



The AU-EU FNSSA 2016 – 2026 Roadmap Implementation Review: Lessons Learnt and Recommendations for Designing The 2027 – 2036 Roadmap

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**R&I Conference: Boosting agrifood research and
innovation cooperation for impact at scale**

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Special Sessions' Series on Day 3 March 13 2025

Introduction

The transition to a climate-sensitive, integrated agrifood system is critical for achieving the UN Sustainable Development Goal 2, which aims to end hunger and promote sustainable agriculture

The Food and Nutrition Security and Sustainable Agriculture (FNSSA) Research and Innovation (R&I) Partnership created jointly by AU-EU to deliver on key Agricultural development challenges and opportunities.

Implementation of the FNSSA (2016-2026) is guided by a Roadmap that specifies partnerships and coordination.

The 2016 -2026 Roadmap coming to an end, its review is critical to study trends, identify opportunities, draw lessons to inform the next phase of the Roadmap (FNSSA 2027-2037)

The review of the current and support to the development of the new FNSSA Roadmap are being led by the CEA-FIRST Project, WP2, Task2.4.

Objective 1

- To identify emerging FNSSA R&I challenges and prospects

Objective 2

- To make an overall and independent assessment of the past performance of the FNSSA Roadmap, focusing on the outputs and outcomes of the eight years [2016 -2024] implementation of the Roadmap

Objective 3

- To make recommendations for the new phase of implementation

Desk Review with two parts:

- a. Synthesis review of emerging R&I challenges and prospects *and*
- b. Impact Oriented Review (IOR) of the outputs and outcomes

Methodology

Online surveys conducted to provide more insights on the impact achieved

Multi-stakeholder consultations held involving stakeholders from Africa & Europe

Write-up of Document Reports

CEA FIRST Project implementation - Status Update

Task 2.4. Support the update of the 2016-2026 FNSSA Roadmap with new Research and Innovation priorities to guide the AU-EU R&I investments for the period 2027-2036



DELIVERABLE D2.10

FNSSA roadmap 2016 – 2026 review report



DELIVERABLE D2.11

Recommendations of R&I priorities for updating the Roadmap 2016-2026 into the new Roadmap 2027 - 2036



SUPPORT THE DEVELOPMENT OF THE NEW ROADMAP

Annotated Recommendations



SUPPORT THE DEVELOPMENT OF THE NEW ROADMAP

ToRs for the 5+5 Experts for crafting the new Roadmap

Demographic shifts and Governance

- Population growth
- Urbanisation
- Migration
- Democracy
- Regional integration
- One Health

Environment

Some projects are concluded

- Climate change
- Land use and land cover change and its importance to agriculture in Africa
- Resilience
- Mitigation and adaption
- Climate smart agriculture
- Biodiversity

•Others are still on-going

Economic growth

- Science solutions and research innovations
- Remote sensing
- Digital economy
- Sustainable intensification
- Development financing
- Entrepreneurship
- Markets and Trade



The AU – EU FNSSA Roadmap 2016 – 2026 was implemented around four priority areas

- **Priority Area 1** – Sustainable Intensification
- **Priority Area 2** - Agriculture and food systems for nutrition
- **Priority Area 3** - Expansion and improvement of agricultural markets and trade and
- **Priority Area 4** - Crosscutting issues (improved coordination between European and African FNSSA R&I projects)

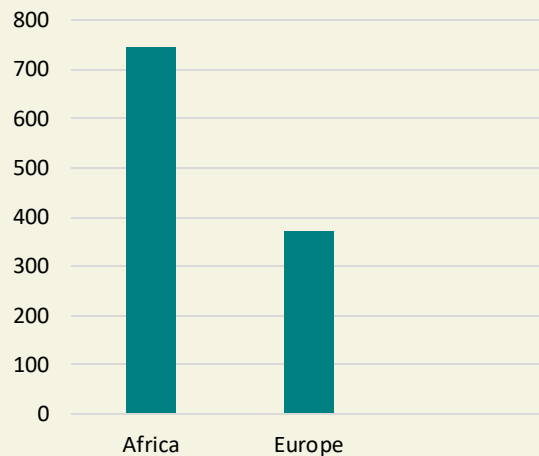
600 Projects were funded and implemented under the Roadmap

