



Horizon Europe Innovation Action Project Number: 101081839



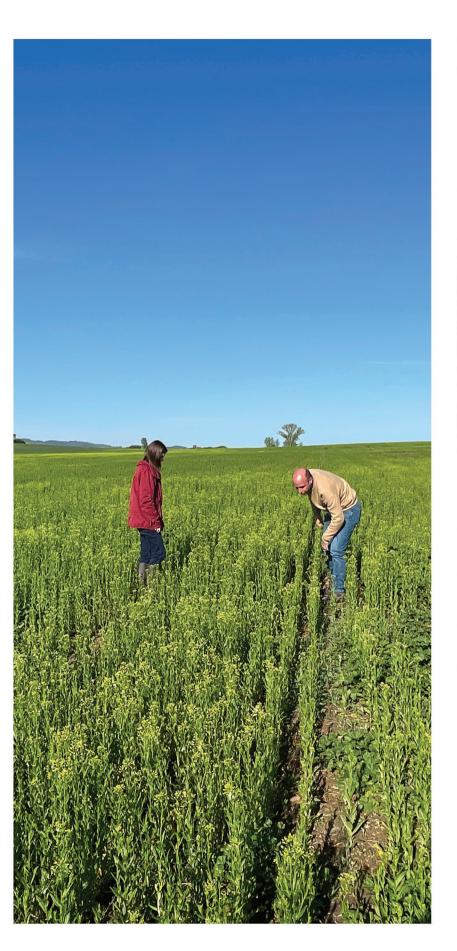
#### INTRODUCTION

The CARINA Project, funded by Horizon Europe, is revolutionizing agricultural practices by developing sustainable, diversified farming systems. By introducing camelina and carinata, two promising oilseed crops, CARINA aims to enhance soil health, increase biodiversity, and improve the resilience of farming systems in Europe and the Mediterranean.

A core component of the project is the Lighthouse Model, a network of innovation hubs where farmers, researchers, and stakeholders collaborate to test, optimize, and share best practices for sustainable cropping. These Lighthouses serve as knowledge-sharing centers that bridge the gap between scientific research and real-world farming applications.







# WHERE ARE THE CARINA LIGHTHOUSES LOCATED?

The project established lighthouses across nine countries:

■ France |

II Italy

💌 Spain |

Creece |

Serbia |

Morocco |

Poland |

属 Bulgaria |

Tunisia

Each Lighthouse represents specifics farming environments, allowing for diverse testing conditions and ensuring that CARINA's recommendations are adaptable to different climates, soil types, and agricultural traditions.

#### **HOW DO LIGHTHOUSES WORK?**

CARINA Lighthouses operate through a multi-tiered approach, combining scientific research, field experimentation, and farmer-driven innovation.

#### 1. Lighthouses meeting

- Frequency: At least one a year
- Participants: Farmers, agronomists, and advisors
- Objective: Identify challenges, opportunities, and tailored solutions for implementing sustainable cropping systems.

These workshops ensure that farmers' insights and experiences guide the development of practical, region-specific farming solutions.



#### 2. Demonstration Fields

ELELI.

- \* Frequency: Continuous testing and monitoring
- Participants: Farmers, agronomists, and advisors
- Objective: Evaluate the performance of camelina and carinata under real farming conditions.

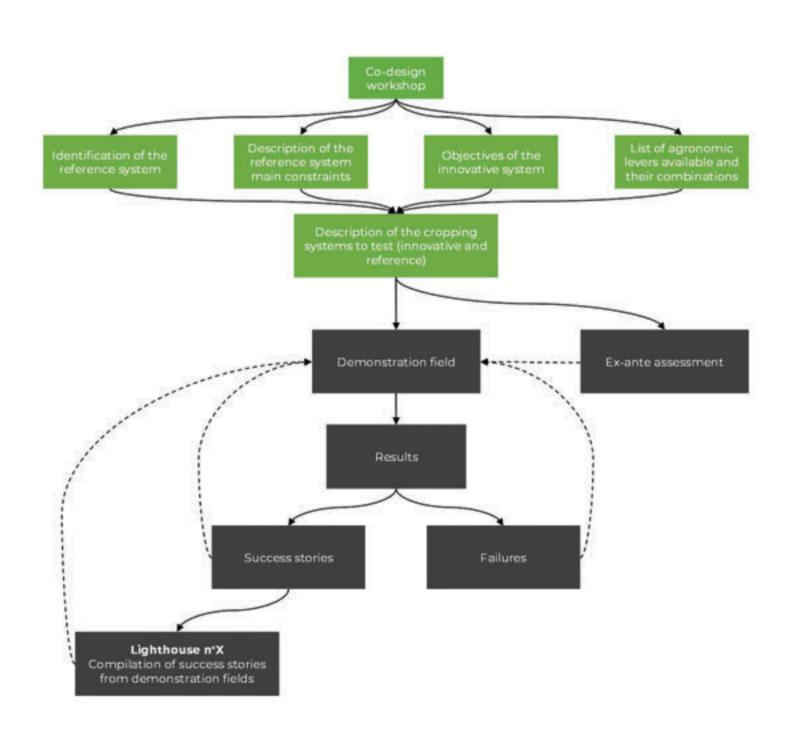
These large-scale trials allow for side-by-side comparisons of traditional vs. innovative cropping systems, ensuring that CARINA's recommendations are backed by field-proven results.

