

16th January 2023



# PRIMA INFO DAY 2024

**AWP2024-1.3.1 (IA)- Developing Cost-effective & Sustainable Technologies adapted to Mediterranean Food Systems to decrease Food Loss & Waste.**

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PRIMA Project Officer



## Topic 1.3.1 IA

## Section1



**Developing cost-effective and sustainable technologies adapted to Mediterranean Food Systems to decrease food loss and waste.**

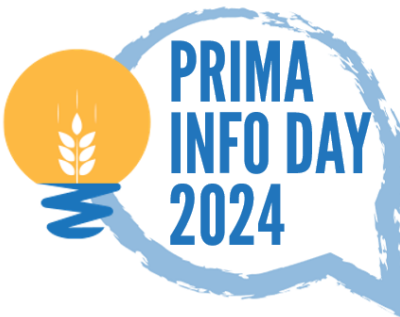
**Deadline Stage 1: 02/04/2024**

# STRUCTURE

**CHALLENGES**

**SCOPE**

**EXPECTED IMPACTS**



DISCLAIMER Preliminary information, AWP has not been approved by European Commission yet

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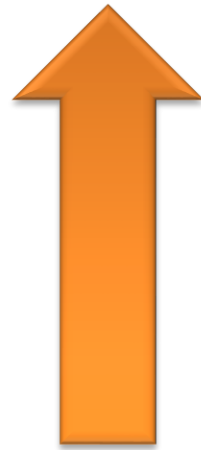
@PRIMAPROGRAM



# CHALLENGES

## GLOBAL FOOD CRISIS

PRODUCTIVITY



SHELF LIFE



FOOD LOSSES

CLIMATE



INFRASTRUCTURE



COVID-19



WARS & POLITICAL UNREST



## Deployment & demonstration of sustainable solutions to reduce food losses and waste, save energy, and enhance food safety

Green Technologies

Renewable Energy Sources

genetic-based plant varieties

Exploitation and Dissemination

Scalable, Sustainable, Cost-effective, and tailored

Solar  
Wind  
Biomass  
by-products

shelf-life and suitability for long-term storage

Previous Projects  
KERs

active and intelligent packaging

Policy Recommendations

Training and Building Capacities

BUSINESS MODELS

economic, social, and environmental barriers and impact

Scaling up and out  
Sustainability

Gender Dimension



DIGITAL REVOLUTION



CAPACITY BUILDING



Multi-Stakeholders



# EXPECTED RESULTS | IMPACTS

## GREEN SOLUTIONS

to reduce FLW along the entire food value chain

## IMPROVE FOOD QUALITY

Of the the nutraceutical and sensorial levels.

## INTERACTION BETWEEN STAKEHOLDERS

farmers, smallholders, and large retailers, facilitating better management and potential price reductions

## RESOURCE-EFFICIENT PRESERVATION AND STORAGE TECHNOLOGIES

for food safety, leveraging innovative solutions, including microbiome-based solutions

## ALTERNATIVE ENERGY SOURCES / ICT

improving resource management and interactions within the value chain.

## INNOVATIVE SOLUTIONS

to improved efficiency and cost reduction post-harvest.

## REPURPOSE WASTE AND BY-PRODUCTS

to create value-added products, thereby promoting resource efficiency and sustainability



# KEY PERFORMANCE INDICATORS



## ↓ Food Losses & Wastes

**% reduction in food losses and waste**

Baseline levels of food losses and waste within the project

## ↑ Stakeholder Collaboration

**% increase in interaction between different stakeholders in the food supply chain**

Existing levels of interaction between stakeholders within the project

## ↑ Efficiency | Cost Reduction

**% increase in utilization of RE & ICT solutions**

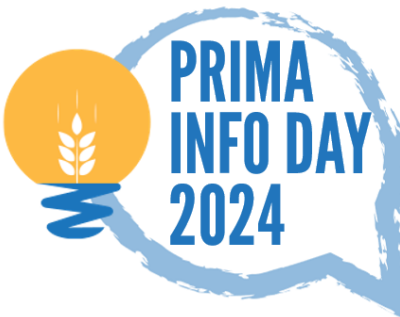
Current usage of alternative energy sources and ICT solutions within the food value chain within the project.

## ↑ Food Quality

**% improvement in food quality at the nutraceutical and sensorial levels**

Baseline quality levels of food at the nutraceutical and sensorial levels within the project

# LINKS WITH PRIMA/EU POLICIES



## SRIA PRIORITY 2

## OPERATIONAL OBJECTIVES



- /7 REDUCE LOSSES AND WASTE

/8 NEW FOOD BUSINESS MODELS.





# LINKS WITH SDGS



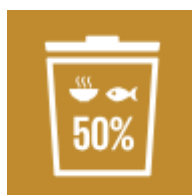
**SUSTAINABLE DEVELOPMENT GOALS**  
17 GOALS TO TRANSFORM OUR WORLD



**TARGET 2.1 UNIVERSAL ACCESS TO SAFE AND NUTRITIOUS FOOD**



**TARGET 2.4 SUSTAINABLE FOOD PRODUCTION & RESILIENT AGRICULTURAL PRACTICES**



**TARGET 12.3 HALVE GLOBAL PER CAPITA FOOD WASTE**



**TARGET 12.5 SUBSTANTIALLY REDUCE WASTE GENERATION**



**TARGET 12.9 SUPPORT DEVELOPING COUNTRIES' S&T CAPACITY FOR SUSTAINABLE C&P**



**TARGET 13.3 BUILD KNOWLEDGE AND CAPACITY TO MEET CLIMATE CHANGE**



# PRIMA INFO DAY 2024

# Thank you

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