LIFE+ ClimAgri:
Best agricultural practices for Climate Change:
Integrating strategies for mitigation and adaptiation

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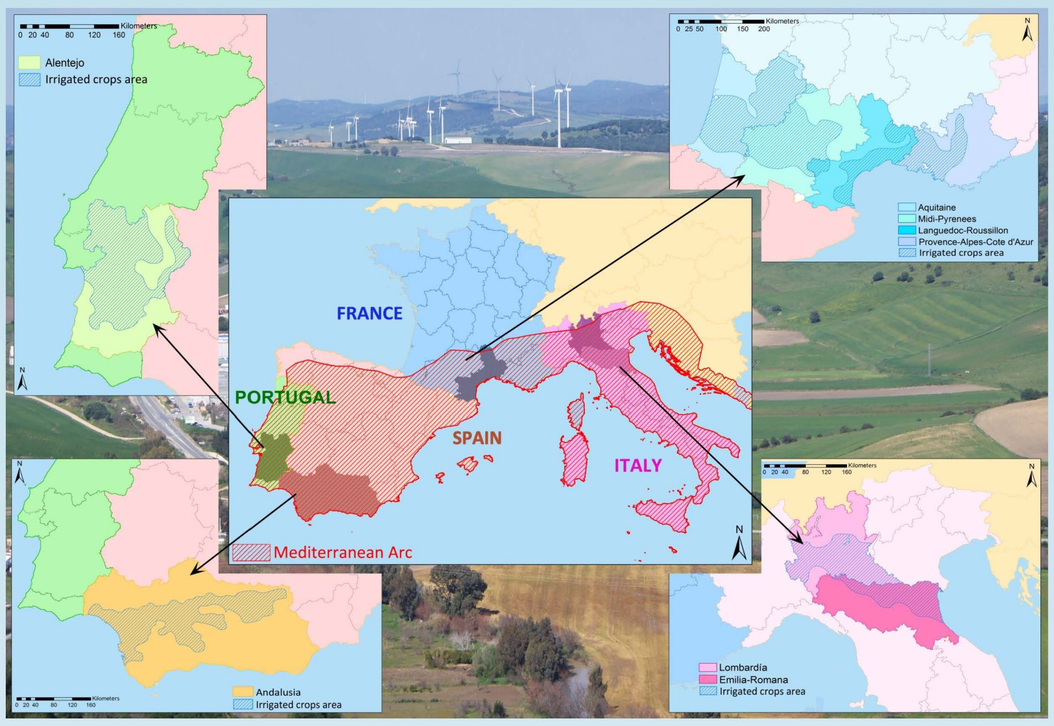
What is ClimAgri?

It is a Project financed by the EU LIFE Program which overall goal is to establish strategies for managing extensive agricultural crops, that together contribute to mitigating climate change and adapting crops to both current and future climate conditions, and which also serve to support and develop EU and member states environmental policy and legislation regarding climate change.

To this end, the project is intended to achieve the following **specific objectives**:

