



News release
Paris, 28 November 2023

A WINNER OF THE FRANCE 2030 CALL FOR PROJECTS, CALOGENA ACCELERATES ITS DEVELOPMENT

Calogena, a project resulting from the association between the industrial group GORGÉ and a team of twelve nuclear experts, is a winner of the France 2030 call for projects in the "Innovative nuclear reactors" category.

Announced by the Minister of Energy Transition Agnès Pannier-Runacher on the occasion of the opening of the World Nuclear Exhibition 2023 in Paris, Calogena is taking a new step in its development with the **receipt of this new State subsidy**.

The France 2030 call for projects, unveiled by the President of the Republic in 2021, aims to support **companies developing innovative technologies and supporting the ecological transition**. Thanks to its low-power boiler powered by nuclear energy, Calogena is one of the winners of a grant in the "Innovative Nuclear Reactors" category, which amounts to **€5.2 million**. This subsidy will make it possible to confirm the technical and economic robustness of Calogena within two years. The teams have already initiated this phase in their new premises located in Aix en Provence.

A new significant step in Calogena's development

This subsidy expresses the support of the public authorities for the Calogena concept. It will make it possible to **considerably accelerate its development**. Calogena, thanks to the simplicity of its project, intends to be among the first to **obtain an agreement in principle from the Nuclear Safety Authority on its safety option file**. The reactor's exceptional level of safety is based on clear and tangible elements:

- **Low pressure:** 5 bar, comparable to that of a domestic water heater;
- **A simple design** : a primary circuit in natural convection and very small auxiliary systems, especially compared to other projects;
- **Small size:** more than 160 times smaller than a European pressurized reactor (EPR);
- **Proven technological building blocks:** nearly 30,000 years of cumulative feedback on reactors in operation around the world, compared to a few decades at best for other reactors;
- **The use of a fuel of current technology.**

Key takeaways from the Calogena project:

- 160 times smaller than an EPR
 - 30,000 years of feedback
 - Limited and very simple auxiliary systems
- Safety based on the implementation of gravity and natural convection



For Raphaël Gorgé, President of Calogena: *"Being the winner of the "France 2030" call for projects is a great source of pride for Calogena. It is the recognition of several years of work on the part of the teams. This grant marks an important milestone for the project, the commitment and the confidence of the public authorities around our vision. The project is progressing rapidly and on schedule, in line with our original schedule. "I am not sure*

About CALOGENA

Calogena is a company created in 2021 around a unique mission to address the challenge of energy transition: to decarbonize heating networks. In order to provide a large-scale solution to the problem, Calogena is developing a low-power boiler powered by nuclear energy. Its main benefit is the very significant reduction in greenhouse gas emissions for heat production. Its compact, simple and secure design allows Calogena to aim for the fastest possible deployment, as early as 2030.

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

About GORGÉ SAS

Gorgé SAS is a diversified industrial group, specialising in high-tech businesses and driven by a strong entrepreneurial culture. The group operates industrial and technological activities in several cutting-edge fields: maritime navigation and robotics systems, through the listed company Exail Technologies; the protection of high-risk sites; engineering and risk management consulting; 3D Printing, through the listed company Prodways Group. Gorgé SAS also provides private equity services to support entrepreneurs in the expansion phase. The companies of the Gorgé Group have a turnover of €500 million and employ 3,300 people.

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

Press contact

PLEAD Agency

Victor Fraichard

Phone +33 (0)6 42 02 28 46

victor.fraichard@plead.fr