

LIFE ADA - ADaptation in Agriculture

PROJECT LOCATION: Italy

BUDGET INFO:

Total amount: 1,975,000 €

% EC Co-funding: 54.89%



DURATION: 01/09/20 - 31/12/23

PROJECT'S IMPLEMENTORS:

Coordinating Beneficiary: UnipolSai Assicurazioni S.p.A

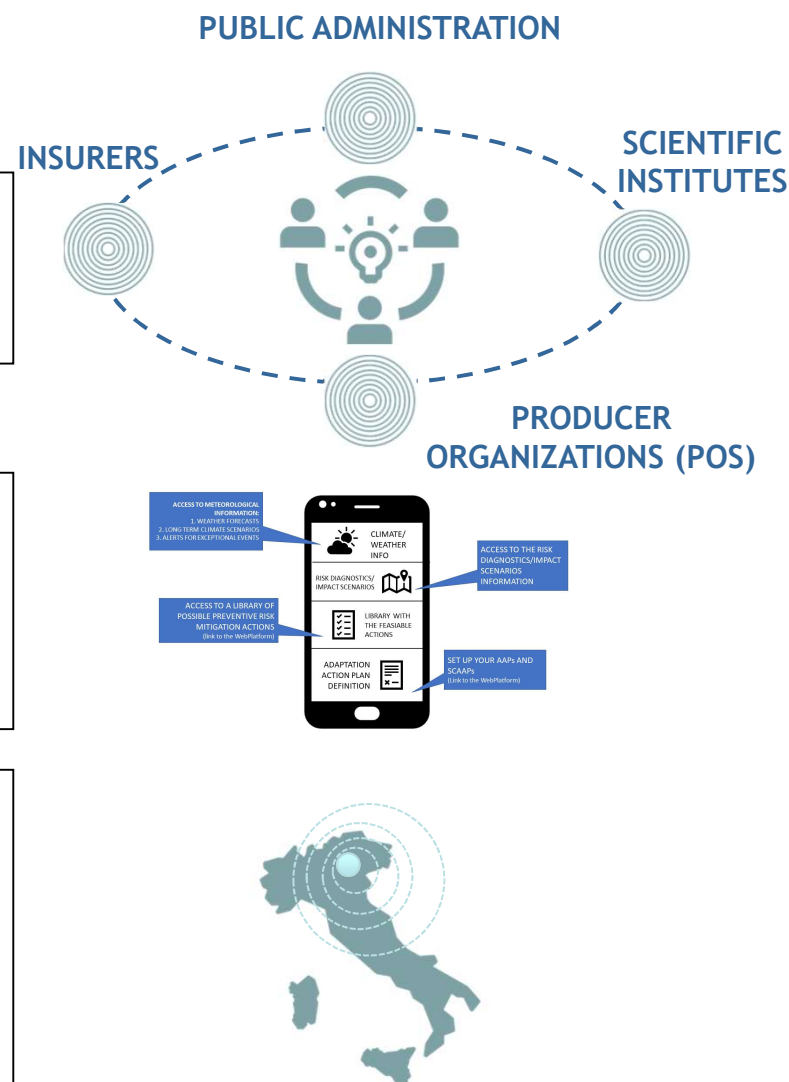
Associated Beneficiaries: Agenzia per la Prevenzione, l'Ambiente e l'Energia dell'Emilia-Romagna; C.I.A. - AGRICOLTORI ITALIANI; Consiglio per la Ricerca in agricoltura e l'analisi dell'economia agraria - Centro Politiche e Bioeconomia; Circolo Festambiente; Legacoop Agroalimentare Nord Italia; Leithà S.r.l; Regione Emilia-Romagna.

PROJECT'S HIGHLIGHTS

ADA aims at boosting the resilience to climate change along 3 agricultural supply chains through the implementation of an **innovative Public-Private Partnership (PPP)** between:

ADA will build a tool designed for POs and individual farmers to **support their decision-making process to define and implement effective and concrete adaptation plans** at farm level and at supply chain level.

ADA will be a **demonstration project** that will implement, test, evaluate and disseminate an innovative model of adaptation governance. Following a **pilot test** in the Emilia-Romagna Region, the project will be **replicated** in 3 additional Regions (Lazio, Tuscany and Veneto).



