



Our activities  
**in Argentina**



**TotalEnergies**



## TotalEnergies in Argentina

Since it launched operations in Argentina, in 1978, TotalEnergies has increasingly played a leading role in the exploration and production of oil and gas, transportation of gas and the sale of by-products in the retail sector. Over the years, TotalEnergies has become a multi-energy company and a major player in energy transition.

### Total Austral

Explores, develops and produces oil and gas reserves in sustainable ways to meet the growing demand in the country.

### TotalEnergies Gas Cono Sur

Assures trading and delivery of natural gas in the domestic and external markets and supplies the residential, industrial, power generation and vehicle transport sectors.

### Total Especialidades Argentina

Is a key player in the lubricants and phytosanitary markets, where it operates via the TotalEnergies and ELF brands.

### Total EREN

Develops, builds and operates renewable energy assets. They have wind power projects in the provinces of Buenos Aires, Santa Cruz and Chubut and a photovoltaic generation plant in San Luis. In addition, they are investing in the construction of a new solar farm in Catamarca.



More information at [totalenergies.com.ar](https://totalenergies.com.ar)

### TotalEnergies in Argentina

- 1978:** Creation of Total Austral.
- 1989:** Start-up of Hidra, the first offshore field in Tierra del Fuego.
- 1994:** Extension of Total Austral's operations in the Neuquén Basin: Aguada Pichana and San Roque.
- 1999:** Creation of Total Especialidades Argentina.
- 2000:** Launch of operations of the new Liquefied Petroleum Gas (LPG) extraction plant in Cañadón Alfa.
- 2001:** Creation of TotalEnergies Gas Cono Sur.
- 2005:** Start-up of offshore field Carina-Aries.
- 2010:** Beginning of shale development within the Vaca Muerta Formation.
- 2012:** Creation of Total EREN in Argentina.
- 2016:** Start-up of offshore field Vega Pléyade.

# Total Austral, 45 years of presence and experience in Argentina

**W**e work to unlock Argentina's energy potential by exploring and producing natural gas and oil resources in a safe, efficient and innovative way.

## WE DEVELOP THIS POTENTIAL ON LAND AND SEA:

**Neuquén:** development of conventional, tight and shale gas.

**Tierra del Fuego:** offshore and onshore developments, including extended reach wells.

In 1978, we signed our first contract for offshore exploration in Tierra del Fuego. Five years later, we had drilled over 45 exploratory wells and integrated new reserves onstream.

In 1989, after a complex development phase, we began producing Hidra field, the first offshore development in Argentina. This was followed by further offshore fields in Kaus, Argo, Carina, Aries and Vega Pléyade.

In 1994, we extended our operations to two areas in the province of Neuquén: San Roque and Aguada Pichana.

Today, we continue working intensively. Economic development and the sustainable exploitation of natural resources to the highest standards of safety and environmental preservation strengthen our commitment to a long-term strategy designed to bring cleaner, safer and sustainable energy to Argentina.

## More energy, less carbon

Continuous improvement in our environmental performance is key in the pursuit of our ambition to become the multi-energy company to reach zero carbon emissions by 2050.

Total Austral plays a major role in the drive towards zero carbon and has committed to reducing its emissions by 25% by 2025.

## Safety first

Safety is our primary concern and the cornerstone of our operational excellence.

An accident-free working environment is the priority of everyone who works at Total Austral. Our 12 Golden Rules, the Total Commitment charter, the Stop Card scheme and anomaly reporting mechanisms are some of the tools we use in our everyday operations to create a safe working environment for all of our employees and contract personnel.

## Austral Basin:

Pioneers in offshore hydrocarbon production

Our operations in Argentina started in Tierra del Fuego in 1978, with the award of an offshore exploration contract as part of the Cuenca Marina Austral 1 (CMA-1) consortium, operated by Total Austral (37.5%) in conjunction with Wintershall (37.5%) and Pan American Energy (25%).

After complex exploration and development work, Total Austral now produces various offshore and onshore reserves: Hidra, Kaus, Ara-Cañadón Alfa, Carina, Aries and Vega Pléyade. The hydrocarbons pumped from these fields are processed in the Río Cullen and Cañadón Alfa onshore plants, located north of the island of Tierra del Fuego.

Together these fields daily supply nearly 17 million cubic meters of gas to the Argentine market, which accounts for 13% of the gas production in the country.

Fénix is our next project in this Basin which, as from 2024, will supply an additional 10 million cubic meters of gas per day to Argentina.



The operations of Total Austral started in Tierra del Fuego in 1978 with the award of an offshore exploration contract.

