

Press Release

Walagri Digitizes Its Grain Stocks with Javelot Reducing Energy Consumption and Improving Grain Preservation

Walagri takes a new step toward more sustainable agriculture by partnering with Javelot, an AgTech company specialized in post-harvest digitalization.

As the leading grain collector in Wallonia, Walagri has chosen to partner with AgTech company Javelot to digitize its silos, reduce the energy consumption of its grain stocks, and decrease the use of storage insecticides.

By adopting the "Store&Save" solution developed by Javelot, Walagri aims to significantly lower energy consumption related to silo ventilation and to improve grain preservation management, especially by limiting the need for storage insecticides. Following a pilot phase conducted on 2 sites with 60,000 tons of storage capacity in 2023, and an additional 85,000 tons digitized in 2024, all sites where grain is stored for several months will be connected, totaling approximately 225,000 tons.

A Decision Driven by the Energy Context

"Grain preservation has become a key issue in a time when we are aiming to eliminate insecticide use," explains Bertrand Vancutsem, Chief Operations Officer at Arvesta (which includes Walagri, Vaesken, and Avenir Agro).

"Properly managing silo ventilation to prevent insect development—since cold temperatures halt insect reproduction—is essential, especially given the rising energy costs we've seen since 2022. That's what led us to digitalize the majority of our silos with Javelot: to reduce electricity consumption related to storage ventilation."



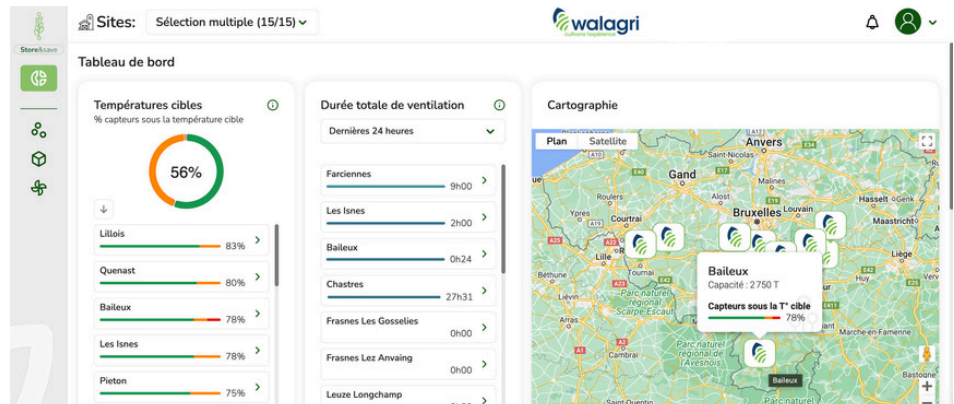
In practice, Javelot's Store&Save solution connects silos to collect key data such as temperatures, enabling the automation of ventilation using algorithms that trigger fans only when the temperature difference between outside air and grain is sufficient to produce actual cooling. Store&Save also issues alerts in case of overheating inside the silos, allowing silo managers and on-site operators to respond in time before insects start to develop.

Our storage site management was quite heterogeneous," adds Bertrand Vancutsem. "Some sites were equipped with wireless temperature probes, while others still required operators to manually take temperature readings with portable sensors."

A Solution That Eases Daily Operations for Field and Supervisory Teams

“Now, through a single interface, we can monitor all key performance indicators for the 15 connected storage sites. At a glance, I can see what’s happening on-site, detect any abnormal situations, notify the silo manager, and more. For our supervisory teams, it’s a huge benefit to have a management tool that lets us track energy consumption and ventilation efficiency much more accurately. For our quality team, it ensures full traceability of temperature monitoring and grain preservation paths as required by quality chains,” explains Bertrand Vancutsem.

The benefits are also acknowledged by field operators, who quickly adopted Store&Save as part of their daily routine. “The groundwork done by Javelot’s teams—hand in hand with our management teams—to train field staff and support change was key to the project’s success.”



About Walagri

Walagri is the leading player in the agro-supply and grain collection markets in Wallonia.

For over 150 years, Walagri has been providing farmers with a wide range of quality products. Advising and distributing seeds, plant nutrition and protection products, and agricultural consumables make up around half of its activity. Walagri is also the leading grain and oilseed collector in the region, managing the collection, storage, and marketing of grain from local growers to first-processing factories.

About Arvesta

Walagri is a strong brand of Arvesta, the leading full-service partner for Belgian farmers and horticulturists, with operations abroad. With its 2,130 experts, Arvesta works daily toward the sustainability of its strong brands and is ready to take on tomorrow's innovative challenges. Arvesta is active in animal nutrition, agriculture and horticulture, flour production, agricultural machinery, and retail through its 205 Aveve stores.

About Javelot

Javelot is a French AgTech company dedicated to the digital transformation of post-harvest operations. It supports cooperatives, grain traders, and farmers in optimizing their entire post-harvest value chain. Its offer is based on two platforms:

- *Store&Save*, designed to optimize storage performance and site operations. In addition to enabling the near-total elimination of storage insecticides, it allows for significant energy savings through intelligent ventilation management and ensures grain integrity.
- *Plan&Save*, focused on post-harvest supply chain optimization, helps improve logistics planning, boost commercial performance, and support industrial decision-making.

With over 100 grain storage clients across France and Europe and more than 20 million tons of grain digitized, Javelot—based in Lille (north of France)—employs over 85 people. It is also part of the FrenchTech 2030 program, which supports the 120 most promising innovative French companies.