



PRESS RELEASE

## **Brazil: Launch of an Innovative Subsea Technology to Separate and Reinject CO<sub>2</sub>-rich Gas into the Mero field**

**Paris, January 8, 2024** – TotalEnergies announces that Libra Consortium has taken the final investment decision to develop an innovative natural gas and CO<sub>2</sub> separation and reinjection facility for the Mero field in the Brazilian deep offshore pre-salt.

This pilot unit, using a pioneer high pressure subsea separation technology (HISEP®), will separate oil from CO<sub>2</sub>-rich gas at the bottom of the ocean and reinject the gas directly into the reservoir. This technology has the potential to reduce the amount of gas sent to the topside FPSO, thus enabling to reduce the GHG emissions intensity while increasing the field production capacity.

This innovation is part of the Libra Consortium's research and development programs. The HISEP® subsea separation pilot unit will be connected to the Marechal Duque de Caxias FPSO (Mero 3 project), which is currently under construction.

*"TotalEnergies is proud to participate to the development of this new technology in the Mero field. In addition to its benefits in Brazil, it should find applications for other projects within the Company. Such innovation fits with TotalEnergies' approach to develop its businesses while reducing its emissions and costs, to improve its competitiveness in a sustainable way",* said **Namita Shah, President, OneTech at TotalEnergies.**

Mero is a unitized field, operated by Petrobras (38.6%), in partnership with TotalEnergies (19.3%), Shell Brasil (19.3%), CNPC (9.65%), CNOOC (9.65%) and Pré-Sal Petróleo S.A (PPSA) (3.5%).

### **About TotalEnergies in Brazil**

TotalEnergies has been operating in Brazil for almost 50 years, through six subsidiaries, and today employs more than 3,500 people in its business segments, in Exploration & Production, gas, renewable electricity (solar and wind), lubricants, chemicals and distribution.

TotalEnergies' Exploration & Production portfolio currently includes 11 licenses, of which 4 are operated. In 2023, the Company's average production in the country will reach approximately 140,000 barrels of oil equivalent per day.

TotalEnergies is investing in the growth of the renewable energy segment in Brazil. In October 2022, the company entered into a partnership with Casa dos Ventos, Brazil's leading renewable energy player, to jointly develop a 12 GW renewable energy portfolio.

TotalEnergies is also active in the Brazilian fuel distribution market with a network of about 240 filling stations as well as several storage facilities for petroleum products and ethanol.

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## About TotalEnergies

TotalEnergies is a global multi-energy company that produces and markets energies: oil and biofuels, natural gas and green gases, renewables and electricity. Our more than 100,000 employees are committed to energy that is ever more affordable, more sustainable, more reliable and accessible to as many people as possible. Active in nearly 130 countries, TotalEnergies puts sustainable development in all its dimensions at the heart of its projects and operations to contribute to the well-being of people.

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