



EDF and Mistral sign a partnership agreement for AI serving nuclear power and digital sovereignty

Paris, May 28, 2026. EDF and Mistral announce the signing of a partnership agreement aimed at collaborating in the field of artificial intelligence to enhance the Group's efficiency and performance in its engineering, maintenance, and construction activities for future EPR2 reactors.

Concluded for a duration of five years, this partnership will enable both companies to work on the development and deployment of artificial intelligence tools tailored to EDF Group's safety, industrial performance, and regulatory requirements. The data will remain the property of EDF and will be hosted on trusted infrastructures (sovereign cloud or EDF data centers).

The results of this collaboration are intended to provide concrete support to field teams by improving responsiveness, efficiency, and operational performance.

The partnership notably plans to train conversational agents capable of querying the "technical memory" accumulated across the entire French nuclear fleet and EDF construction sites, while complying with the safety, security, and sovereignty requirements inherent to these operations.

This support for teams will facilitate industrial maintenance operations as well as access to knowledge for nuclear engineering and will optimize activities on construction sites under the EPR2 program.

The AI tools envisioned as part of this partnership will not concern nuclear plant control systems.

Arthur Mensch, CEO and co-founder of Mistral, stated:

"This partnership with EDF illustrates the importance of independent AI in addressing critical nuclear challenges. We are deploying our cutting-edge solutions and expertise within their environment and adapting them to their industrial context. This is to enable nuclear professionals to perform more effectively in their daily work thanks to AI, while fully complying with the strictest safety and security requirements."

Bernard Fontana, Chairman and CEO of EDF Group, added:

"This partnership with Mistral AI strengthens our digital sovereignty by developing AI designed as closely as possible to our core activities, leveraging our data assets and hosted on trusted infrastructures. The objective is clear: to use AI to improve operational efficiency while ensuring safety, security, and quality."

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About Mistral AI:

Mistral is a pioneer company in generative artificial intelligence, empowering the world with the tools to build and benefit from the most transformative technology of our time. The company democratizes AI through high-performance, optimized, and cutting-edge open-source models, products and solutions as well as end-to-end infrastructure with Mistral Compute. Headquartered in France and independent, Mistral defends a decentralized and transparent approach to technology, with a strong global presence in the United States, United Kingdom, and Singapore. For more information, visit <https://mistral.ai>

About EDF

A key player in the energy transition, the EDF Group is an integrated energy provider active across the entire value chain: generation, distribution, trading, energy sales, and energy services. A global leader in low-carbon energy, with a production of 515 TWh that is 95% decarbonised and a carbon intensity of 26.5 gCO₂/kWh in 2025, the Group has developed a diversified production mix based mainly on nuclear and renewable energies (including hydropower). EDF invests in new technologies to support the energy transition. Its corporate purpose is to build a CO₂-neutral energy future that reconciles environmental protection, well-being, and development through electricity and innovative services and solutions. The Group supplies energy and services to around 41 million customers (1) and generated €113.3 billion in 2025.

(1) The customer portfolio includes recurring electricity, gas, and services contracts.