Las temáticas de la Sección II de la Convocatoria de PRIMA 2025

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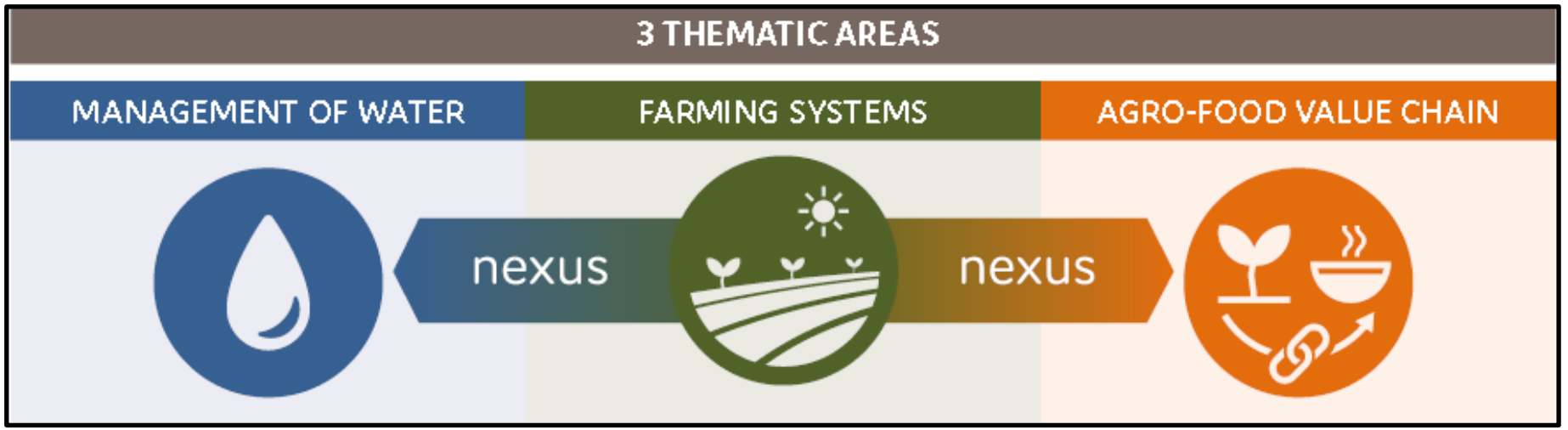
Los retos de la cuenca del mediterráneo

La sobre-explotación de los **recursos naturales**, el **cambio climático**, los desequilibrios demográficos y sociales

La producción y gestión sostenible de **Agua y Alimentos**

Desarrollo socio-económico, bienestar de las **personas** y la estabilidad de toda la cuenca mediterránea y de Europa

Aproximación sistémica tipo “Nexus”