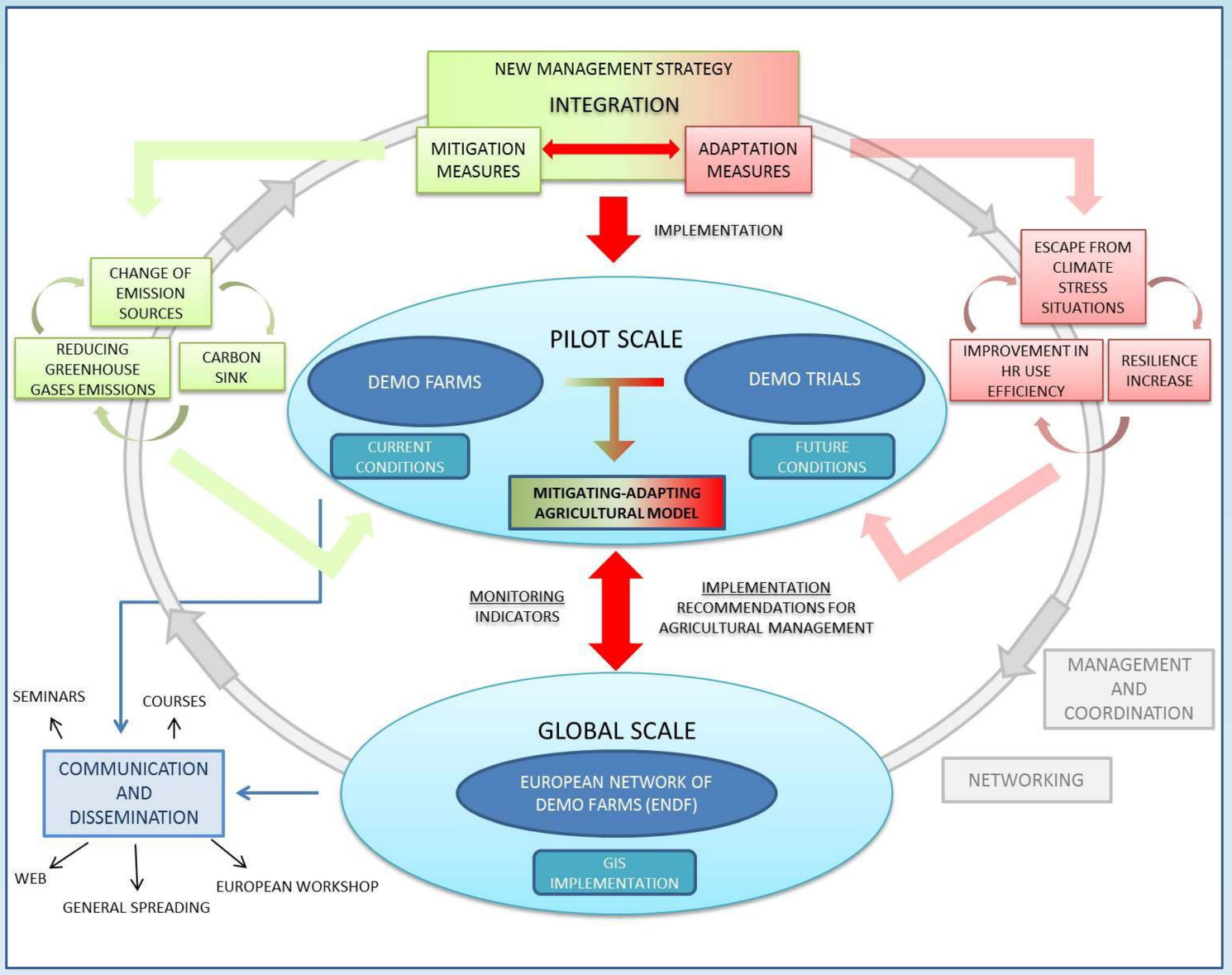
1. Demonstrate the viability of management systems based on integrating climate change mitigation and adaptation measures into irrigated farming in the Mediterranean Basin.
2. Ratify the global impact of the combined mitigation and adaptation strategies adopted by creating a European Network of Demo Farms (ENDF).
3. Establish a protocol that, based on the adaptation-mitigation strategies identified, allow making technical recommendations for their adoption and monitor their implementation and verify the application of agri-environmental measures and other programs related to climate change.
4. Disseminate and transfer the experience acquired and the management philosophy to other areas under similar circumstances by strengthening the communication links among research entities/groups, governments and end consumers.

ClimAgri Influence Area



Maize under no-till in Italy (left) and Portugal (right)

How does ClimAgri work?



ClimAgri expected results

1- Agronomic management model based on the integration of measures for mitigation and adaptation to climate change in extensive agriculture.
2- Increase of the resilience and reduction of the GHG emissions of extensive irrigated crops located in the Mediterranean Basin by implementing the adaptation and mitigation measures proposed.
3- Low-carbon economy farm management systems based on less energy dependence.
4- ENDF with at least 12 farms implementing combined mitigation and adaption to climate change strategies .
5- GIS destined to the management of the information generated on the potential of farms to adapt to climate change and reduce its effects, characterized by web-based decision making tools.
6- Guide of Best Management Practices that simultaneously mitigate climate change and allow farms to adapt their crops to the expected climatic scenarios.
7- Series of technical and strategic indicators to monitor the strategies aimed at mitigating and adapting to climate change in extensive irrigated agriculture.
8- Identification of measures to be adopted at European level to reinforce policies aimed at mitigating and adapting to climate change.
9- Enhancement of professional training of agricultural collectives.
10- Awareness-raising of the current environmental problems.
11- Documentation on farming strategies based on the integration of measures aimed at mitigating and adapting to climate change that can be applied to extensive irrigated farming in the Mediterranean Basin.

Partners

Instituto de Investigación y Formación Agraria y Pesquera
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