

Press release

19 September 2024

Reims, France

Uppsala (Sweden)

## **VIVESCIA and NitroCapt: A partnership for innovation and to meet the challenge of decarbonising agriculture**

**NitroCapt, a Swedish technology start-up founded in 2016, and Leading French grain Cooperative VIVESCIA, have initiated a partnership around the production of decarbonised nitrogen fertiliser, marking their shared ambition to reduce greenhouse gases emissions and supply sustainable, high-performance solutions for the future of agriculture.**



Christoph Büren (President of VIVESCIA Group, left) and Gustaf Forsberg (CEO, NitroCapt) officialise their partnership on 6 September at the Châlons-en-Champagne agricultural show

© Axel Coeuret - VIVESCIA

This partnership is fully in line with VIVESCIA Group's CSR policy, LINK, and its regenerative, low-carbon agriculture programme, TRANSITIONS. It aims to develop the production of low-carbon fertiliser thanks to SUNIFIX®, an exclusive process developed by NitroCapt based on fixing atmospheric nitrogen. This innovative technology enables the production of sustainable fertiliser exclusively from renewable energies, which can help to improve the agronomic and economic performance of farming practices while contributing to the transition to sustainable and resilience food systems.

**The President of VIVESCIA Group, Christoph Büren,** said: *“Many initiatives have already been implemented in terms of decarbonisation, in particular with the TRANSITIONS programme. We need to keep moving forward in this direction. Although practices are starting to change in terms of fertiliser use, we need to go further and envisage partnerships for the production of more resilient nitrogen fertiliser. Testing new solutions – pioneering – is central to our purpose. We are definitively committed to an approach that is devoted to progress for the entire industry and our region.”*

**Gustaf Forsberg, CEO of NitroCapt,** explains: *“Nitrogen fertilisers are crucial to maintaining yields, but they are also a major source of greenhouse gas emissions. Nowadays, we have to reconcile the issue of decarbonisation with that of efficiency and food autonomy. Our technology meets these three objectives by enabling the development of low-carbon, efficient nitrogen fertiliser that can be produced directly by cooperatives without the need to import any raw materials.”*

A first pilot phase is currently being deployed in Sweden to consolidate the process before a demonstration plant is built in the Champagne Ardennes region of France.

Ultimately, if the scale-up and agronomic trials are successful, the objective is to build plants that will produce competitive, decarbonised fertiliser in the north-east of France. These plants will be able to produce enough nitrogen fertiliser to cover the needs of farmers on at least 750,000 ha of farmland. The first plants are expected to be commissioned in 2028.



Adjani Isabelle (Business developer, NitroCapt), Valérie Frapier (CSR Director and director of the TRANSITIONS programme, VIVESCIA), Gustaf Forsberg (CEO, NitroCapt), Christoph Büren (President, VIVESCIA), Cédric Cogniez (Deputy managing director for agricultural businesses, VIVESCIA) and Emylie Debruyne (Product and marketing manager at VIVESCIA Cooperative)

**NitroCapt press contact**

**Adjani Isabelle** - [adjani.isabelle@nitrocapt.com](mailto:adjani.isabelle@nitrocapt.com)

**About NitroCapt**

NitroCapt was founded in 2016 by Gustaf Forsberg and Peter Baeling. The company rapidly became one of the most well-known names in the field of low-carbon agricultural technologies. Its revolutionary, patented, energy-efficient process SUNIFIX® process, which uses oxygen instead of hydrogen to fix nitrogen and relies on non-carbon-based energy sources, enables the production of its cost-efficient, low-carbon nitrogen fertilizer, SUNIFER®.

For more information, visit <https://nitrocapt.com>

**VIVESCIA Group press contact:**

**Marine Magder** – [marine@magder.net](mailto:marine@magder.net) - **00 33 (0)6 62 09 97 04**

**About VIVESCIA Group**

VIVESCIA is an international, cooperative agri-food group with 6,900 employees in 25 countries, generating revenue of €4.6 billion for the year ending 30 June 2023. Specialising in producing and adding value to grain, VIVESCIA is owned by 10,000 farming entrepreneurs from the North-East of France.

VIVESCIA strives to take care of grain, from field to fork, thanks to a collective of men and women who are committed to sustainable plant-based industries. The Cooperative and its agricultural subsidiaries collect 3.3 million tonnes of grain every year; one in 10 beers worldwide are produced with our malt thanks to Malteurop's expertise. Our Francine flour can be found in one in three French households. Grands Moulins de Paris works with nearly one in four French bakers every day. Thousands of consumers enjoy sweet and savoury treats in France and around the world thanks to Délifrance's croissants, viennoiserie, patisserie, and bread. We also have expertise in the milling maize industry, with KALIZEA; in animal nutrition with Nealia; and in the biotechnology and plant chemistry ecosystem with ARD.

[www.vivescia.com](http://www.vivescia.com)