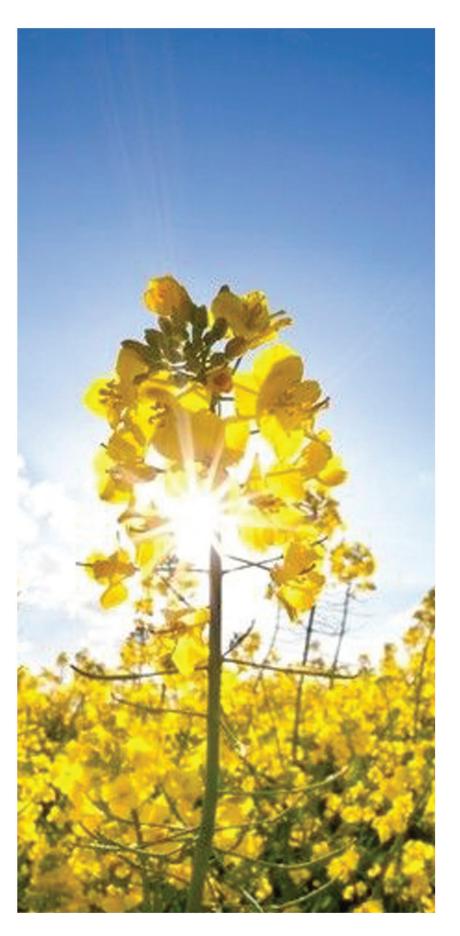
#### 3. Lighthouse Meetings & Knowledge Sharing

- 📌 Frequency: Annual meetings
- Participants: Farmers, agronomists, and advisors
- nd Objective:
- Exchange lessons learned from field trials.
- Discuss challenges, success stories, and opportunities for scaling up sustainable practices.
  - Living lab part based on real-world data.

Through these meetings, CARINA fosters a community of practice, ensuring that the knowledge generated in each Lighthouse is shared, refined, and widely implemented across different regions.

#### LIGHTHOUSE FUNCTIONING



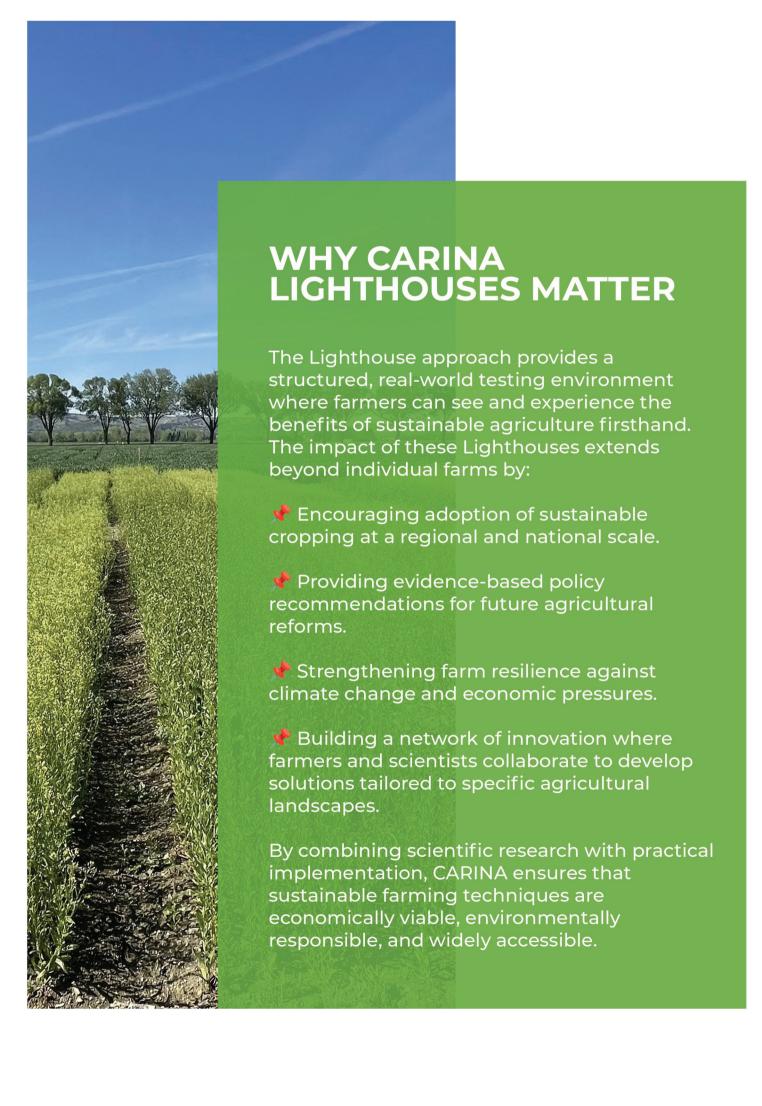


## THE ROLE OF DEMONSTRATION FIELDS

Demonstration fields are the testing ground for CARINA's climate-resilient and sustainable farming systems. These fields allow for:

- Scientific assessment of camelina & carinata under different cropping conditions.
- Measurement of economic benefits for farmers adopting sustainable practices.

Data from these demonstration fields will help shape policy recommendations and guide farmers in selecting the most effective strategies for their land.





#### **FOLLOW US**

for updates and learn more about CARINA's progress!

Website: www.carina-project.eu

Facebook: @carinaproject

LinkedIn: CARINA Project

Twitter/X: @CARINA\_Project

### SOCIAL MEDIA CHANNELS









Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Research Executive Agency. Neither the European Union nor the granting authority can be held responsible for them.