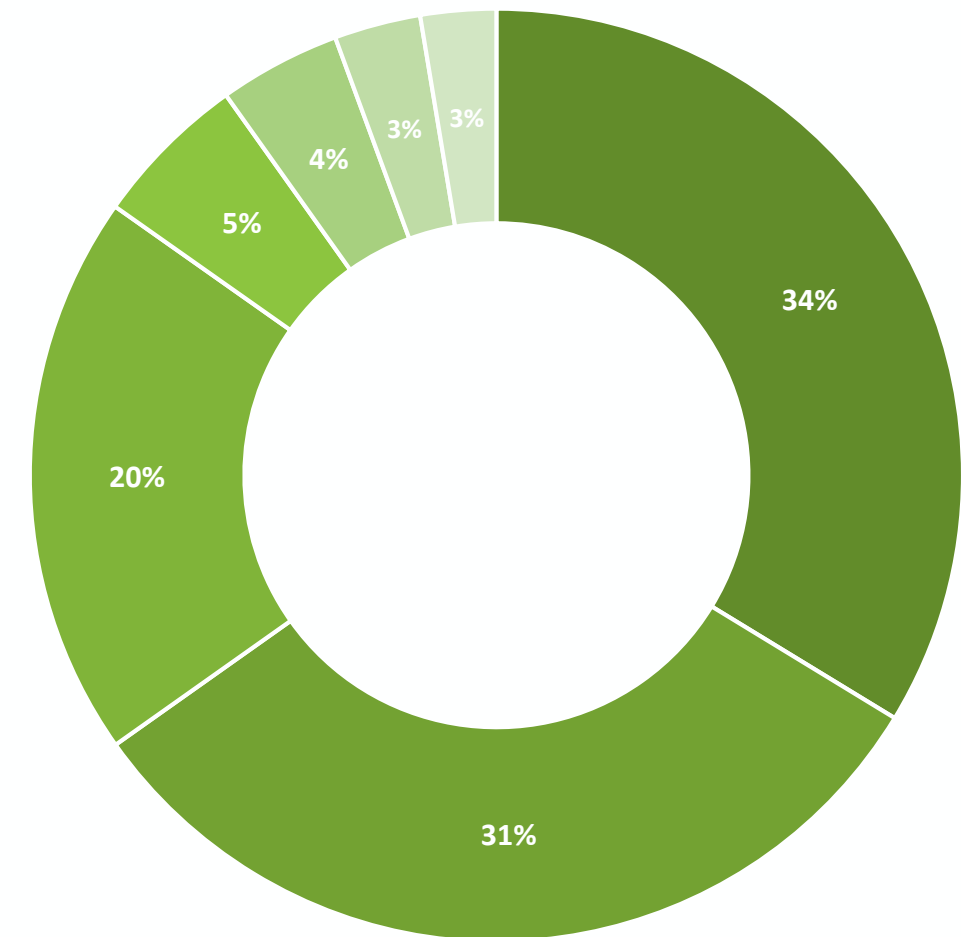


+13.800

new hires in 2022.

Percentage of employees by country

- Argentina (34%)
- México (31%)
- Chile (20%)
- Ecuador (5%)
- Brasil (4%)
- Perú (3%)
- Other (3%)



We promote the development of the communities where we operate

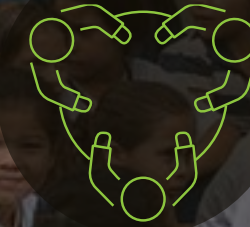
TECHINT
Engineering & Construction



Our conviction is that the industry **contributes to sustainable growth and community development** with a long-term view.



Education is the main focus of our actions: secondary and university scholarships, volunteering in schools and support to universities.



We support cultural activities focused on **excellence, diversity and integration.**

Innovation in Engineering and Construction



- ✓ Safety & Environment
- ✓ Competitiveness
- ✓ Differentiation



2022 Achievements

74 ideas received.

28 initiatives in development.

19 high impact initiatives.



High-impact projects developed

Digital site with mobile apps.

Digitalization of processes and systems integration.

Advanced site connectivity.

Automation and robotics for construction tasks.

Drones for construction activities.

BIM solutions for plants and pipeline projects.

Renewable energy for construction sites.

RPA and Machine Learning.

Engineering solutions tailored to each project

Feasibility studies
and cost estimates

Conceptual
engineering

Basic engineering
and FEED

Value
engineering

Debottlenecking
and revamping studies

Detail
engineering

Modularized
projects


Management of
engineering projects


Precommissioning and commissioning
services and plant start-up


Construction
assistance





Engineering centers


 Buenos Aires/Neuquen, **Argentina**


 Mexico City/Monterrey, **Mexico**

 Milan, **Italy**

 Mumbai, **India**

 Quito, **Ecuador**

 Seville, **Spain**

 San Pablo, **Brazil**

Experienced personnel

with specific knowledge in different regional areas.

Engineering teams at the projects

made up of Senior Staff and Young Professionals.

World class services

carried out according to the highest engineering standards and with the ability to integrate **management procedures**.

Shared software licenses

as well as lessons learned in **global databases**.

Engineering Specialties



1172

permanent employees



1,9

million engineering capacity hours per year



5%

engineering hours invested in research & development.

29% Mechanical equipment and pipelines.

25% Electric, instrumentation and control, and Power Plants.

21% Civil, architecture and Steel structure.

11% Processes and HSE.

12% Management and Engineering Coordination.

2% Steel and mining plants.

Value added through Supplies

Comprehensive management of Purchases, Inspection, Activation, Logistics and Imports.

Extensive suppliers base with more than 60,000 assets. Strategic agreements with key manufacturers.

Professional experts in the field, distributed throughout multiple countries.

Ad-hoc IT tools, automating management, controls and reports.

International experience in various market segments.

Synergies with Exiros, the Ternium and Tenaris procurement agent and part of the Techint Group.

Processes and Procedures under high standards of quality, integrity and transparency.

Comprehensive solutions for EPC projects

Experience in constructibility solutions which meet deadlines and cost requirements under the most challenging conditions.

Knowledge management: solid process to exchange lessons learned.

Techint Offshore Unit: construction and integration of equipment, modules, and jackets for offshore projects.

Efficiency in project control and updated project management tools (PMI Certification).

Operation and Maintenance Services

For O&G projects, industrial plants and mining, Techint E&C provides:

Maintenance of pipelines and plants.

Facilities management.

Operational support.

Improved asset performance.

Operational completion.

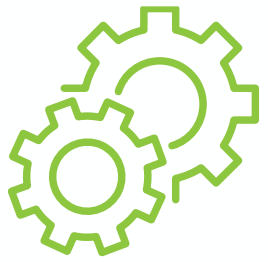
Pre-commissioning and commissioning.

BOT and BOOT projects

Benefits for the client:

Reduction in operational costs, increase in productivity and preservation of the value of the investment.

Equipment management and maintenance



We supply the equipment required by projects in different countries, ensuring **mechanical availability**, and we plan and carry out **corrective, preventive and predictive maintenance**.

