



Press release

Paris, November 5th 2024

CALOGENA TAKES A MAJOR STEP FORWARD WITH THE SUBMISSION OF ITS SAFETY OPTION FILE TO ASN

Calogena, French leader in the development of small modular nuclear reactors (SMR), announces the submission of its safety option file (DOS) to the French Nuclear Safety Authority (ASN). This marks the culmination of a phase of constructive preliminary dialogue with the ASN, during which Calogena's teams presented and validated the main features of their project.

Regular exchanges with the ASN confirmed the relevance of the technical choices made by Calogena. The fluidity and quality of these discussions testify to the technological maturity of the project, which is based on pool-type research reactors, well known to the safety and security authorities.

The submission of the DOS now opens the reactor's pre-investigation phase with the ASN, a crucial step which will enable Calogena to refine its project.

Calogena is now the French leader in the SMR field, the closest to commercializing a first production reactor, thanks to its strategic choices:

1. A simple concept using technologies known to safety authorities
2. The use of a type of fuel that is commercially available and benefits from existing reprocessing channels.
3. An already significant and fast-growing district heating market, representing a potential of several tens of billions of euros in Europe, particularly in Northern Europe.



About CALOGENA

Founded in 2021, Calogena aims to address the challenge of energy transition by focusing on decarbonizing district heating networks. To tackle this issue on a large scale, the company is developing a low-power boiler that utilizes nuclear energy. The key advantage of this technology is its substantial reduction of greenhouse gas emissions produced during heat generation. The boiler's compact, straightforward, and safe design enables Calogena to target rapid deployment, beginning in 2030.

Calogena is a company of the Gorgé industrial group.

[More information on www.calogena.com](http://www.calogena.com)

About GORGÉ SA

Gorgé SA is the a diversified industrial group specializing in high-tech activities and driven by a strong entrepreneurial culture. The group operates industrial and technological activities in several cutting-edge areas: navigation and maritime robotics systems, through the listed company Exail Technologies; site protection; engineering and risk management consulting; 3D printing, through the listed company Prodways Group. Gorgé SA also invest in capital to support entrepreneurs in their expansion phase.

The companies of the Gorgé group generate revenues of of 550 million euros and employ 3,500 people.

[More information on www.gorge-entreprises.com](http://www.gorge-entreprises.com)

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