

HEXANA AND NORSK KJERNEKRAFT JOIN FORCES TO ACCELERATE INDUSTRIAL DECARBONIZATION IN NORWAY

AIX-EN-PROVENCE
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HEXANA and Norsk Kjernekraft have signed a Memorandum of Understanding (MoU) to explore joint opportunities for the deployment of advanced nuclear technology in Norway. This strategic cooperation combines HEXANA's cutting-edge expertise in Advanced Modular Reactors (AMR) and Generation IV systems with Norsk Kjernekraft's deep understanding of Norway's regulatory landscape, industrial base, and energy market.

The MoU sets the stage for future collaboration to help meet Norway's industrial decarbonization goals. Key sectors such as petrochemicals, refining, steel, and data centers require reliable, high-temperature, low-carbon energy and advanced nuclear reactors offer a compelling solution to support the country's climate targets and long-term energy security and industrial sovereignty.

HEXANA is developing a next-generation energy platform that integrates AMRs with a high-temperature thermal storage system, delivering heat up to 500°C alongside flexible and low-carbon electricity. As part of its sustainable approach to nuclear innovation, HEXANA also aims to contribute to initiating the closure of the nuclear fuel cycle by fueling its reactors with reprocessed spent fuel. This circular energy and sustainable nuclear approach reduces waste volume and longevity while decreasing dependence on imported enriched uranium, ensuring sufficient resources for thousands of years.

As a prospective nuclear operator in Norway, Norsk Kjernekraft will assist HEXANA in identifying sites, market opportunities and building relationships with key industrial and institutional players.

"This Memorandum of Understanding marks a meaningful step in our shared ambition to deliver carbon-free, scalable and sovereign energy solutions for major industrial players. By joining forces with Norsk Kjernekraft, we are building a bridge between cutting-edge innovation and real-world implementation, unlocking the full potential of Generation IV reactors to deliver clean, secure, high-temperature energy for Norway's most critical industries."

— Sylvain NIZOU, CEO and co-Founder of HEXANA

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“France has long been a global leader in nuclear technology, and HEXANA stands at the very forefront of this tradition. Their approach to delivering high-temperature heat through advanced nuclear reactors and integrated thermal storage aligns perfectly with the needs of Norwegian industry. As part of our strategy to attract world-class nuclear expertise to Norway, we are proud to collaborate with HEXANA. Electrification alone is not enough — decarbonizing our industrial sector requires process heat, and HEXANA delivers exactly that.”

— Jonny HESTHAMMER, CEO of Norsk Kjernekraft

About HEXANA

HEXANA, an industrial start-up spin-off from the French Atomic Energy and Alternative Energies Commission (CEA), is developing an innovative energy platform that combines sodium-cooled fast neutron reactors (SFR) with a thermal storage system. SFR is a proven technology with more than 400 years of cumulative experience worldwide, of which 120 years in Europe (from construction to decommissioning). HEXANA's solution delivers decarbonized, flexible, competitive, and sovereign energy tailored to industrial needs. Positioned as a credible alternative to fossil fuels, HEXANA leverages the legacy of the Phénix, Superphénix, and ASTRID projects, integrating unique expertise and decades of experience (more than 70 years of R&D and operation) to transform nuclear energy into a pivotal asset for the energy and climate transition.

Awarded with a France 2030 grant, HEXANA operates from offices in Aix-en-Provence, Paris, and Brussels. The company is a member of GIFEN, the European SMR Industrial Alliance, NuclearEurope, COGEN, the Capénergies and Nuclear Valley clusters, France Deeptech, Forces Françaises de l'Industrie, La French Tech Aix-Marseille, SNETP and Provence Fabrique des Possibles.

For more information, visit www.hexana.com

About Norsk Kjernekraft

Norsk Kjernekraft is a privately owned Norwegian company founded in 2022 to facilitate the deployment of nuclear energy in Norway. Since its founding, the company has been approached by nearly 100 municipalities across the country seeking to explore nuclear options. Norsk Kjernekraft plans to initiate up to ten nuclear projects by 2025, strategically located at Norway's most suitable sites for clean, reliable baseload energy. These projects are developed in partnership with local municipalities and regional industry and energy companies.

With deep roots in the Norwegian petroleum sector, Norsk Kjernekraft brings a practical and industrially focused approach to nuclear deployment. The company understands the needs of local communities and energy-intensive industries — and sees nuclear energy as a critical enabler for Norway's energy transition, industrial competitiveness, and climate goals.

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