6 Equipment Management Yards

in Argentina, Brazil, Chile, Mexico, Peru and Uruguay.

+2700 own pieces of machinery

for earthworks, work with pipes, and hoists.

Market segments

☞ Click on the market segments for more information

Energy

Oil & Gas

Downstream
& Petrochemical
Plants

Mining

Civil Infrastructure
Works

Industrial
Plants



1/Energy

GENERATION

TRANSMISSION



Open cycle power plants



Combined cycle power plants



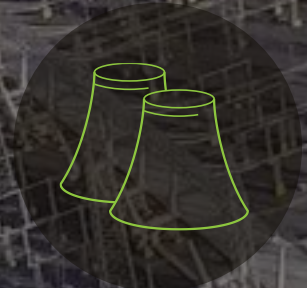
Transmission lines



Transformer stations



Cogeneration plants



Nuclear facilities

01 | NORTE III COMBINED CYCLE
POWER PLANT

02 | PESQUERÍA POWER
PLANT

03 | SOUTH HELWAN
SUPERCRITICAL THERMO-
ELECTRIC POWER PLANT

04 | GENELBA PLUS
COMBINED CYCLE POWER
PLANT

05 | ATUCHA II NUCLEAR
POWER PLANT

06 | REFINERÍA DOS BOCAS

NORTE III COMBINED CYCLE POWER PLANT

COSTUMER:
AJNIII

COUNTRY:
Mexico

SCOPE:
EPC

COMPLETION:
2020

DESCRIPTION:
Construction and operation, for a period of 25 years, of a Combined Cycle Power Plant consisting of two 2TGx1TV modules with a guaranteed minimum net power of 907 MW and a Heat Rate of 6,369 kJ/kWh.

01 | NORTE III COMBINED CYCLE
POWER PLANT

02 | PESQUERÍA POWER
PLANT

03 | SOUTH HELWAN
SUPERCRITICAL THERMO-
ELECTRIC POWER PLANT

04 | GENELBA PLUS
COMBINED CYCLE POWER
PLANT

05 | ATUCHA II NUCLEAR
POWER PLANT

06 | REFINERÍA DOS BOCAS

PESQUERÍA POWER PLANT [900MW]

CUSTOMER:
Techgen

COUNTRY:
Mexico

SCOPE:
EPC

COMPLETION:
2015

DESCRIPTION:
Combined cycle power generation with a capacity of 900 MW and a configuration of three gas turbines.

01 | NORTE III COMBINED CYCLE
POWER PLANT

02 | PESQUERÍA POWER
PLANT

03 | SOUTH HELWAN
SUPERCRITICAL THERMO-
ELECTRIC POWER PLANT

04 | GENELBA PLUS
COMBINED CYCLE POWER
PLANT

05 | ATUCHA II NUCLEAR
POWER PLANT

06 | REFINERÍA DOS BOCAS PLANT

SOUTH HELWAN SUPERCRITICAL THERMOELECTRIC POWER PLANT [650MW]

CUSTOMER:

Upper Egypt Electricity
Production Company;
Egyptian Electricity
Holding Company

COUNTRY:

Egypt

SCOPE:

EPC

COMPLETION:

2018

DESCRIPTION:

EPC services for the auxiliary systems (Plant Balance) of the oil- and gas-fueled Supercritical Thermolectric Power Plant. Work includes installing three steam generation boilers, operated by 3 steam turbines with a generation capacity of 650 MW each.

01 | NORTE III COMBINED CYCLE
POWER PLANT

02 | PESQUERÍA POWER
PLANT

03 | SOUTH HELWAN
SUPERCRITICAL THERMO-
ELECTRIC POWER PLANT

04 | GENELBA PLUS
COMBINED CYCLE POWER
PLANT

05 | ATUCHA II NUCLEAR
POWER PLANT

06 | REFINERÍA DOS BOCAS

GENELBA PLUS COMBINED CYCLE POWER PLANT [360MW]

CUSTOMER:
Pampa Energy

COUNTRY:
Argentina

SCOPE:
EPC

COMPLETION:
2020

DESCRIPTION:
Expansion of the GENELBA Thermoelectric Power Plant, taking the existing 169 MW gas turbine to a 2+1 combined cycle configuration with a thermal design power of 360 MW.

Project highlights | Energy

01 | NORTE III COMBINED CYCLE
POWER PLANT

02 | PESQUERÍA POWER
PLANT

03 | SOUTH HELWAN
SUPERCRITICAL THERMO-
ELECTRIC POWER PLANT

04 | GENELBA PLUS
COMBINED CYCLE POWER
PLANT

05 | **ATUPLANTCHA II NUCLEAR
POWER**

06 | REFINERÍA DOS BOCAS

ATUCHA II NUCLEAR POWER PLANT [700MW]

CUSTOMER:

Nucleoelectrica
Argentina

COUNTRY:

Argentina

SCOPE:

EC

COMPLETION:

1992

DESCRIPTION:

Mechanical assembly for the auxiliary reactor building (UKA Building).

01 | NORTE III COMBINED CYCLE
POWER PLANT

02 | PESQUERÍA POWER
PLANT

03 | SOUTH HELWAN
SUPERCRITICAL THERMO-
ELECTRIC POWER PLANT

04 | GENELBA PLUS
COMBINED CYCLE POWER
PLANT

05 | ATUCHA II NUCLEAR
POWER PLANT

06 | **REFINERÍA DOS BOCAS**

REFINERÍA DOS BOCAS

CUSTOMER:
PTI-ID

COUNTRY:
México

SCOPE:
EPC

COMPLETION:
2023

DESCRIPTION:

Construction of processing plants and auxiliary services framed in two major areas: Cogeneration Power Plant and Main Refinery. Being the first refinery that Pemex builds after 40 years, in order to achieve self-sufficiency in the production of gasoline and diesel to improve their prices.

01 | P-76 OFFSHORE PLATFORM

02 | CAMISEA GAS PIPELINE

03 | FORTÍN DE PIEDRA –
VACA MUERTA

04 | AUCA - SHUSHUFINDI

05 | DUNKIRK LNG
REGASIFICATION TERMINAL

06 | GASODUCTO PRESENDINTE
NESTOR KIRCHNER

P-76 OFFSHORE PLATFORM

CUSTOMER:
Petrobras

COUNTRY:
Brazil

SCOPE:
EPC

COMPLETION:
2018

DESCRIPTION:
EPC, integration and commissioning modules for FPSO P-76 (floating production storage and offloading). The platform has a daily processing capacity of 150,000 boed and can compress up to 7 million m3/day of gas.

01 | P-76 OFFSHORE PLATFORM

02 | CAMISEA GAS PIPELINE

03 | FORTÍN DE PIEDRA –
VACA MUERTA

04 | AUCA - SHUSHUFINDI

05 | DUNKIRK LNG
REGASIFICATION TERMINAL

06 | GASODUCTO PRESENDINTE
NESTOR KIRCHNER

CAMISEA GAS PIPELINE

CUSTOMER:

Transportadora
de Gas del Perú

COUNTRY:

Peru

SCOPE:

EPC

COMPLETION:

2004

DESCRIPTION:

The System involves a 730 km-Natural Gas pipeline and a parallel Natural Gas Liquids pipeline of 560 km, as well as four pumping stations and two pressure reducing stations, a SCADA and communications system, and a city gate in Lima.

