



16 Partners

Universities, research organisations and institutes, SMEs and representatives of the public sector/end-users from 10 European countries.



5 Demo Sites

Serving not only as pilot locations for refining and testing the core models and applications but also as multi-dimensional assets.



2 Open Calls

Dedicated to the farm decision making and agribusiness and targeting digital apps for policy creation and evaluation with a total budget of €400.000.

The primary goal of Nostradamus is to safeguard EU Food Security and independence in agricultural inputs by creating a centralised Data Cube Ecosystem for real-time, aggregated, and accessible agricultural data, while also developing open-source digital applications to modernise and enhance the efficiency, resilience, and competitiveness of the EU agricultural sector.



NOSTRADAMUS

Data Cube and Copernicus data for Food Security and European Independence



nostradamus-project.eu



Funded by
the European Union

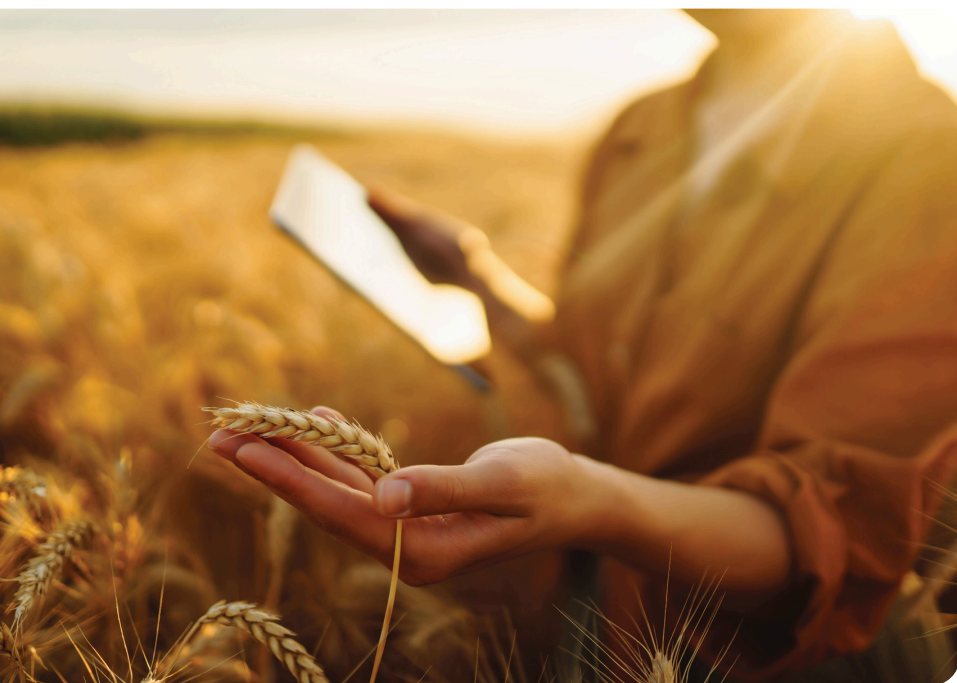
Project funded by



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER
State Secretariat for Education,
Research and Innovation SERI



Get to know Nostradamus

Nostradamus is an innovative EU-funded project dedicated to advancing the sustainability and resilience of the agricultural sector in alignment with the Farm to Fork strategy, the Common Agricultural Policy, and the European strategy for data. By developing a robust, near-real-time digital platform, Nostradamus harnesses the power of Earth Observation, IoT and advanced algorithms to optimise resource use, enhance yields, and promote sustainable farming practices.

Diverse consortium

Our consortium unites 16 partners from 10 European countries, including universities, research institutes, SMEs, and public sector representatives, ensuring a rich, multi-disciplinary approach. With five demonstration sites across diverse biogeographical and socio-economic regions, Nostradamus will refine and test its applications in real-world settings while fostering collaboration among stakeholders such as farmers, policymakers, and scientists.

WHY Nostradamus?



Why Nostradamus for the agricultural sector?

Nostradamus empowers the agricultural sector by providing key actors with aggregated and up-to-date information, user-friendly digital tools, and essential skills to optimise farm decision-making, enhance policy creation and evaluation, and promote sustainability. By adopting an inclusive multi-actor approach and leveraging Agricultural Knowledge and Innovation Systems (AKIS) and the EIP-AGRI initiative, the project ensures that diverse perspectives, needs, and challenges are addressed, fostering a more resilient and efficient agri-food chain, even in areas with limited connectivity.



Why Nostradamus for open-source digital solutions?

Nostradamus leverages diverse data sources to develop and optimize edge, cloud, and mixed digital solutions, ensuring interoperability, transparency, and high performance in algorithm development. By advancing open-source technologies and fostering decision-support systems, the project enhances the sustainability and competitiveness of the agricultural sector, addressing environmental, socio-economic, and administrative needs. Additionally, it lays the groundwork for future technological advancements in EU agriculture, setting a standard for innovation and collaboration.



Why Nostradamus for European independence and Food Security?

Nostradamus empowers EU independence and food security by providing digital decision-making tools and live data sources to support farmers, policymakers, and other stakeholders in maintaining a resilient and sustainable agricultural sector. Through high-quality data and multifunctional digital applications, the project addresses rising food prices, input costs, and supply chain challenges, aligning with EU strategies like the Green Deal and CAP. By fostering collaboration through a multi-actor approach, Nostradamus ensures efficient, equitable, and sustainable solutions for a robust agri-food system.