

PRESS RELEASE

An EffiBOT robot for indoor/outdoor conveying between research seed buildings

- **Robotics to relieve operators and handle long, repetitive journeys**
- **Customized AMR to avoid low value-added activities, increase safety and productivity**

Quality of life at work (QWL) and better use of operational time

As part of its ongoing drive to improve the Quality of Life at Work and optimise operational time, Limagrain Europe - part of the French agricultural cooperative Limagrain - wanted to integrate robotics into its site.

The group therefore called on Effidence Robotics to implement an automated conveying solution. At the touch of a button, the [EffiBOT](#) mobile robot is sent to the second building to transport the seeds, in complete autonomy, interacting with the automatic doors. The autonomous function reduces low added-value tasks and allows operators to concentrate on more rewarding activities.

The AMR is also used in Follow-me mode, to help the logistics team deliver to the various buildings on the site. This mode of operation eliminates the need to carry heavy loads, taking the strain off operators.

By automating these transfers, Limagrain Europe is improving the working conditions of its teams while increasing the efficiency of its site.

Customizing the EffiBOT to Limagrain's needs

Effidence Robotics robots are modular and scalable. To meet the needs of the seed group, a bin structure has been added to the EffiBOT platform to increase its loading volume. A trailer also completes the solution, enabling the robot to be used as a tractor, with its [Hook-A](#) automatic hitch.

A flashing light has also been integrated to improve the EffiBOT's visibility and make it easier to move around in mixed traffic. Finally, the robot is available in an IP54 version for use in outdoor environments.

Julianne DUTOO, [Installing the robot with the teams]:

"The training was comprehensive, David gave good advice and always listened, which made it easier to deploy the robot on site and integrate it into daily work."

Sophie BRANDELY, [feedback on the use of the robot]:

"The main idea behind this investment was to make my team's day-to-day work more comfortable and to optimise our organisation. It's a successful gamble!"



About Effidence Robotics

Effidence Robotics is a French company that designs autonomous mobile robots to optimise flows on all types of media and meet the current challenges of the logistics and industrial supply chain. Founded in 2009, the company offers agile, high-performance solutions that adapt to the needs and growth of its customers: follow-me and autonomous collaborative EffiBOT robots to work with or near humans; standalone robots or swarm-me robots that work together in a fleet.

In 2020, Effidence Robotics and the Manitou group will become partners to distribute EffiBOT robots in Europe and co-develop a range of robotic solutions for different applications (EffiBOT-XS, stacker, tractor, etc.). These robots benefit from Effidence Robotics' expertise in robotics and the Manitou Group's proven know-how in the manufacture of handling trucks.

Effidence Robotics is also part of LUNDI MATIN, as the group's robotics division.

About Limagrain

With its parent company a French agricultural cooperative based on the Limagne-Val d'Allier plain, in the heart of Auvergne, Limagrain is a seed and agri-food group with more than 9 600 employees and a presence in 53 countries. A long-standing expert in plant improvement, Limagrain breeds, produces and sells field seeds and vegetable seeds with high added value. In order to add value to the production of the Cooperative's 1,300 farmer-members, the Group also deploys unique agri-food chains in France and abroad. In a context of accelerating climatic, environmental and demographic challenges, Limagrain contributes, through its different businesses, to meeting the world's agricultural and food challenges. As the 4th largest seeds company in the world, Limagrain achieved sales of €2,522 million in 2023-2024, to which can be added €729 million in sales from activities carried out jointly with its strategic partners.

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