



AGROBOTICS-DITWINS

Project co-financed by the Interreg Sudoe Programme through the European Regional Development Fund (ERDF)



The Project

The EU aims to become the first climate-neutral region by 2050 under the European Green Deal, promoting the digital transformation of agriculture to reduce environmental impacts and strengthen production security, with robotics and artificial intelligence as key enablers.

However, adopting “Smart Agriculture” or Agriculture 5.0 is challenging for SMEs in the SUDOE region due to high investment needs, technological risk, and the limited maturity of some solutions—especially in robotics, which often requires highly tailored applications.

In response, the project aims to identify and analyze agricultural processes to enhance sustainability and performance through robotics and digitalization. A dedicated stakeholder ecosystem will be established, leveraging Living Labs and Digital Twinning to maximize reach and effectiveness.

The ultimate goal is to engage agricultural SMEs in SUDOE (both producers and service providers) in the Agriculture 5.0 model through cooperation between research organizations, robotics experts, and specialists in agricultural processes and environmental sustainability.

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Kick-off meeting in Málaga

Málaga hosted the kick-off meeting of the European project Agrobotics Di-Twins, held at the School of Industrial Engineering of the University of Málaga.

The event brought together representatives from universities, technology centers, business associations, and partner companies from Spain, France, and Portugal. During the meeting, the consortium presented the project's roadmap, which will run for 36 months, and outlined the first set of actions to be implemented in the coming months.

Agrobotics Di-Twins brings together a wide-ranging partnership of 13 partners and 3 associated partners from Spain, France, and Portugal, representing universities, technology parks, business associations, and companies.

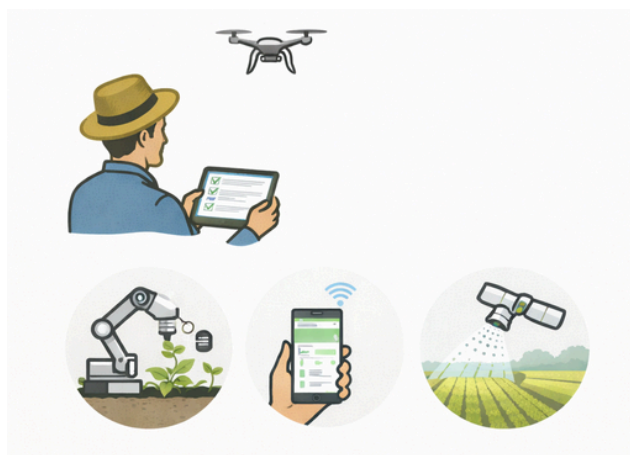
More information: <https://interreg-sudoe.eu/en/noticia-proyecto/agrobotics-ditwins-kick-off-meeting-malaga/>

Diagnostic Survey

Agrobotics Di-Twins has launched its diagnostic questionnaire addressed to agricultural companies and cooperatives.

The questionnaire aims to assess the level of digitalisation of agricultural companies in the project regions, identify needs, opportunities and challenges linked to innovative technologies, and support the development of practical solutions tailored to real-world conditions.

To respond to the questionnaire, please click on the following link: <https://forms.gle/YUYkiyuKsWw271nv7>



Project's next steps

In the coming months, Agrobotics Di-Twins will advance four key lines of action:

- Mapping priority agricultural processes where robotics can reduce environmental impact and improve efficiency.
- Designing and validating Digital Twin pilots, so SMEs can simulate and test solutions.
- Launching transnational Living Labs to co-create and trial tailored solutions with farmers, researchers and companies.
- Consolidating an Agriculture 5.0 ecosystem with shared protocols and services to ensure continuity and replication beyond the project.

The partners

