Orano and Calogena announce a strategic partnership
dedicated to the development of nuclear power for low-carbon district heating

At the World Nuclear Exhibition, the international civil nuclear trade show, Orano and Calogena announced the signing of a partnership agreement aimed at strengthening their collaboration on the CAL30 small modular reactor project. Developed by Calogena, the CAL30 is a new-generation light water reactor, classified as an SMR (Small Modular Reactor), with a thermal power of 30 MW. It is specifically designed to provide carbon-free energy to district heating networks, thereby responding to the challenges of energy transition and decarbonisation in local areas.

This partnership confirms the shared commitment to decarbonising district heating in Europe using proven, safe and competitive nuclear technology.

The agreement covers, in particular, the development of packaging for the transport of spent nuclear fuel suitable for Calogena's CAL30 reactor. The "TN Eagle" transport solution, already marketed by Orano, will serve as a reference for this development. The TN Eagle, with its innovative design and modular structure, is a packaging model that enables the transport and dry storage of spent fuel for nuclear power plants around the world. The agreement also provides for the study of filtration and purification process solutions, capitalising on Orano's experience in fuel storage pools.

Calogena is already involved in five projects in France and Finland, and in August 2025 announced the launch of studies for the installation of a CAL30 module at the CEA centre in Cadarache (Bouches-du-Rhône).

Jacques Peythieu, Orano's Director of Customers & Strategy, said: "*Orano, convinced of the essential role of nuclear energy in the decarbonisation of district heating, is delighted to*

strengthening its collaboration with Calogena. This partnership aims to adapt Orano's proven industrial solutions to support Calogena's development."

Julien Dereux, Managing Director of Calogena, added: *"We are delighted to deepen our relationship with Orano, a leading player in the nuclear industry. This collaboration will enable Calogena to offer its customers in France and Europe a solution for the transport and storage of spent fuel, a key element of our value proposition."*

About Orano

A leading international operator in the field of nuclear materials, Orano provides solutions to current and future challenges in energy and health. Its expertise and mastery of cutting-edge technologies enable Orano to offer its customers high value-added products and services throughout the fuel cycle. Thanks to their skills, their commitment to safety and security, and their constant pursuit of innovation, all 18,000 employees of the group are committed to developing expertise in the transformation and control of nuclear materials, for the climate, for health and for a resource-efficient world, today and tomorrow.

Orano: unlocking the full potential of nuclear energy.

About Calogena

Calogena is a subsidiary of the Gorgé industrial group, which specialises in high-tech industries and is driven by a strong entrepreneurial culture. Calogena was founded in 2021 with a unique mission in response to the challenge of energy transition: decarbonising heating networks. In order to provide a solution on a scale commensurate with the problem, which can be deployed on a large scale, Calogena is developing a low-power boiler powered by nuclear energy. Its main benefit is a significant reduction in greenhouse gas emissions for heat production. Its compact, simple and safe design enables Calogena to aim for the fastest possible deployment, as early as 2030.

For more information, visit www.calogena.com

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