- **Some projects are concluded**
- **Others are still on-going**

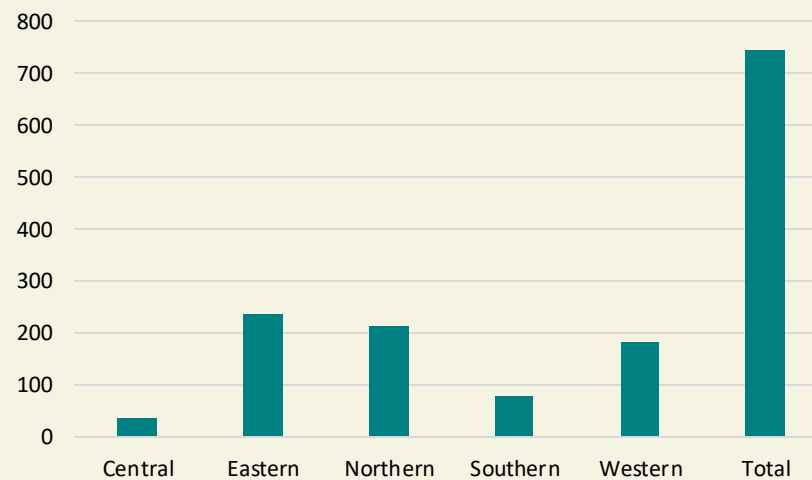
Projects implemented in the four priority areas are well aligned with policies

- **Global level** : SDGs
- **Africa**: CAADP & AU Agenda 2063
- **Europe**: Europe Green Deal and Farm – To – Fork Strategy
- **Africa & Europe partnership**: AU – EU Innovation Agenda