## Neuquén Basin:

Leading the way in the development of non-conventional resources

In 1994, Total Austral and its partners YPF, Wintershall Energía and Pan American Energy decided to expand into the booming province of Neuquén, the hub of Argentina's gas transportation infrastructure.

We participate in seven blocks in Neuquén and operate five of them, including the Aguada Pichana Este, San Roque, Rincón La Ceniza and La Escalonada fields which, together, supply 16 million cubic meters of gas per day to the Argentine market, which accounts for 12% of the country's gas production.

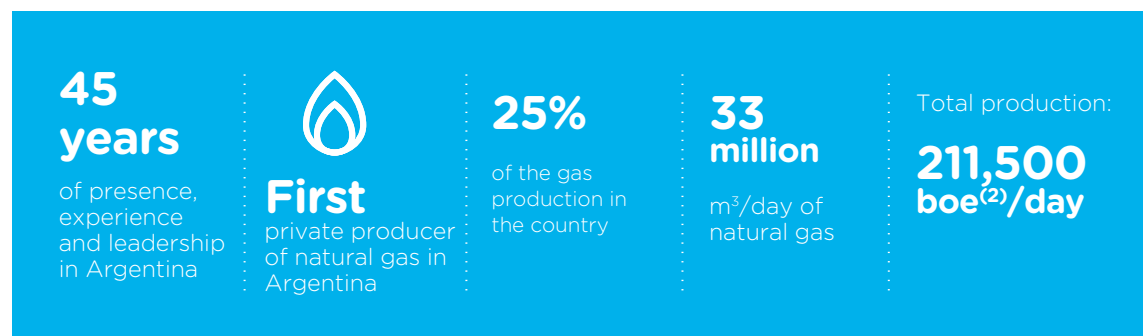
In addition to the conventional resources, which we have been producing since the 1990s, we actively work in non-conventional oil and gas projects. In 2008 we began with a multi-fractured horizontal well drilling campaign with the goal of developing tight gas reservoirs which are currently in production.

After that we began activity in the Vaca Muerta formation. At present, with approximately 100 drilled wells, the production of shale gas continues growing.



In the Neuquén Basin, Total Austral is leading the way in the development of non-conventional resources.

## OUR PERFORMANCE IN FIGURES<sup>(1)</sup>



<sup>(1)</sup> Annual figures as of 12/31/22 - <sup>(2)</sup> Barrel of oil equivalent per day



# TotalEnergies Gas Cono Sur, reliability and low carbon energy for our customers

This business unit is responsible for marketing and dispatching the natural gas produced by Total Austral, securing customer supply and maximizing the value of the production of TotalEnergies in Argentina. We also market gas produced by other companies who benefit from our extended business portfolio – enabling TotalEnergies to supplement and optimize the Company's activities.

We are a dynamic, versatile and innovative team with vast knowledge of the energy market, its players and its regulatory aspects. We are leaders in the country and in the exports market, and are strongly customer-oriented. Our wellhead gas sales are accompanied by city gate and multi-basin gas transportation and distribution operations.

We rely on three fundamental principles: anticipation, innovation, and reliability. That is why we work constantly to make sure our gas reaches our customers 24 hours a day, 365 days a year. Thus, our products are recognized for their high quality standards and supply reliability.

In Argentina, we supply natural gas to every market segment: residential and commercial, compressed natural gas stations, electric power stations and large, medium and small-sized industries. As a leading exporter of gas to Chile we also play a key role in energy integration in the Southern Cone region.

At present we sell over 15 million cubic meters of gas from all producing basins on a daily basis, which accounts for 11% of the total domestic gas marketed in the country. Our extensive customer portfolio includes all natural gas distribution companies, electric power producers and leading industries up and down the country.

In addition, we work together with our customers in the search of opportunities to improve their environmental performance, using natural gas as transition energy and, together with our renewable energies portfolio, we propose joint energy solutions.



Total Energies Cono Sur is responsible for marketing and dispatching the natural gas produced by Total Austral.



Anticipation, innovation and reliability are fundamental principles to add value to customers.



## OUR PERFORMANCE IN FIGURES

Safe gas supply to our customers

**24x7x365**

**40**

**B2B**  
customers

Over

**15 Mm<sup>3</sup>**

of gas marketed  
per day

**+190**

transactions  
per day

**11%**

of the domestic  
gas marketed in  
Argentina





## Total Especialidades Argentina, operating on the lubricant, grease and liquid fluids market through its TotalEnergies and ELF brands

Our wide range of lubricants is designed to meet the needs of all kinds of motor vehicles: light, heavy, motorcycles, agricultural and industrial.