Projects highlights | Oil & Gas

TECHINT
Engineering & Construction

01 | OFFSHORE PLATFORM P-76

02 | CAMISEA GAS PIPELINE

03 | FORTIN DE PIEDRA -
VACA MUERTA

04 | AUCA - SHUSHUFINDI

05 | DUNKIRK LNG
REGASIFICATION TERMINAL

06 | AUCA - SHUSHUFINDI

FORTIN DE PIEDRA - VACA MUERTA

CUSTOMER:

Tecpetrol

COUNTRY:

Argentina

SCOPE:

EPC

COMPLETION:

2020

DESCRIPTION:

Design and construction of facilities to drill, treat and transport the gas produced. These works enable the processing of 17.5 MM m³/day.

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Projects highlights | Oil & Gas

TECHINT
Engineering & Construction

01 | P-76 OFFSHORE PLATFORM

02 | CAMISEA GAS PIPELINE

03 | FORTÍN DE PIEDRA –
VACA MUERTA

04 | AUCA - SHUSHUFINDI

05 | DUNKIRK LNG
REGASIFICATION TERMINAL

06 | GASODUCTO PRESENDINTE
NESTOR KIRCHNER



AUCA - SHUSHUFINDI

CUSTOMER:
Schlumberger

COUNTRY:
Ecuador

SCOPE:
EPC

COMPLETION:
2024

DESCRIPTION:
Provision of engineering services, materials procurement and equipment to construct and expand platforms and facilities for entering drill bits for drilling and work over, and to build and lay the oil optimization flow lines and electricity lines in Blocks 61 and 57.

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Projects highlights | Oil & Gas

TECHINT
Engineering & Construction

01 | P-76 OFFSHORE PLATFORM

02 | CAMISEA GAS PIPELINE

03 | FORTÍN DE PIEDRA –
VACA MUERTA

04 | AUCA - SHUSHUFINDI

05 | **DUNKIRK LNG
REGASIFICATION TERMINAL**

06 | GASODUCTO PRESENDINTE
NESTOR KIRCHNER

DUNKIRK LNG REGASIFICATION TERMINAL

CUSTOMER:

Électricité
de France

COUNTRY:

France

SCOPE:

EPC

COMPLETION:

2016

DESCRIPTION:

LNG regasification terminal with a dispatch capacity of
13 billion m³/year.

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Projects highlights | Oil & Gas

TECHINT
Engineering & Construction

01 | P-76 OFFSHORE PLATFORM

02 | CAMISEA GAS PIPELINE

03 | FORTÍN DE PIEDRA –
VACA MUERTA

04 | AUCA - SHUSHUFINDI

05 | DUNKIRK LNG
REGASIFICATION TERMINAL

06 | GASODUCTO PRESENDINTE
NESTOR KIRCHNER

GASODUCTO PRESIDENTE NESTOR KIRCHNER

CUSTOMER:
ENARSA

COUNTRY:
Argentina

SCOPE:
EPC

COMPLETION:
2023

DESCRIPTION:
EPC services for the execution of the main pipeline, measuring 542 km and Ø36" in diameter, crossing the provinces of Neuquén, Río Negro, La Pampa and Buenos Aires.. Joint venture: 50% TEIC–50% SACDE.

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Project highlights | *Downstream and Petrochemical Plants*

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Engineering & Construction

01 | RIO DE JANEIRO PETROCHEMICAL COMPLEX - COMPERJ

02 | MODERNIZATION OF HOUT CRUDE FACILITIES

03 | PROFERTIL FERTILIZER PLANT

RIO DE JANEIRO PETROCHEMICAL COMPLEX – COMPERJ

CUSTOMER:

Petrobras

COUNTRY:

Brazil

SCOPE:

EPC

COMPLETION:

2016

DESCRIPTION:

Building the installations for a delayed coker unit, coke management and storage yard, and electrical substations units at the Rio de Janeiro Petrochemical Complex.

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Project highlights | *Downstream and Petrochemical Plants*

TECHINT
Engineering & Construction

01 | RIO DE JANEIRO PETROCHEMICAL COMPLEX - COMPERJ

02 | MODERNIZATION OF HOUT CRUDE FACILITIES

03 | PROFERTIL FERTILIZER PLANT



MODERNIZATION OF HOUT CRUDE FACILITIES

CUSTOMER:

KJO (Joint Operations of AGOC and KGOC)

COUNTRY:

Saudi Arabia

SCOPE:

EPC

COMPLETION:

2016

DESCRIPTION:

Upgrading the Hout crude oil facilities.

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Project highlights | *Downstream and Petrochemical Plants*

TECHINT
Engineering & Construction

01 | RIO DE JANEIRO PETROCHEMICAL COMPLEX - COMPERJ

02 | MODERNIZATION OF HOUT CRUDE FACILITIES

03 | PROFERTIL FERTILIZER PLANT

PROFERTIL FERTILIZER PLANT

CUSTOMER:

Profertil

COUNTRY:

Argentina

SCOPE:

EPC

COMPLETION:

2001

DESCRIPTION:

Fertilizer plant with an Ammonia production of 2,050 tons/day, Urea production of 3,250 tons/day and two Urea granulation plants of 1,850 tons/day.

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Continue with the presentation →

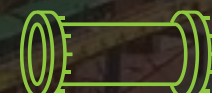
4/Mining



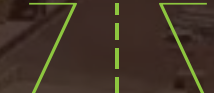
Mineral processing plants



Industrial buildings and structures



Fluids handling and transport system



Civil works (including access roads and ports)



Off-site infrastructure



Materials handling systems



Maintenance services

01 | EXPANSION OF WATER SUPPLY AT MINERA ESCONDIDA COPPER MINE

02 | LOS BRONCES IV

03 | COLLAHUASI (C20+)

04 | QUEBRADA BLANCA 2

05 | S11D FERRO-CARAJÁS PROJECT

06 | PASCUA LAMA PROJECT

EXPANSION OF WATER SUPPLY AT MINERA ESCONDIDA COPPER MINE

CUSTOMER:

Minera Escondida

COUNTRY:

Chile

SCOPE:

C

COMPLETION:

2016

DESCRIPTION:

Construction of two separate 42"-diameter underground aqueducts from Coloso to the mine of 178 km in length. Construction and laying three 18 km-pipes of varying diameters (36", 24", 20" and 14") to distribute water within the mine's facilities.

