

Veolia and Calogena Sign MoU to Explore SMR Technology for the Decarbonization of Urban Heating Networks

Veolia and Calogena have signed a one-year Memorandum of Cooperation to explore, on a non-exclusive basis, the potential of Small Modular Reactor (SMR) technology to decarbonize district heating networks, with a particular focus on Central and Eastern Europe.

The partnership aims to assess the feasibility of a pilot project integrating SMR technology into urban heating systems. Veolia and Calogena will carry out comprehensive technical, economic, regulatory, and safety studies. Particular attention will be given to Calogena's low-pressure reactor design, specifically developed to provide safe and reliable heat production in urban environments. These assessments will evaluate the potential for integrating such units into existing district heating networks and supporting their long-term decarbonization.

Philippe Guitard, CEO of Veolia Central & Eastern Europe, commented: *"As a leader in the decarbonization of district heating networks across Europe, Veolia continuously explores and evaluates innovative technologies that can complement proven solutions and help cities achieve their long-term climate and energy goals, in line with its GreenUp strategic program. Small Modular Reactors are among the emerging technologies we are assessing as part of a broader portfolio of low-carbon solutions, enabling us to anticipate future needs and support our partners in building resilient, secure and sustainable energy systems."*

Julien Dereux, CEO of Calogena, added: *"Heating is still 90% combustion-based: Calogena's mission is to offer a simple, safe and competitive solution to decarbonize urban networks. This exploratory project with Veolia, a forward-looking leader in decarbonization, offers the ideal framework to bring our technology to Central and Eastern Europe."*

ABOUT VEOLIA

Veolia group aims to become the benchmark company for ecological transformation. Present on five continents with 215,000 employees, the Group designs and deploys useful, practical solutions for the management of water, waste and energy that are contributing to a radical turnaround of the current situation. Through its three complementary activities, Veolia helps to develop access to resources, to preserve available resources and to renew them. In 2024, the Veolia group provided 111 million inhabitants with drinking water and 98 million with sanitation, produced 42 million megawatt hours of energy and treated 65 million tonnes of waste. Veolia Environnement (Paris Euronext: VIE) achieved consolidated revenue of 44.7 billion euros in 2024. www.veolia.com

ABOUT CALOGENA

Calogena is a specialist in decarbonized urban heating, backed by the industrial expertise and financial strength of Groupe Gorgé, a leading player with 3,500 employees and €600 million in annual revenue. As a laureate of the France 2030 plan (Phase 2), the company is supported by €100 million in total funding from a consortium of industrial and institutional investors. Calogena leverages mature, proven nuclear research reactor technology, specifically adapted for the unique requirements of urban district heating. By operating exclusively at low temperature and low pressure, the reactor design is significantly simplified,

ensuring intrinsic safety and exceptional cost-competitiveness. With active development projects across several European countries and a first commercial deployment scheduled for 2032, Calogena provides a resilient, carbon-free thermal solution designed to guarantee a stable heat supply and reinforce energy sovereignty across Europe.

[Further information at www.calogena.com](http://www.calogena.com)

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