Our lubricant blending and grease production plant in La Tablada has a production capacity of 50,000 tons/year. At this plant we manufacture over 300 products which are sold via a network of over 50 authorized distributors and dealers. The plant also has its own laboratory and is ISO 14001:2015, ISO 9001:2015 and IATF 16949:2016 certified.

Lubricants must be at the forefront of technological change to keep up with international specifications and meet the changing industrial requirements. That is why we have entered into major partnerships with international automobile manufacturers including Peugeot, Citroën, DS, Chery, CF Motos and Royal Enfield.

At Total Especialidades Argentina we are committed to providing cleaner energy for an efficient and sustainable use. An example of this commitment is our Fuel Economy lubricant range, which offers more mileage per liter of fuel, ensuring better protection and lower wear and tear of engine parts, while reducing at the same time the environmental impact.

We also offer a wide range of products and services meeting the lubrication needs of the industry, including fluids for hydraulic circuits, lubricants for compressors, grease, gearbox lubricants, cutting fluids in paste and soluble form, among other.

Our range of products is in line with our global strategy and strengthens our commitment to the production of energy that is cleaner, safer, more efficient, affordable, and sustainable.

### OUR PERFORMANCE IN FIGURES

**3<sup>rd</sup>**

largest player in the lubricants market with 13% of the market share

**30%**

of motor vehicles in Argentina supplied with TotalEnergies or ELF lubricants when they leave the factory



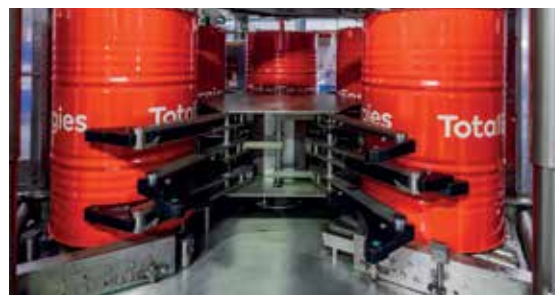
Over  
**50**

authorized distributors and dealers

FIGURES AS OF 07/31/23



Total Especialidades Argentina is present in the lubricants, grease and special fluids market through TotalEnergies and ELF brands.



3rd. largest player in the lubricants market with 13% of the market share.

## Total EREN: a pioneer in the Argentine renewable energies market

Our company is engaged in the development, construction and operation of renewable energy assets.

At present, Total EREN operates four renewable energy generation plants in Argentina: a 30 MWp solar power plant (Caldenes del Oeste), three 100, 98 and 50.4 MW wind power projects (Mario Cebreiro, Vientos Los Hércules and Malaspina) and a 14 MWp solar power plant (Amanecer, currently under construction). Other renewables projects, including one hydrogen plant, are under development.

### Malaspina

Malaspina is a 50.4 MW wind farm in the province of Chubut, southern Argentina. The farm comprises 14 type 3.6M114NES wind turbines and generates an estimated 245 GWh of electric power per year, which is enough to supply 60,000 residential customers in Argentina.

### Vientos Los Hércules

Vientos Los Hércules is a 98 MW wind farm located in the province of Santa Cruz, southern Argentina. The farm comprises 27 type 3.6M114NES wind turbines and generates an estimated 400 GWh of electric power per year, which is enough to supply 110,000 residential customers in Argentina.

### Mario Cebreiro

Mario Cebreiro is a 100 MW wind farm located in Bahía Blanca, province of Buenos Aires. The farm comprises 29 type 3.45 Vestas V16 wind turbines and generates an estimated 400 GWh of electric power per year, which is enough to supply 110,000 residential customers in Argentina.

### Caldenes del Oeste

Caldenes del Oeste is located in the province of San Luis. It has over 92,000 panels and an installed capacity of 30 MW, which is enough to supply 17,000 residential customers.

### Amanecer

Amanecer is our next project, which is currently under construction in the province of Catamarca, and which shall supply an additional 12 MW to Argentina as from mid-2024.



In addition, the experience gained in the construction of these plants has strengthened our ambition for other future renewable energy projects in Argentina.

With these projects, Total EREN is contributing to the sustainable economic development of the region and to the evolution of local communities through open-ended dialogue and ongoing cooperation with local schools, NGOs and other institutions.

**4**

power plants operating (1 solar power plant and 3 wind farms)



**1**

solar power farm under construction

Production:

**278 MW**

of installed capacity and over 1000 MW under development

**724.8 GWh**

(4% of the market share)

**Hydrogen project**

in progress

FIGURES AS OF 07/31/23





Since 2008, Total Austral has been actively working in non-conventional gas and oil projects within the Vaca Muerta Formation.



