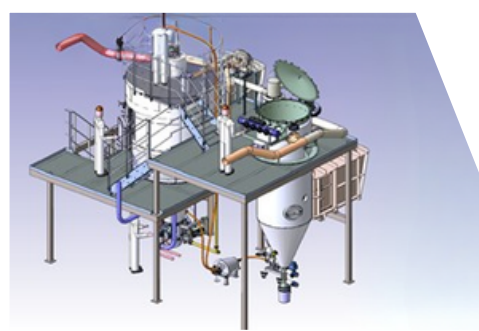
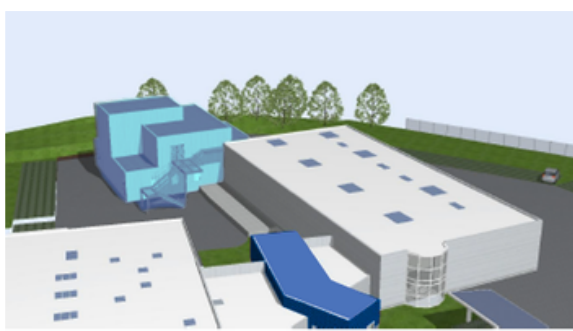




CAPSULAE, SUBSIDIARY OF INNOV'IA, INVESTS €5 MILLION IN TWO NEW STATE-OF-THE-ART MICROENCAPSULATION FACILITIES



CAPSULAE, the R&I center of Innov'ia based in La Rochelle and a recognized expert in microencapsulation process innovation, announces a strategic investment of **€5 million** to create two next-generation R&D units, scheduled to open in 2026. This new infrastructure will further strengthen Innov'ia's Research & Innovation Center expertise in developing **high-performance, environmentally friendly encapsulation solutions**.

A continuous and structured innovation strategy

This investment is part of an ambitious long-term strategy led by CAPSULAE and Innov'ia over the past few years:

- **2022**: establishment in La Rochelle of a **410 m² Central Laboratory** and a **465 m² Pilot Platform**, dedicated to process optimization and prototyping.
- **2025**: launch of the **ECCOCAPS Joint Research Lab (LabCom)**, in partnership with the University of Le Mans and the CNRS, focused on eco-friendly encapsulation technologies.

The goal is to accelerate the transition from innovation to industrial scale, by providing infrastructures designed to meet the needs of high-growth, high-potential markets such as **aquaculture, probiotics as alternatives to pesticides, and algae valorization into innovative ingredients**.



Differentiated approaches to enhance performance

- **Substantial acceleration of development cycles** through advanced digital modeling (CFD – Computational Fluid Dynamics), allowing simulation and optimization of operating conditions prior to semi-industrial trials, supporting approximately 40 new product developments per year.
- **Reduced environmental footprint** thanks to closed-loop systems recovering thermal energy and the use of bio-based materials that comply with sustainability standards. The target is to reduce the environmental footprint of formulations by at least 30%.
- **Next-generation coatings** for highly sensitive actives (enzymes, probiotics, vitamins), providing enhanced protection against oxidation, humidity, and pH variations.
- **Process intensification** to increase productivity while maintaining consistent quality and optimal functional properties.
- **Pilot-scale industrial batches (50–100 kg)** enabling clients to rigorously validate functional properties before full industrial scale-up.

CAPSULAE, a strategic player in the industrialization of functional ingredients

This state-of-the-art infrastructure confirms CAPSULAE's positioning as a **key strategic partner in the industrialization of microencapsulation processes**, providing customers with fully integrated support – from laboratory to industrial production.

ABOUT INNOV'IA

Innov'ia develops and manufactures innovative, tailor-made functional ingredients for its clients-partners, primarily serving the food, nutraceutical, cosmetic, and pharmaceutical markets. The company operates four industrial sites in France, equipped with key technologies such as spray drying towers, fluidized bed dryers, and prilling towers. Innov'ia masters a wide range of drying and microencapsulation processes, including granulation, agglomeration, prilling, coating, dripping, and emulsion. These technologies ensure the stabilization, protection, and optimization of ingredient properties, mainly in powder form.

ABOUT CAPSULAE

CAPSULAE is the Research & Innovation Center of excellence in formulation, specialized in microencapsulation. It develops tailor-made solutions that facilitate implementation and optimize the performance of ingredients and active compounds. A subsidiary of Innov'ia, Capsulae already operates six technology platforms and an analysis and characterization laboratory in 2025. It relies on high-level scientific and technical expertise, with a highly qualified team of more than 35 researchers—including PhDs, engineers, and technicians—to meet the diverse requirements of the industrial world.

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