Project highlights | Mining

TECHINT
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01 | EXPANSION OF WATER
SUPPLY AT MINERA ESCONDIDA
COPPER MINE

02 | **LOS BRONCES IV**

03 | COLLAHUASI (C20+)

04 | QUEBRADA BLANCA 2

05 | S11D FERRO-CARAJÁS
PROJECT

06 | PASCUA LAMA PROJECT



LOS BRONCES IV

CUSTOMER:
Anglo American

COUNTRY:
Chile

SCOPE:
C

COMPLETION:
2023

DESCRIPTION:
Open pit copper and molybdenum mine located in the Andean area of Lo Barnechea, in the Metropolitan Region, Chile. The mine began operations in 1867. Today, ownership is shared among Anglo American PLC (50.1%), JV Codelco-Mitsui (29.5%) and Mitsubishi Corp (20.4%).

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Project highlights | Mining

TECHINT
Engineering & Construction

01 | EXPANSION OF WATER
SUPPLY AT MINERA ESCONDIDA
COPPER MINE

02 | LOS BRONCES IV

03 | **COLLAHUASI (C20+)**

04 | QUEBRADA BLANCA 2

05 | S11D FERRO-CARAJÁS
PROJECT

06 | PASCUA LAMA PROJECT

COLLAHUASI (C20+)

CUSTOMER:

Doña Inés de Collahuasi
SCM

COUNTRY:

Chile

SCOPE:

EPC

COMPLETION:

2025

DESCRIPTION:

Located in the commune of Pica, in the Tarapacá Region, Chile. The mine extracts and produces copper concentrate and cathodes, as well as molybdenum concentrate. Collahuasi is the third largest copper mine in the world and will give the deposit an additional 20 years of useful life.

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Project highlights | Mining

TECHINT
Engineering & Construction

01 | EXPANSION OF WATER
SUPPLY AT MINERA ESCONDIDA
COPPER MINE

02 | LOS BRONCES IV

03 | COLLAHUASI (C20+)

04 | QUEBRADA BLANCA 2

05 | S11D FERRO-CARAJÁS
PROJECT

06 | PASCUA LAMA PROJECT



QUEBRADA BLANCA 2

CUSTOMER:

Teck

COUNTRY:

Chile

SCOPE:

C

COMPLETION:

2023

DESCRIPTION:

In the Tarapacá region of Chile the works include the construction of 330 km of pipelines to transport desalinated water and copper concentrate, connecting the water extraction facility at sea level with the mine.

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01 | EXPANSION OF WATER
SUPPLY AT MINERA ESCONDIDA
COPPER MINE

02 | LOS BRONCES IV

03 | COLLAHUASI (C20+)

04 | QUEBRADA BLANCA 2

05 | S11D FERRO-CARAJÁS
PROJECT

06 | PASCUA LAMA PROJECT

S11D FERRO-CARAJÁS PROJECT

CUSTOMER:

Vale

COUNTRY:

Brazil

SCOPE:

C

COMPLETION:

2018

DESCRIPTION:

Construction and electromechanical assembly of Truckless Mining System, to replace the conventional transportation system using off-road mining trucks. Building and assembling the structures and mechanical equipment for the conveyor belts system over a total of 31.3 km, of which 7.3 km are over land.

01 | EXPANSION OF WATER
SUPPLY AT MINERA ESCONDIDA
COPPER MINE

02 | LOS BRONCES IV

03 | COLLAHUASI (C20+)

04 | QUEBRADA BLANCA 2

05 | S11D FERRO-CARAJÁS
PROJECT

06 | PASCUA LAMA PROJECT

PASCUA LAMA PROJECT

CUSTOMER:

Barrick

COUNTRY:

Argentina & Chile

SCOPE:

EPC

COMPLETION:

2011

DESCRIPTION:

Construction for the development of the Pascua Lama Mine on the border between Chile (Pascua) and Argentina (Lama) at an altitude ranging between 3,800 and 5,200 mamsl. This is a Greenfield project and also the world's first binational mining enterprise.

Project highlights | Civil Infrastructure Works

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01 | **PUNTA NEGRA HYDROELECTRIC DAM**

02 | EXTENSION OF THE BUENOS AIRES "H"
SUBWAY LINE

03 | EL TAMBOLAR I HYDROELECTRIC PROJECT

04 | GENERAL BELGRANO RAILWAY RECOVERY
AND REPAIR PROJECT



PUNTA NEGRA HYDROELECTRIC DAM

CUSTOMER:

Energía Provisional
Sociedad del Estado
(San Juan)

COUNTRY:

Argentina

SCOPE:

EPC

COMPLETION:

2016

DESCRIPTION:

Multipurpose hydroelectric concrete-face rock-fill dam on the San Juan River to generate electric power, regulate water flow and expand local irrigation capacity. Dam of 128m in height, and a power station with 2 Francis turbines of 32.5 MW each.

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Project highlights | Civil Infrastructure Works

TECHINT
Engineering & Construction

01 | PUNTA NEGRA HYDROELECTRIC DAM

02 | EXTENSION OF THE BUENOS AIRES "H" SUBWAY LINE

03 | EL TAMBOLAR I HYDROELECTRIC PROJECT

04 | GENERAL BELGRANO RAILWAY RECOVERY AND REPAIR PROJECT

EXTENSION OF THE BUENOS AIRES "H" SUBWAY LINE

CUSTOMER:

Subterráneos de Buenos Aires Sociedad del Estado

COUNTRY:

Argentina

SCOPE:

EPC

COMPLETION:

2019

DESCRIPTION:

Building 4.5 km of tunnels, 4 stations, 2 workshops and underground sheds.

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Engineering & Construction

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SUBWAY LINE

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04 | GENERAL BELGRANO RAILWAY RECOVERY
AND REPAIR PROJECT



EL TAMBOLAR I HYDROELECTRIC PROJECT

CUSTOMER:

Energía Provincial
Sociedad del Estado
(San Juan)

COUNTRY:

Argentina

SCOPE:

EPC

COMPLETION:

2018

DESCRIPTION:

Basic and executive design, geological and geotechnical surveys. Detail engineering and construction of the river diversion, internal access and roads, crew camps and workshops required to build the dam and power station.

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04 | GENERAL BELGRANO RAILWAY RECOVERY
AND REPAIR PROJECT

GENERAL BELGRANO RAILWAY RECOVERY AND REPAIR PROJECT

CUSTOMER:

Administración
de Infraestructuras
Ferrovias

COUNTRY:

Argentina

SCOPE:

EPC

COMPLETION:

2020

DESCRIPTION:

Executive project design, detail engineering, supplies and construction to overhaul 109 km of railway lines in metric gauge, in the province of Santa Fe.

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Project highlights | Civil Infrastructure Works

TECHINT
Engineering & Construction

01 | TENARIS BAY CITY

02 | 3T ROLLING MILL

03 | GREENFIELD
PESQUERIA PLANT

04 | HOT ROLLING MILL
(LACA)

05 | GALVANIZING AND
PAINTING LINES (G+P)

06 | EXTENSION OF ALUAR
PLANT

TENARIS BAY CITY

CUSTOMER:

Tenaris

COUNTRY:

USA

SCOPE:

EPCM

COMPLETION:

2017

DESCRIPTION:

Construction of a mill to manufacture seamless pipes ranging from 114.3 to 244.5 mm in diameter, and thicknesses of between 5.7 and 25.4 mm, with an estimated output of 616,000 tons/year for Tenaris's OCTG product line.