OBJECTIVES & SCOPE

Main project's targets are individual farmers and POs in three value chains: dairy (Parmigiano cheese), wine, fruit and vegetables, with some focus on quality chains and Geographical Indications Products given their specific vulnerability and value for the local economy and environment.

Through the building of a PPP between insurers, public administration (Regions), scientific institutes and POs, main project's objectives are:

- transferring **knowledge** on climatic scenarios together with risk management and adaptive measures to enhance farmers' capacity to tackle current and future climate risks;
- building proper **tools** to support their decision-making process in shaping efficient adaptation plans at farm and supply chain level;
- framing a coherent **policy strategy** at regional level to support farmers' adaptive planning;
- fostering an innovative approach in the **insurance** sector aimed to build farmers' capacity on risk reduction, in order to maintain their insurability in the long-term, despite the increase of catastrophic and systemic risks.

EXPECTED IMPACTS

ADA's main expected impacts are damage prevention and reduction and the maintenance of the value produced along the value chain, due to the increased farmers' capacity to implement efficient adaptation strategies and to manage climate related risks.

OBJECTIVE	INDICATORS	AT THE END OF THE PROJECT	3 YEARS AFTER THE PROJECT
Improved Environmental and Climate Performance (including resilience to climate change)	CO ₂	-1% change	-2% change
	NH ₃	-2% change	-3% change
	Improved resilience to flooding	3% change (15,000 farmers)	6% change (30,000 farmers)
		3,5% change (450,000 hectares improved conditions)	5% change (600,000 hectares)
Better use of natural resources	Reduced water consumption	-5% change (-120 m3/ha/year)	-7% change
	Reduced energy consumption	-5% change (-550 kWh/year)	-7% change
Sustainable land use, agriculture and forestry	Areas of agricultural land under sustainable management	17% change (total utilised agricultural area of the 3 supply chains involved in the project at national level)	23% change
Other	Number of individuals that use the webtraining	250 farmers attend training workshops / 12,000 individuals use the webtraining	20,000 individuals use the webtraining
	Climate change adaptation planning at farmers' level	250 Adaptation Action Plans (AAPs) implemented	600 AAPs implemented
		6 Supply Chain Adaptation Action Plans (SCAAPs) implemented	15 SCAAPs implemented
		15,000 farmers that use ADA tool	30,000 farmers that use ADA tool
	Climate change adaptation public planning	1 regional strategy document for climate change adaptation in the 3 supply chains	5 regional strategy documents for climate change adaptation in the 3 supply chains
		5 regional financial measure schemes	10 regional financial measure schemes

POLICY IMPLICATIONS

ADA's added value is that it will contribute to the climate objectives from a triple level:

1. International Level: it contributes to the UN Agenda 2030 SDGs achievement (primarily SDGs 2, 12 and 13) and Sendai Framework for Disaster Risk Reduction.

2. European Level:

- a) ADA pursues 3 of the 9 specific objectives set by the European Commission's proposal for the new CAP 2021-2027 (COM (2018) 392);
- b) It builds upon the role that insurers can play in promoting risk prevention and management (as called upon by the European Commission in COM (2013) 213 and COM (2013) 216);
- c) In drafting adaptation action plans and monitoring the project's impacts, ADA will focus on synergies between different EU environmental and climate policies: soil, water, flood, resource efficiency, biodiversity and green production.

3. National and regional level: it will contribute to the achievement of the national and regional adaptation strategies' objectives and of the national and regional rural development programs that will result from the new CAP 2021-2027.

CONTINUATION (REPLICATION, TRANSFER, MARKET UPTAKE)

The replicability and transferability of the project will be ensured towards:

- **other Regions:** thanks to the work of partners who can count on their own national networks and its members. The involvement of important OPs and aggregated forms of farmers who adhere throughout the Italian territory will guarantee the spread of the project in other Italian Regions (in addition to the 4 involved in the project);
- **other insurance companies** (national and European): through seminars with insurance associations, insurance cooperatives and representatives of the insurance sector;
- **other EU member states:** through seminars with European networks of insurers, public bodies and trade unions;
- **other value chains** besides the three value chains involved in the project.

Specific guidelines will be drafted for Regions, insurance companies and Producer Organizations: they will be available in both Italian and English and will be a tool for transferability and replicability.