

Launch of the LOFS European project to adapt cropping systems in response to climate change in France



What is LOFS about?

LOFS (Loire valley Observatory for Food Security) is a 2-year project, which started in April 2024, and complementing the CAP Filières and Climat'EAU ongoing work carried out by Arvalis and its partners. Its aim is to understand and quantify, at the level of the sector and a specific area, the challenges and impacts of future climate change for the plant sectors in the Loire Valley (Centre Val de Loire and Pays de la Loire regions).

The partnership is made up of Végépolys Valley (lead partner), ARVALIS, the Pays de la Loire Chamber of Agriculture, IDELE and France Champignon.

For arable crops and cereal sectors in particular, 3 workshops will be set up to co-design the adaptation of farming systems and sectors (Sologne, Berrey, Beauce). The [ASALEE tool](#) will be used to assess the performance of the co-constructed strategies, by comparing rain-fed and irrigated crop rotation strategies, depending on the volume of water available and climatic and economic variability.

This work will lead to the provision of strategic and tactical recommendations to farmers in the Centre Val de Loire region for adapting to tomorrow's climate (water stress).

In addition to producing knowledge, this project aims to create and structure a multi-stakeholder network to implement more resilient practices.



Funding programme

Horizon Europe – Cascade funding of Eco-Ready project



Overall budget

400 000€ (100% funded by European Union)



Lead partner

Végépolys Valley



Starting date

April 2024



Number of partners

5



End date

April 2026

For more information

Morgane VIDAL (Regional engineer at ARVALIS): m.vidal@arvalis.fr

Pierre ROCHEPEAU (European projects & partnership expert at ARVALIS): p.rochepeau@arvalis.fr