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Project highlights | Civil Infrastructure Works

TECHINT
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01 | TENARIS BAY CITY

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PAINTING LINES (G+P)

06 | EXTENSION OF ALUAR
PLANT

3T ROLLING MILL

CUSTOMER:
Tenaris

COUNTRY:
Mexico

SCOPE:
EPC

COMPLETION:
2011

DESCRIPTION:
Construction of a hot rolling mill and two cold rolling mills, in addition to all the off-site works complementing operational services.

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Project highlights | Civil Infrastructure Works

TECHINT
Engineering & Construction

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(LACA)

05 | GALVANIZING AND
PAINTING LINES (G+P)

06 | EXTENSION OF ALUAR
PLANT

GREENFIELD PESQUERIA PLANT

CUSTOMER:

Ternium

COUNTRY:

México

SCOPE:

PC

COMPLETION:

2013

DESCRIPTION:

Cold rolling plant with an output of 1.5 million tons/year. The plant is equipped to produce 1,880 mm-wide steel sheet, intended exclusively for the automotive industry.

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Project highlights | Civil Infrastructure Works

TECHINT
Engineering & Construction

01 | TENARIS BAY CITY

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03 | GREENFIELD
PESQUERIA PLANT

04 | HOT ROLLING MILL
(LACA)

05 | GALVANIZING AND
PAINTING LINES (G+P)

06 | EXTENSION OF ALUAR
PLANT

HOT ROLLING MILL (LACA)

CUSTOMER:

Ternium

COUNTRY:

México

SCOPE:

C

COMPLETION:

2021

DESCRIPTION:

This project included a civil works phase followed by the electromechanical phase in the Hot Rolling Mill (LACA in Spanish) which will increase the output of hot rolled steel produced by the entire Ternium system by adding a Skin Pass line and a Lamination line.

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Project highlights | Civil Infrastructure Works

TECHINT
Engineering & Construction

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02 | 3T ROLLING MILL

03 | GREENFIELD
PESQUERIA PLANT

04 | HOT ROLLING MILL
(LACA)

05 | GALVANIZING AND
PAINTING LINES (G+P)

06 | EXTENSION OF ALUAR
PLANT

GALVANIZING AND PAINTING LINES (G+P)

CUSTOMER:
Ternium

COUNTRY:
México

SCOPE:
C

COMPLETION:
2019

DESCRIPTION:

Construction of two lines, one for immersion galvanizing and the other for industrial painting, as well as three warehouses: materials reception, intermediate storage, and shipping. This will enable a total annual production capacity of 420,000 metric tons.

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Project highlights | Civil Infrastructure Works

TECHINT
Engineering & Construction

01 | TENARIS BAY CITY

02 | 3T ROLLING MILL

03 | GREENFIELD PESQUERIA
PLANT

04 | HOT ROLLING MILL
(LACA)

05 | GALVANIZING AND
PAINTING LINES (G+P)

06 | EXTENSION OF ALUAR
PLANT

EXTENSION OF ALUAR PLANT

CUSTOMER:
Aluar

COUNTRY:
Argentina

SCOPE:
EPC

COMPLETION:
1999

DESCRIPTION:
Expansion of Aluar aluminum smelter, increasing annual production to 72,000 tons.

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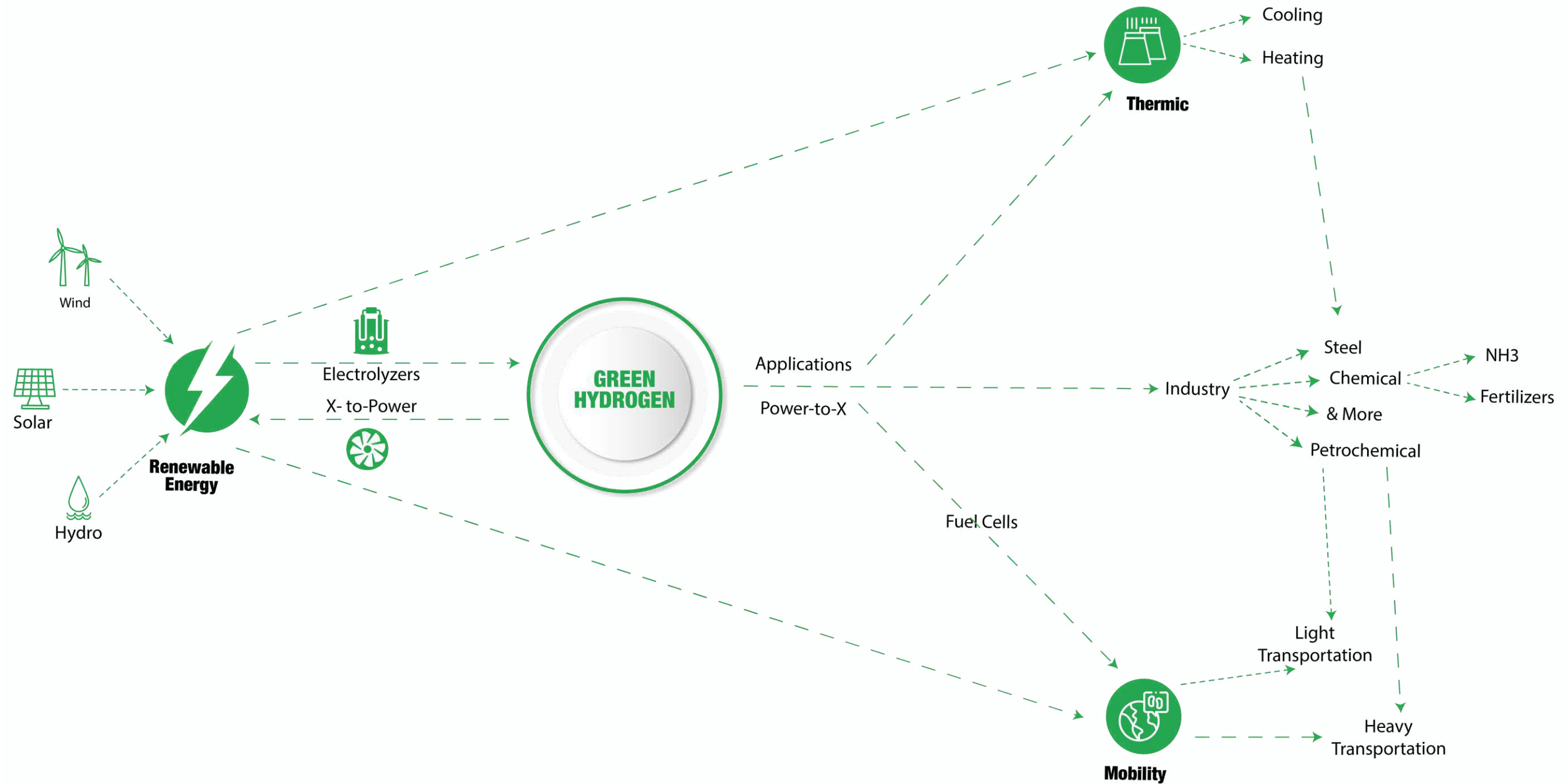
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Towards sustainable energy

