

Service ID

S00129

**Location**

Netherlands, Remote

Co-innovation, test and support on sensors and practical robots for lives

Provider service

Wageningen Research - WR

Link to content<https://agrifoodtef.eu/services/co-innovation-test-and-support-sensors-and-practical-robots-livestock-farming>**Type of Sector**

Livestock farming

Accepted type of products

Design / Documentation, Physical system

Type of service

Data analysis, People training, Test design

Description

Provision of practical and scientifically based input and collaboration in designing robotic AI systems and components for livestock farming solutions. Receive practical and scientific input for the (re)design of sensors and robotics; help with decision support on dairy farms that meet agro-ecological F2F criteria, located in Hengelo Gld. and Leeuwarden. Access to high-end end-users in a country takes lots of time and effort. Thanks to the multiple regional experimental farms, Wageningen Research has a wide and easily accessible farm and dealer network. Additionally, researchers at Wageningen Livestock Research have a practical approach and know what's needed and required to implement new technologies in farms, therefore fulfilling a bridge between agronomy, technology, and ecology. By testing and demonstrating the products or services to our farm managers and farm networks in specific regions, we can gather valuable feedback and help speed up the developmental stage of the tested prototypes.

How can the service help you

Wageningen Research Innovation Centre De Marke enables to help (co-)designers of sensor, robotics, and AI systems for livestock solutions through the input of the knowledge of dairy farming based on own location data and on practical knowledge bridging agronomy, technology, and ecology. Additionally, the needs of farmers can be acquired as well. Expertise is available for requirement formulation, roadmap development, and end-user interaction.

How the service will be delivered

The service will be delivered by applied (and if needed scientific) researchers located at Agro-Innovation Centre de Marke in Hengelo and Dairy Campus in Leeuwarden.

Service customisation

The service is flexible for executing as long as it is based on the knowledge of the involved knowledge workers and based on (data) experience of the location(s).