

AGROSPACE

Space Technologies, the driver of innovation in rural areas

The agricultural sector faces climatic challenges, such as droughts, fires, and extreme heat waves, more efficient resource management, and the implementation of sustainable agricultural practices. To this end, the digitalization of agriculture, through data collection and processing, promotes informed decision-making based on various complementary technologies.

In this context, the use of spatial technologies is emerging, driving the transformation of the agricultural sector. To improve the current situation, innovative solutions are proposed that are based on good practices, cutting-edge research, and transnational actions using earth observation images and tools, precision agriculture, or spatial telecommunications. This also includes fostering interaction and training among actors from both sectors, facilitating joint innovation.

Specific objectives

- Promoting social cohesion and territorial and demographic balance in Sudoe through innovation and the transformation of productive sectors.
- Research / Innovation.
- Promote interregional learning and transfer of community-based good practices.
- Empower stakeholders through capacity-building and participatory action planning.

Key outcomes

The intersectoral AgroSpace strategy will have action plans across three innovation axes: research, market, and policy instruments. To promote its adoption, three demonstrators will be implemented: in improving support services for farmers in case of climatic emergencies, in efficient management of agricultural resources of a large winery, and in the validation of a methodology based on open calls to identify agricultural challenges and spatial solutions.

Intersectoral collaboration is limited, and training and awareness-raising actions about its benefits will promote effective and transformative solutions for their transferability to broader territories.

As the most valuable agro-spatial knowledge is dispersed and agricultural actors aware of its value are limited, transnational cooperation is necessary, increasing existing capacities and facilitating solutions that share resources and facilitate their adoption in rural areas.

The approach is innovative compared to current inflexible funding systems and allows for a joint approach to adapting to common challenges that require a multidisciplinary approach, improving employability and social cohesion.



Countries involved

Spain
France
Portugal

Barcelona Chamber role

Partner

Duration

From 1st June 2025
to 31st May 2028

Budget

Global: 2.504.200,00 €
For Barcelona Chamber:
260.000,00 €

Programme contribution

75%

Tags

Research
Innovation
Climate change
Space technology
Rural areas

<https://interreg-sudoe.eu/en/proyecto-interreg/agrospace/>

Funding Programme



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