

# Press release

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## **Elajo launches new technology for more circular food production**

**The challenge of reducing residual flows from production of plant-based drinks such as from oats, soy and beans is great. Breweries and distilleries are also struggling with large residual flows. New revolutionary recycling technology, developed by the innovation company Elajo Technology Solutions, will now meet this challenge. The Green Dairy food manufacturer has recently installed their technology.**

**With Elajo's new technology, residual flows from plant-based drinks can be recycled and turned into nutritious and economically significant products.**

"Shifting food production to be more circular and to utilise residual flows to produce new foods will be vital for our future food supply. At the same time, our diet is becoming more and more plant-based. Residual flows from plant-based drinks are packed with nutrients and can now be processed into complete food products. Our solution enables us to access a significant food resource, a raw material that can be repurposed into new foods," says Stefan Ekstrand, CEO of Elajo Technology Solutions.

### **"A major step forward"**

Since spring 2020, Elajo Technology Solutions has been collaborating with The Green Dairy in Karlshamn, one of the country's leading manufacturers of plant-based beverages and food. In 2022, the new technology, reCirculating Food Dryer, was commissioned in the company's production facility. This means that the nutritious oat fibres left over from producing oat drinks can be dried and reused for new foodstuffs.

"This is a major step forward in moving towards circular production flows; reusing the raw material makes a difference from a sustainability perspective. There is a wealth of new products on the way out that use recycled oat raw material. These have great potential. We can now make use of a food that was previously used as animal feed or biogas. We also hope that we can inspire more people in the industry to recycle more," says Kenth Lindvall, CEO of The Green Dairy.

"The properties of oat residue are challenging when it comes to pumping, durability and handling in the dryer. At Elajo, we have developed technical solutions to handle this. The fact that The Green Dairy now has a production facility in operation paves the way for more plant-based food manufacturers to do the same, not only as a contribution to more sustainable production but also because it is a profitable investment," says Robert Råhlin, Technical Manager at Elajo Technology Solutions.



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## **Sustainable food production**

Elajo's reCirculating Food Dryer is a unique solution that promotes sustainability in the plant-based food production cycle. The technology can be installed and used by anyone who produces plant-based drinks, as well as breweries and distilleries. The solution is aimed at large-scale production in industrial processes with high availability and operational reliability demands.

"We have developed a completely new solution to a global problem that offers major opportunities to food producers. The raw material that our solution produces has a high market value, making the reCirculating Food Dryer a solution that is not only sustainable, but also an excellent investment for companies. It is particularly pleasing that we have succeeded in developing a solution that truly has an impact on global food production and that we have done so in a rapidly growing segment of the market. Collaboration with The Green Dairy has been crucial to getting the process in place, and there is great interest from the market. We've already had visits to the plant from all over Europe and inquiries made from around the world," says Stefan Svensson, CEO of Elajo.

**About The Green Dairy:**

The Green Dairy is a Swedish food company that has been manufacturing plant-based and climate-smart food products since 2006.

The Green Dairy's goal is to develop and sell innovative, tasty, healthy and circular plant-based foods.

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**About Elajo**

*Elajo is one of Sweden's leading electricity, mechanical engineering and energy companies, offering broad expertise and knowledgeable staff. A sound family business, since it started in 1958 Elajo has experienced strong growth over many years and combines the proximity and flexibility of a small company with the resources of a large one.*

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