Cross-cutting themes

SOIL SUSTAINABILITY

FOOD SECURITY

Cross-cutting technologies and approaches

DIGITAL REVOLUTION

SOCIO-ECONOMIC RESEARCH AND STAKEHOLDERS INVOLVEMENT

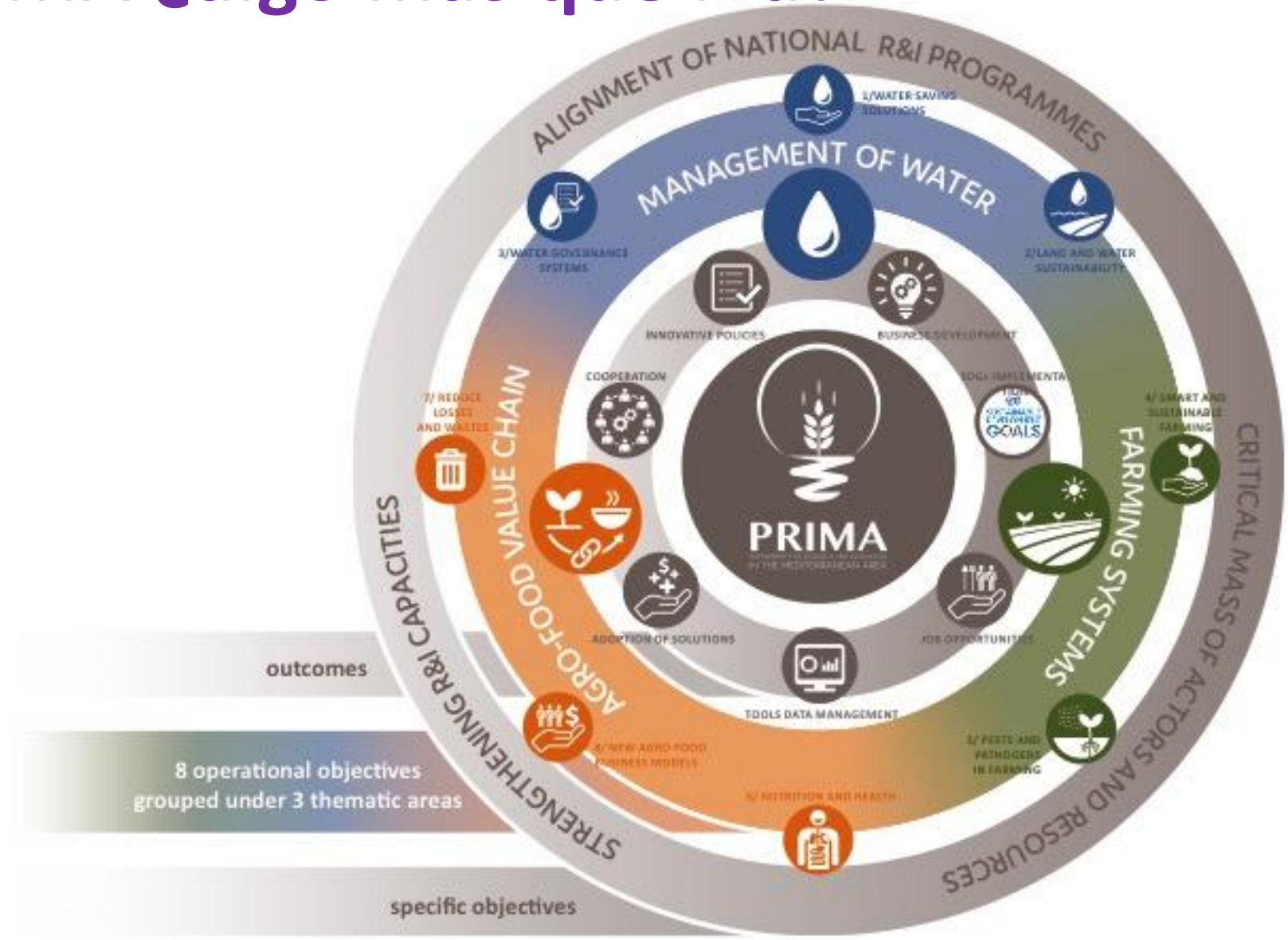
CAPACITY BUILDING

PRIMA y Las Personas

Centro de Investiga

PRIMA
PARTNERSHIP FOR RESEARCH AND INNOVATION
IN THE MEDITERRANEAN AREA

PRIMA ¿algo más que I+d?



Consideraciones generales

- Es importante seleccionar socios de países que destinen mayor presupuesto y que puedan financiar más Proyectos
- Impactos y aspectos socio-económicos. Actividades en el terreno, transversales y que cubran la cadena de valor y si es posible en colaboración público-privada
- Fijarse en los criterios de evaluación y la guía para los evaluadores. Apuntarse como valorador externo si no se tiene intención de solicita propuesta
- Preparar muy bien la parte del impacto y de los *Key performance indicators* (KPI). Cubrir también los KPI que se mencionan en la SRIA

Consideraciones sobre algunos Topics “Water”

- Topic 2.1.1-2025 (RIA) Enhancing Policy Development through Impact-Driven Water Footprint and Virtual Water Concepts in the Mediterranean Region.
- Topic 2.2.1-2025 (RIA) Upscaling Agroecology Practices at the Farm Level in the Mediterranean
- Topic 2.3.1-2025 (RIA) Towards a Plant-Based Alternative Protein products Transition in the Mediterranean Region

Expected Impacts

- National **policies on water management** decisions are revised based on the water footprint concept
- Connecting the **water footprint** with the **water-energy-food-ecosystems Nexus concept** and its added value in the Mediterranean region;
- Strengthen resilience to climate change impacts by integrating water footprint considerations into adaptation strategies;
- **Economic benefits of reducing water footprints**, including cost savings from improved water efficiency and potential revenue from sustainable water use practices;
- **Facilitate a dialogue** among city regulators, water utilities, communities, farmers and stakeholders, to exchange best practices and lessons learned in managing water footprints.
- Encourage the adoption of **crop varieties and industrial practices that require less water**, while **increasing the use of treated and reused water sources**, to **alleviate pressure on freshwater resources in the Mediterranean**

Proposals should cover:

- Evaluate **national policies and regulations** on water management decisions from the perspective of water footprint
- Define the **limitations of common water footprint and virtual water concepts** and propose methodologies to improve them.
- Analyse **virtual water trade to manage** the impacts of cross-border product trade on water resources and external chocks. Water scarcity footprint should be assessed for local and imported agricultural products.
- **Analyse, through case studies, the green, blue water and grey footprints at river basins with a focus on the main strategic crops and breeds**.
- Model and predict future changes and trends in water footprint and virtual water trade, considering their broader impacts.
- Recommend institutional and regulatory reforms guided by impact-driven water footprint and virtual water concepts.
- Establish a Water Footprint Network in Mediterranean countries Encourage Water-Efficient Practices:
- **Promote the use of less water-demanding crops and the implementation of systems for water recycling and reuse in agriculture and industry**. These measures are critical for enhancing water conservation efforts, supporting sustainable water management, and improving water efficiency in the region.

Upscaling Agroecology Practices at the Farm Level in the Mediterranean

Expected Impacts

- Increased understanding, adoption, and implementation of **agroecological practices**, with a focus on **small-scale farmers**.

- Generation of evidence showcasing agroecology's potential in addressing **climate change through mitigation and adaptation**, highlighting its climate neutrality, biodiversity impact, and capacity to enhance farm socio-economic resilience.

- Formulation of **policy recommendations aimed at supporting the scaling up of agroecology practices** that should recognise the pivotal role of state regulations and support alongside business models. These recommendations should encompass a range of incentives, regulations, subsidies, and other policy instruments to foster sustainable agriculture and environmental conservation effectively.

- Implementation of scalable and **cost-effective carbon measurement and verification methods** tailored to agroecological practices

Upscaling Agroecology Practices at the Farm Level in the Mediterranean

Proposals should cover:

- Providing a methodology that facilitates the identification of optimal combinations of agroecological practices and strategies **to mitigate and adapt to climate change**, while also preserving biodiversity and enhancing farm profitability.
- Emphasizing the implementation of scalable and **cost-effective methods for measuring and verifying carbon sequestration efforts**, empowering farmers to accurately quantify and monetize their contributions to carbon reduction.
- The proposed practices should cover a **diverse range of crops and farming systems** encompassing both conventional and organic practices.
- Establishing **Living Laboratories**, including setting up demonstration plots, conducting participatory research with farmers, and hosting training sessions and workshops. These labs will be key to fast-tracking the adoption of agroecology practices, **emphasizing microbiological solutions**, with the aim of achieving targeted objectives across farms.
- Developing strategies for scaling out and scaling up agroecology practices beyond the project's geographical area and duration. This involves identifying pathways for **scaling, leveraging existing networks and institutions**, and creating enabling environments for sustainable agricultural development.

Expected Impacts

- This proposal will bolster research and innovation initiatives aimed at promoting and **facilitating the adoption of plant-based protein alternative products in Mediterranean diets**

- This initiative closely connects to the **Food 2030 pathway "Nutrition and Sustainable Healthy Diets**" by expanding knowledge on factors shaping **consumption choices in Southern Mediterranean countries**. Key areas of focus include evaluating the **potential market response to the increased availability of plant-based proteins and assessing consumer openness and readiness for these products**. By examining these aspects, the proposal will yield valuable insights on how plant based protein alternatives can be introduced and effectively integrated into **current dietary patterns** across the region

Upscaling Agroecology Practices at the Farm Level in the Mediterranean

Proposals should cover:

- Innovate **technologies, formulation methods, and processing techniques** to increase the acceptability, affordability, availability, and sustainability of plant-based protein alternative products (PBAPs) in Mediterranean diets. Focus on optimizing food composition and refining processing methods to enhance product quality, appeal, and shelf life.
- Conduct **studies on allergens and food intolerances associated** with plant-based protein sources, focusing on the Mediterranean region. This includes identifying potential allergens and assessing their impact on consumer health and safety to ensure PBAPs are safe and accessible.
- Assess the **nutritional value, digestibility, and sensory quality of plant-based protein alternatives**, with a particular focus on vulnerable population groups, including young people, pregnant individuals, and older adults.
- Investigate the influence of media, including social media, and education in **shaping consumer behaviour** and dietary choices, particularly regarding PBAP adoption
- Enhance **efforts to educate and inform consumers** about sustainable food choices through initiatives such as clear labeling (targeted to improve clarity for consumers), educational campaigns, and community outreach programs.

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