



INTACT opens its first industrial facility and unveils a new generation of sustainable ingredients from French-Grown pulses

At a time when geopolitical tensions are highlighting Europe's dependence on agricultural imports, nitrogen fertilisers and fossil fuels, Intact is demonstrating through its Baule facility the relevance of a new industrial model based on the circular upcycling of French-grown pulses.

Baule, France, May 29, 2026 – Intact today inaugurated its industrial site in Baule (Loiret), the result of four years of development and a €75 million investment carried out in partnership with agricultural cooperative Axérial, the Fonds Stratégique des Transitions and Banque des Territoires.

Founded in 2022 by Alexis Duval, Fanny de Castelnau and Christopher Hervé, Intact has developed an industrial model based on the circular upcycling of French-grown pulses to produce a new generation of functional plant proteins and the world's first extra-neutral alcohol derived from pulses.

At a time of mounting agricultural and climate challenges, the model developed by Intact supports the reindustrialisation of strategic value chains in France while offering manufacturers an alternative to global supply chains that remain heavily dependent on fossil-based resources.

The model relies on local agricultural production, resource-efficient natural technologies, and a circular approach that enables the full utilisation of the plant.

An industrial technology designed to fully utilise pulses

The industrial process developed by Intact is based on an innovative plant extraction technology that separates the various components of pulses — proteins, starches and fibres — using only air flows at ambient temperature, without water, solvents or chemical processing aids.

This process enables Intact to develop a new generation of natural functional plant proteins designed to meet the most demanding food applications while significantly reducing environmental impact.

The starch-rich fractions are subsequently transformed through fermentation and distillation into a unique extra-neutral alcohol with the lowest carbon footprint currently available on the market.

Protected by patents, this technology allows Intact to fully utilise the entire plant without generating waste.

The new Intact facility also pioneers a next-generation industrial model operating entirely without fossil fuels, relying exclusively on electricity and renewable energy sources.

A site symbolising the revival of french pulse value chains

Pulses are the only major protein crops capable of naturally fixing atmospheric nitrogen into soils through a symbiotic relationship with rhizobia, naturally occurring soil microorganisms.

This unique characteristic eliminates dependence on fossil fuel-derived nitrogen fertilisers while contributing to soil regeneration and reducing the environmental footprint of French agriculture.

At a time of growing pressure on agricultural and energy resources, pulses are emerging as a strategic lever for European strategic autonomy, helping reduce dependence on imported gas, nitrogen fertilisers and plant proteins while contributing to the restoration of soil, air and water quality.

To build this sustainable agricultural value chain, Intact partnered with Axérial from its inception in 2022. With nearly 10,000 member farmers, Axérial is one of France's leading agricultural cooperatives.

In 2026, more than 2,000 farmers are engaged in the Cultiv'Up Regen sustainable agriculture programme, reflecting remarkable growth since its launch in 2024.

Innovative ingredients developed through an eco-design approach

At its Baule facility, Intact produces two families of ingredients:

- **NATURE®**, a range of functional proteins for human and animal nutrition
- **PULSE®**, the world's first second-generation extra-neutral alcohol derived from pulses, designed for the spirits, cosmetics and pharmaceutical industries

The NATURE® range addresses the growing demand from European food manufacturers for functional, natural and minimally processed plant proteins. Produced from locally sourced pulses, these proteins are designed for a wide range of applications, including bakery products, biscuits, plant-based alternatives, specialised nutrition, protein-enriched foods and animal feed. Thanks to their functional properties — such as texturising, emulsification, water retention and protein enrichment — they help improve nutritional profiles, reduce the use of certain additives and allergens, limit reliance on animal proteins and imported soy proteins, and support the development of more sustainable formulations aligned with evolving nutritional, regulatory and environmental expectations. In a context where Europe remains heavily dependent on imported plant proteins, particularly soy, they also contribute to the reshoring of strategic supply chains built around pulses cultivated in France.

Pulse®, developed through an eco-design approach, enables a reduction in greenhouse gas emissions of more than 80% compared with conventional alcohols.

Intact has also obtained ISCC EU IX-A certification for Pulse®, confirming its status as a second-generation alcohol and certifying an unprecedented reduction in greenhouse gas emissions.



As part of its environmental programme, “L’Exception Durable”, Rémy Cointreau has entered into a three-year partnership for the supply of Pulse®, enabling an estimated reduction of 1,200 tonnes of CO₂-equivalent emissions.

In the cosmetics sector, Guerlain became the first perfume house in the world to incorporate Pulse® into one of its creations, L’Homme Idéal Cologne Forte, following two years of joint development with Intact.

A new industrial infrastructure supporting excellence industries and strengthening the Centre-Val de Loire region

Located in Baule, at the heart of one of Europe’s leading grain-producing regions and in close proximity to Cosmetic Valley, Intact’s industrial site sits at the crossroads of several strategic industries, including agriculture, food production, cosmetics, pharmaceuticals and spirits.

This strategic location enables the company to develop an integrated model combining local agricultural production, industrial processing and world-class downstream industries, while reducing logistical dependencies and reliance on imports.

Upstream, the site represents a major milestone in the development of regional legume value chains through Intact’s long-term partnership with the cooperative Axérial, contributing to the creation of new outlets for locally grown crops.

As part of this regional reindustrialisation strategy, Intact also entered into a partnership with Banque des Territoires in 2025, which became a shareholder in its real estate subsidiary, Intact Invest. The partnership is intended to support the development of industrial infrastructure that contributes to French agricultural and industrial sovereignty while accelerating the climate transition.

The Baule site has also benefited from the support of both public and private stakeholders at regional and national levels, including France 2030, Bpifrance, ADEME, Agence Bio, and the Centre-Val de Loire Regional Council.

The project further contributes to local economic development in the municipalities of Baule and Meung-sur-Loire, with 75 skilled jobs created as part of the investment.

€125 million raised from industrial, financial and institutional partners

The total investment dedicated to the Baule industrial site amounts to €75 million.

Since its creation in 2022, Intact has raised €125 million through several financing rounds involving Axérial, the Fonds des Transitions managed by Isalt, Banque des Territoires, as well as multiple sources of public and private financing.



The company is supported by a broad pool of banking and institutional partners, including Bpifrance, Banque Populaire Val de France, Caisse d'Épargne Loire Centre, BRED, BNP Paribas, Société Générale, Arkéa, La Banque Postale and FIEM.

“This site is the result of a shared vision bringing together farmers, industrial partners, public stakeholders and financial institutions around a common ambition: to recreate industrial value in France’s agricultural regions and restore pulses to a strategic role within our farming system. The inauguration of the Baule site marks a new stage in Intact’s development and the industrial-scale deployment of our model.” Alexis Duval, Chairman and Co-founder of Intact

About Intact

Intact is an industrial and technology company founded in 2022, specialising in the production of sustainable plant-based ingredients derived from French pulses grown through regenerative and/or organic agriculture.

The company develops innovative industrial processes to produce low-carbon plant proteins and fermented ingredients for the food, cosmetics, pharmaceutical and spirits industries.

Through its industrial model, Intact aims to contribute to the revival of French legume value chains and to the reindustrialisation of strategic agricultural production sectors.

Media contacts

Alexandra van Weddingen
Alva Conseil
avanweddingen@alvaconseil.com
+ 33 611011791

Eléonore Barreyre
Alva Conseil
ebarreyre@alvaconseil.com
+33 648175222