- Hydrogen as an energy vector
- Decarbonization process <
- Gained experience
- Techint Group Energy Transition Unit: shared knowledge

We deliver integrated solutions for highly complex projects



Our history | Main projects

1970s



**Zárate Brazo Largo
Bridge, Argentina**

**Norperuano Pipeline,
Peru**

**Propulsora Siderúrgica,
Argentina**

1980s



**Shegdun Yanbu
Pipeline, Saudi Arabia**

**Expansion of Lujan de
Cuyo Refinery, Argentina**

**Arroyito heavy water
plant, Argentina**

1990s



**RLAM Refinery
Expansion, Brazil**

**Petacalco coal reception
and handling terminal,
Mexico**

**Profertil Petrochemicals
Complex, Argentina**

2000s



**Camisea Gas Pipeline,
Peru**

**Heavy Crude Oil
Pipeline, Ecuador**

**Los Caracoles
Hydroelectric Plant,
Argentina**

2010s



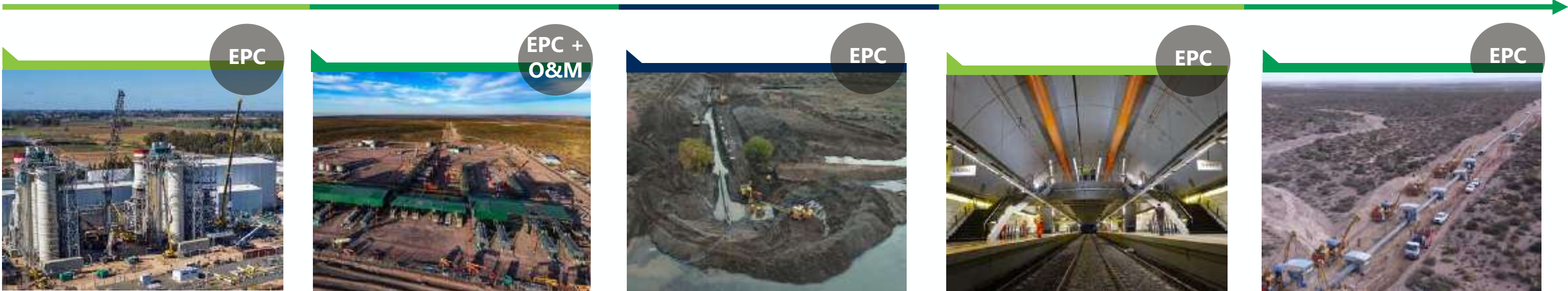
**P-76 offshore
platform, Brazil**

**Pesqueria Thermal Power
Plant, Mexico**

Peru LNG Pipeline, Peru

**Dunkirk LNG regasification
terminal, France**

Project Highlights in Argentina



**Genelba Plus
combined cycle
power plant**

Adding 380 MW to the national energy grid.

**Fortín de Piedra,
Vaca Muerta**

The top shale gas Project in the country, producing 13% of the gas consumed at domestic level.

**Gasoducto
Tratayén-Mega**

The first crossing managed remotely due to COVID-19.

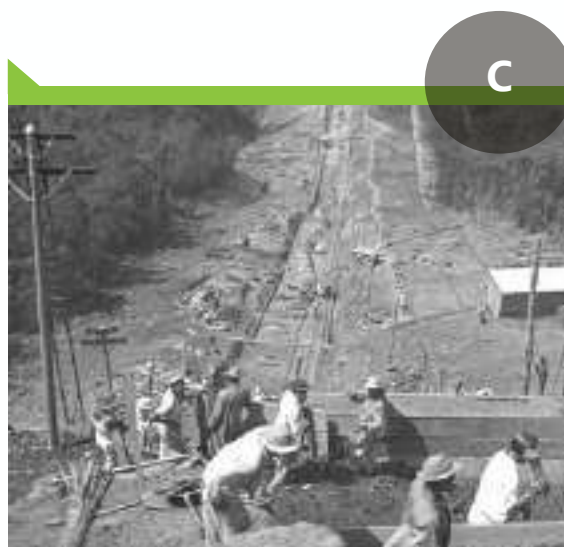
**Expansion of Buenos
Aires Subway Line H**

The largest infrastructure work in the City of Buenos Aires.

**Gasoducto
Presidente Nestor
Kirchner**

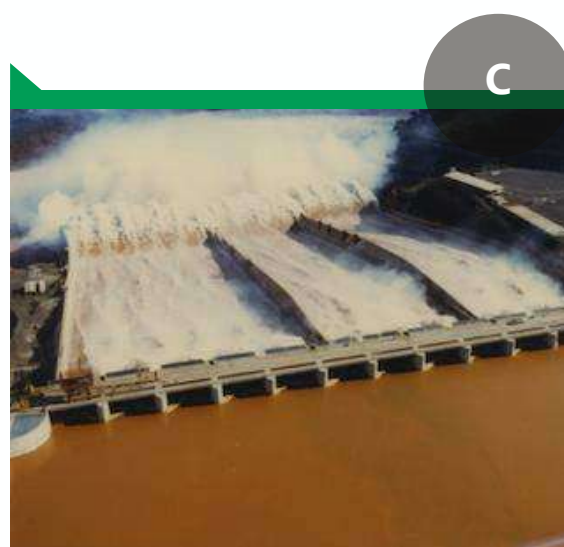
The construction of the main pipeline of 542 km across 4 provinces.

Project Highlights in Brazil



**Santos - San Pablo
oil pipeline**

First project in the country. The pipelines laid by Techint make up 60% of Brazilian network as a whole.



**Itaipú Hydroelectric
Power Plant**

We carried out all the assembly tasks to build what is to day the largest hydroelectric power generation plant in the world.



**Presidente
Bernardes de
Cubatão Refinery**

Thanks to the HDT unit, the refinery reduced sulfur content to improve fuel quality.



Ferro Carajás - S11D

The capacity of the world's largest iron ore producer was increased in a sustainable and innovative way.



FPSO P-76

One of the largest offshore projects ever completed in Brazil, the P-76 stores and transfers 150,000 bpd of oil.

Project Highlights in Chile



BHP Escondida – various EPC and maintenance for Concentrates Plant

Minera Escondida is the largest copper mine in the world.



Anglo American- Los Bronces Mine – Various projects

Including the construction of new aqueduct and ore pipeline, as well as various maintenance works for existing facilities.