Total Austral's offshore platform production is treated at the Río Cullen and Cañadón Alfa plants located on shore Tierra del Fuego.



TotalEnergies Gas Cono Sur secures customer supply and maximizes the value of the Company's production in Argentina.



The wide range of lubricants of Total Especialidades Argentina was designed to meet the needs of light and heavy vehicles, motorcycles, agricultural and industrial vehicles.



30% of the motor vehicles sold in Argentina are supplied with TotalEnergies or ELF lubricants when they leave the factory.



Total Especialidades Argentina has a lubricant blending and grease production plant in La Tablada with a production capacity of 50,000 tons/year.



Total EREN is engaged in the development, construction and operation of renewable energy assets.



Over the years, TotalEnergies Argentina has become a multi-energy company and a major player in energy transition.

# We are a multi-energy company

TotalEnergies is a global multi-energy company that produces and markets energies: **oil and biofuels, natural gas and green gases, renewables and electricity.**

Active in more than 130 countries and across the energy value chain, TotalEnergies **puts sustainable development in all its dimensions at the heart of its projects and operations** to contribute to the well-being of people.

## Our ambition

As a major player in energy transition, TotalEnergies' ambition is to reinvent the way energy is produced and consumed to get to net zero by 2050, together with society, and to resolve the climate challenge.

Our 105,000 employees are committed to **energy that is ever more affordable, cleaner, more reliable and accessible** to as many people as possible.

To preserve the planet in the face of the climate challenge, we are moving forward, together, towards new energies.



OIL



NATURAL GAS



ELECTRICITY



HYDROGEN



BIOMASS



WIND



SOLAR



**\$ 20.5 bn**  
in adjusted net  
income in 2022



more than  
**8 million**  
customers served  
in nearly  
**14,600**  
service stations  
every day



**150,000**  
charge points for  
electric vehicles  
by 2025



**8.8 million**  
gas and power  
customers  
in Europe



**100 GW**  
production capacity  
for renewable electricity  
by 2030



**> \$ 4 bn**  
invested  
in renewables  
and electricity in 2022



**30%**  
circular polymers  
by 2030



**World n°3**  
in Liquefied  
Natural Gas



**2.8 Mboe/day**  
produced in 2022  
(53% natural gas)





## Our commitment: meeting the challenges of sustainable development

TotalEnergies aims to be a benchmark for endorsement of the United Nations' Sustainable Development Goals (SDGs). Our commitment to the SDGs has four dimensions: sustainable energy and climate, people's well-being, care for the environment and creating shared value.

### Climate and sustainable energy

To get to net zero by 2050, together with society, TotalEnergies is deploying specific action plans to reduce its emissions and achieve its short- and medium-term objectives. Our Company is taking action to:

- **Reduce emissions from its operated industrial facilities** by over 40% by 2030 and disclose the progress made at its operated and non-operated facilities. TotalEnergies puts a special emphasis on reducing methane emissions: -50% by 2025 and -80% by 2030 compared to 2020.
- **Reduce the indirect emissions related to its products**, together with society – i.e. its customers, its suppliers, its partners and public authorities – by helping to transform its customers energy demand.

### People's well-being

**Our aim is to be a model employer and a responsible operator.** For that purpose, we draw on the principles of conduct embedded into our business model and our Code of Conduct, which apply to all our operations worldwide:

- **Safety**
- **Respect for each other**
- **Zero tolerance for corruption and fraud**
- **Transparency**

### Care for the environment

**We place environmental performance at the heart of our projects and operations** and pay particular attention to the use of the planet's natural resources. To do that, we have set three priorities for action:

- **Preserving biodiversity**
- **Protecting water resources**
- **Practising circular resource management**

We manage the environmental impacts of all our operations according to the **Avoid – Reduce – Compensate** principle. The first step is to avoid any impacts wherever possible. If an impact cannot be avoided, our Company uses best available technology to reduce it and, as a last resort, compensates any residual impacts.

### Creating shared value

Our Company is committed to ensuring that its businesses and projects **create value and positive change** for all of its stakeholders:

- **Supporting countries** in their multi-energy transition.
- **Sharing our revenues with States** and fighting corruption and tax evasion.
- **Participating in the development of economic opportunities** for host territories and communities.
- **Committing with our suppliers** to a responsible purchasing framework.
- **Ensuring the long-term profitability** of our shareholders' investment.

Read our  
Sustainability & Climate 2022  
Progress Report

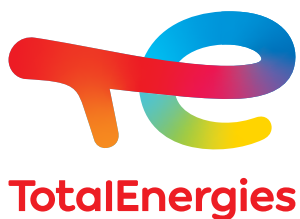




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