PARIS--(BUSINESS WIRE)-- Â

TotalEnergies (Paris:TTE) (LSE:TTE) (NYSE:TTE) and Mistral announce a 3-year joint program representing an investment of more than â‚¬100 million aimed at developing a new generation of frontier AI models to support TotalEnergiesâ€™ geosciences experts in the exploration, characterization and development of oil and gas reservoirs.

Driving Innovation by Combining AI, Geoscience Expertise and Subsurface Data

This partnership will draw on the latest advances in artificial intelligence, particularly agentic AI, to combine next to 10 petaflops of data with nearly a century of knowledge, know-how and expertise accumulated by TotalEnergies in geosciences and reservoir engineering. The objective is to develop new frontier models, able to integrate, process and interpret large volumes of data in order to generate multiple scenarios for the development of exploration opportunities, as well as for optimizing and extending the life of existing projects.

TotalEnergies and Mistral will establish a joint scientific laboratory combining the subsurface know-how and expertise of TotalEnergiesâ€™ subsurface teams with the scientific and technological capabilities of Mistral, a European AI champion, to develop solutions tailored to the specific needs of the Companyâ€™s businesses.

Leveraging the Expertise and Digital Infrastructure of a European Champion

Through this partnership with Mistral, TotalEnergies is strengthening its AI solutions ecosystem to create proprietary models within a European digital ecosystem. This enables TotalEnergies to leverage its strategic subsurface data and Mistral to further develop as a European AI champion.

â€œExploration and reservoir engineering are among the areas where artificial intelligence can create the greatest value for our activities. By combining a century of geoscience data, the expertise of our teams and Mistralâ€™s capabilities, we aim to develop a new generation of tools capable of supporting our experts in analyzing the most complex data and in their decision-making. This partnership also illustrates our commitment to contributing to the development of a high-performing European digital ecosystem, supporting our competitivenessâ€ **said Patrick PouyannÃ©, Chairman and Chief Executive Officer of TotalEnergies.**

â€œWe are delighted to take our collaboration with TotalEnergies to the next level. This project demonstrates the ability of our models to support complex industrial processes and adapt to the most demanding scientific and energy challenges. It also highlights the strength of Europeâ€™s industrial ecosystem and the importance for large enterprises of adopting state-of-the-art, customizable AI solutions that protect and respect their intellectual property,â€ **said Arthur Mensch, Co-founder and CEO of Mistral.**

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About TotalEnergies
TotalEnergies is a global integrated energy company that produces and markets energies: oil and biofuels, natural gas, biogas and low-carbon hydrogen, renewables and electricity. Our more than 100,000 employees are committed to provide as many people as possible with energy that is more reliable, more affordable and more sustainable. Active in about 120 countries, TotalEnergies places sustainability at the heart of its strategy, its projects and its operations.

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