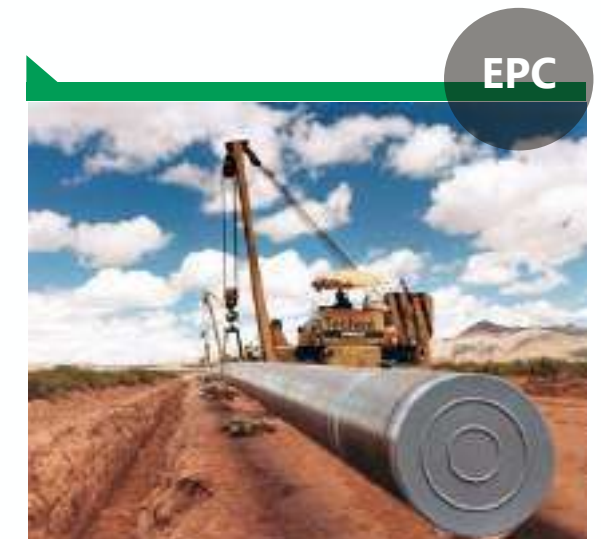
AMSA - Minera Esperanza

Seawater pumping system to concentrates plant at 2,200 masl and concentrates pipeline to port of Michilla.



AMSA- Los Pelambres – Pipelines and stations

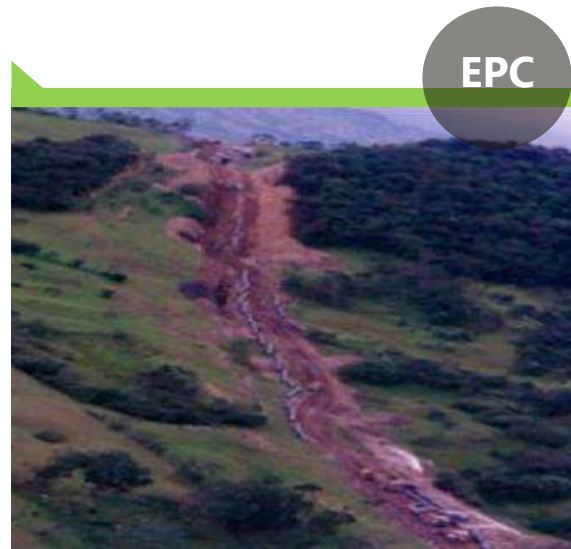
Tailings pond at El Mauro developed by Techint, allowing Mina Los Pelambres to produce copper for 30 years.



ENGIE- Gasoducto NorAndino

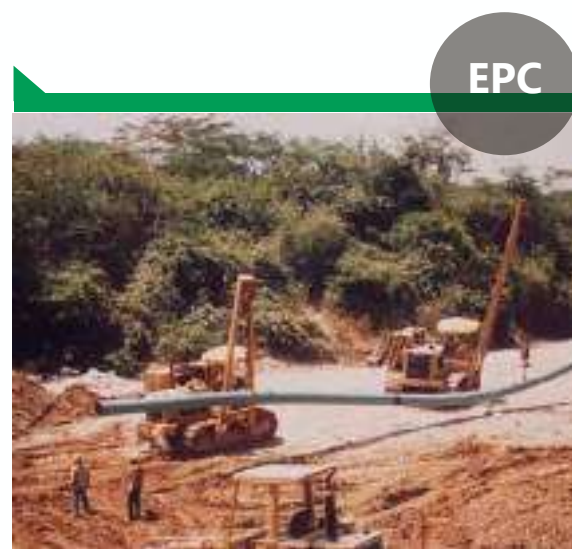
One of the first projects to add an environmental team to work alongside the construction team.

Project Highlights in Colombia



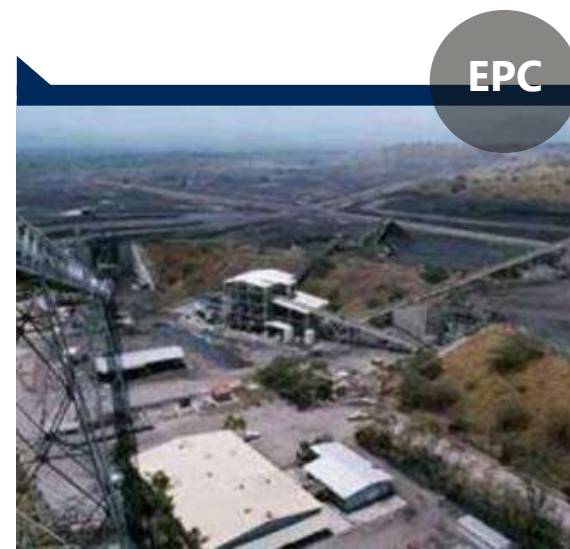
**Cusiana- La Belleza
oil pipeline**

223 km de Ø 30" y 36"



**Ballena-
Barrancabermeja gas
pipeline**

579 km de Ø 18"



**Expansion of Cerrejón
coal mining complex**

The plant's capacity was taken from 17 to 21 MTPA (million tons per annum).



CPF Pendare

New crude oil processing plant, with a capacity of 110,000 bpd.

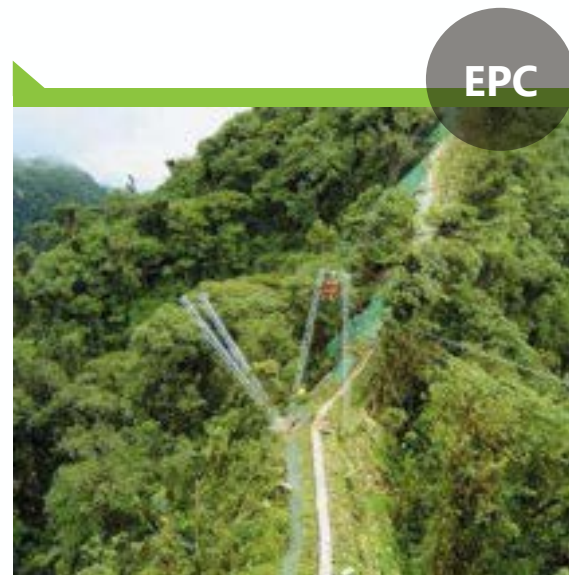


CPF Cupiagua

New oil processing plant with a capacity of 220,000 bpd and 900 MMcf3 gas.

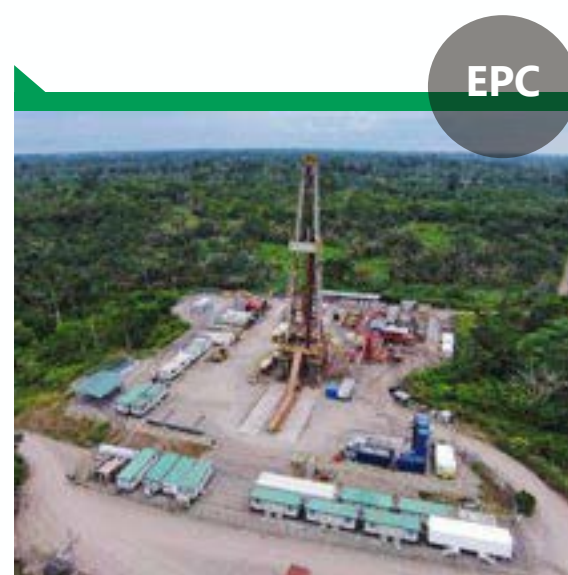
50% of the pipeline network in Colombia was built by Techint E&C.

Project Highlights in Ecuador



Heavy Crude Oil pipeline (OCP)

Duplication of crude oil transport capacity from the Amazon rainforest to the coast where it is shipped.



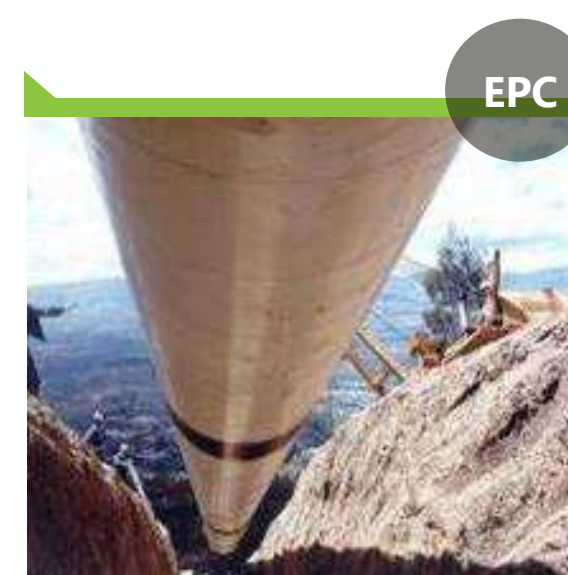
Auca & Shushufindi fields - Upstream Plants & Flowlines

Works executed since 2012 have increased production to +80KBPD (Auca) and +70KBPD (Shushufindi).



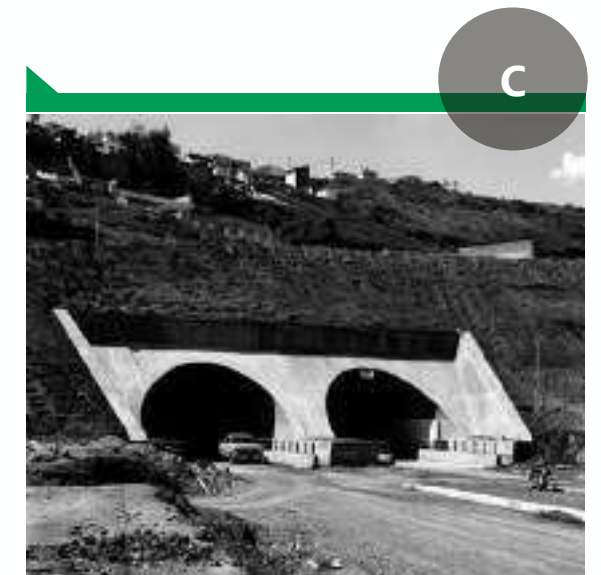
Drinking Water Treatment system in Guayaquil

The new system solved drinking water shortages affecting the city.



Papallacta project

The project meant that city of Quito could improve its supply of drinking water by 3 m³ per second.



Quito tunnels

Techint's first work in the country was finished in record time, solving the serious traffic problems affecting the city.

Project Highlights in Mexico



Norte III Combined Cycle Power Plant

With an output capacity of 907 MW, it produces energy to power over half a million homes.



Altamira Compression Station

Some 40% of the gas consumed in Mexico is processed at this compression plant.



Los Ramones II Norte gas pipeline

Transporting 1.2 MMm³/day, this is one of the most crucial infrastructure works of the last 40 years for the country.



Greenfield plant in Pesquería

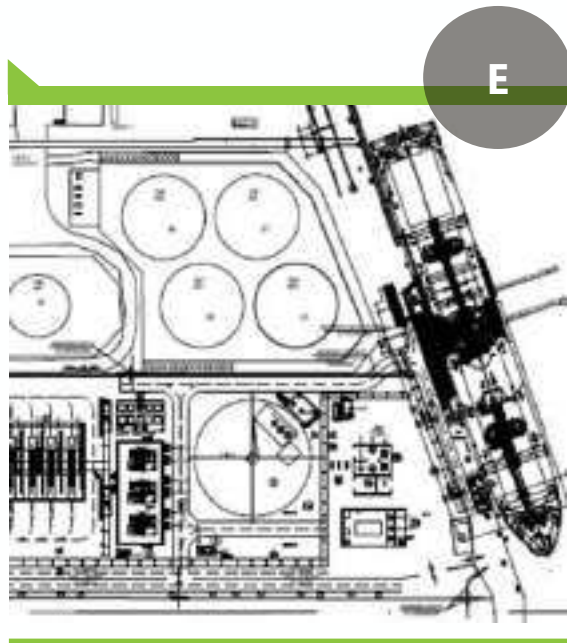
State-of-the-art technology set a special environmental standard for this kind of plant, earning it LEED certification.



Dos Bocas Refinery

Processing plants and auxiliary services framed in two areas or projects: Cogeneration and Refinery.

Project Highlights in Italy



Porto Marghera Small Scale LNG Terminal

FEED and PMC Services for a 32,000 m³ capacity SS LNG Terminal for ship bunkering and truck loading.



ENI Framework Agreement

Engineering Services (FS, BEDP, FEED and DE) for the 4 Italian refineries of ENI Group.



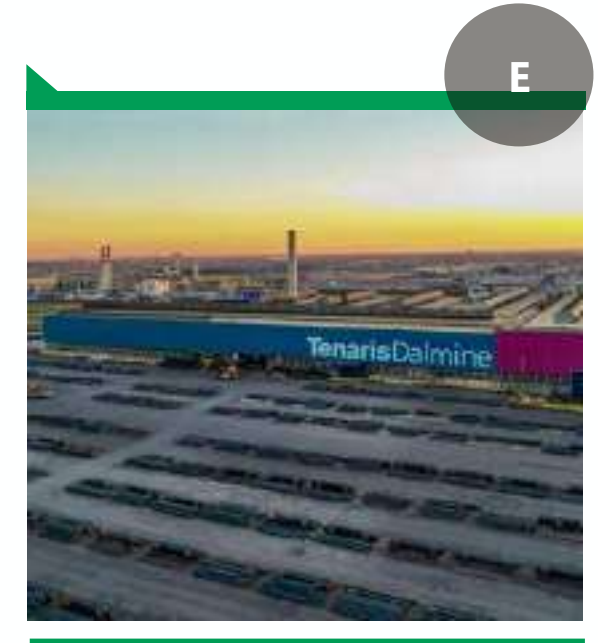
Marghera Levante Power Plant

Basic and Detailed Engineering for a 760 Mw net output Combined Cycle Power Plant based on 1 class "H" Gas Turbine.



Policlinico of Milan

Engineering, Project and Construction Management for State-of-Art Hospital in Milan: 700 Beds, 22 Op theaters, over 80.000 sqm.



Dalmine Zero Emission

Engineering Services (FS, BEDP) for the projected replacement of natural gas with green hydrogen to cut CO₂ for the EAF and the laminator.

We belong to
a global group
of companies



76,345

full-time employees



22.1 billion

USD in sales



4,7 million

tons of seamless and
welded pipe shipments



1.3 billion

USD in annual sales



1,308 million

USD in backlog



12,5 million

tons steel products* shipments



186,500

barrels of oil equivalent produced
per day



1,2 million

unique clients

*Does not include iron ore