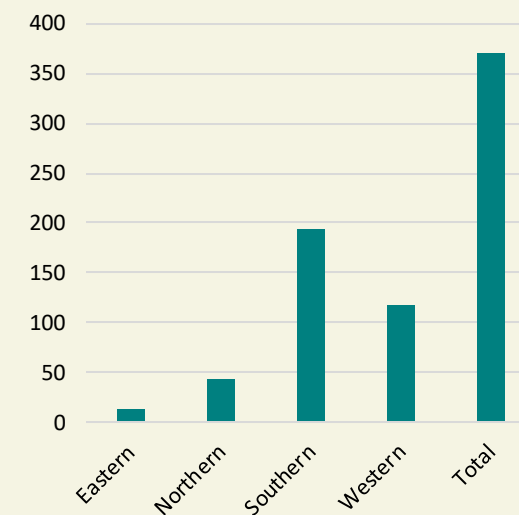
No. of projects in FNSSA database



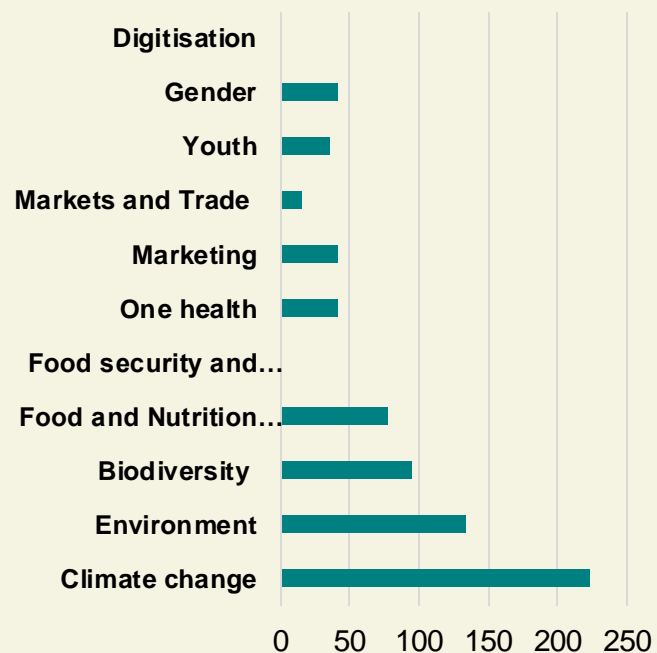
No. of projects in Africa



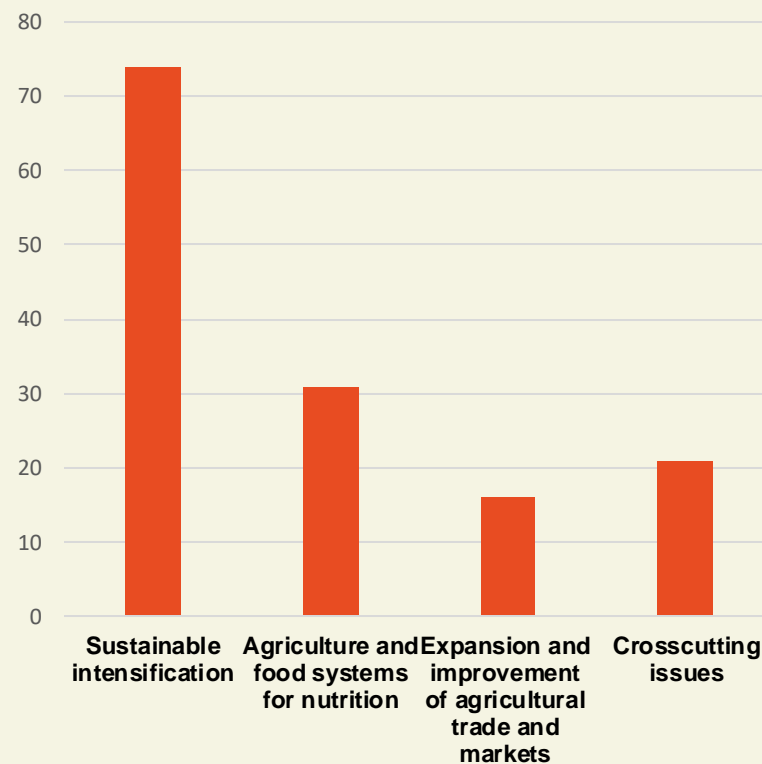
No. of projects in Europe



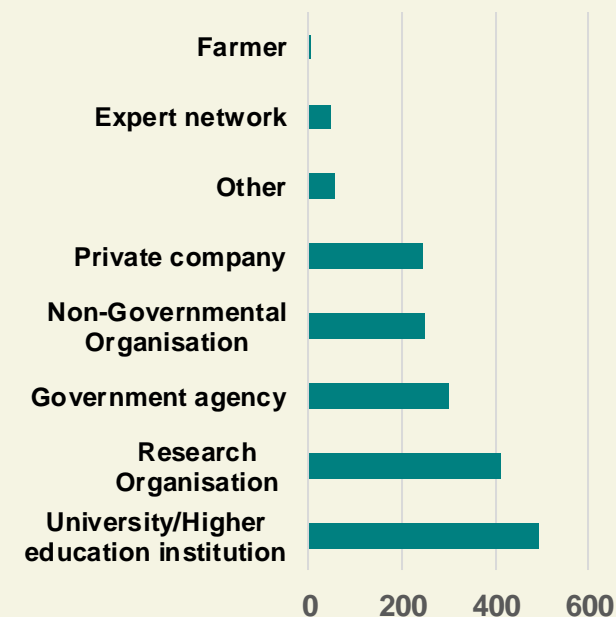
Coverage of specific issues (No. of projects)



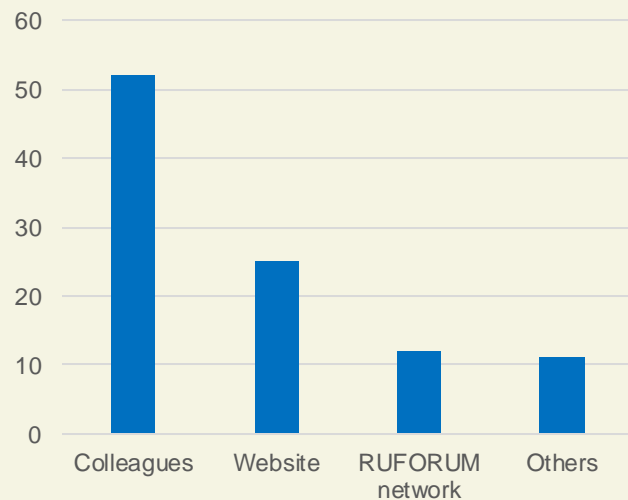
Priority themes in % of total projects



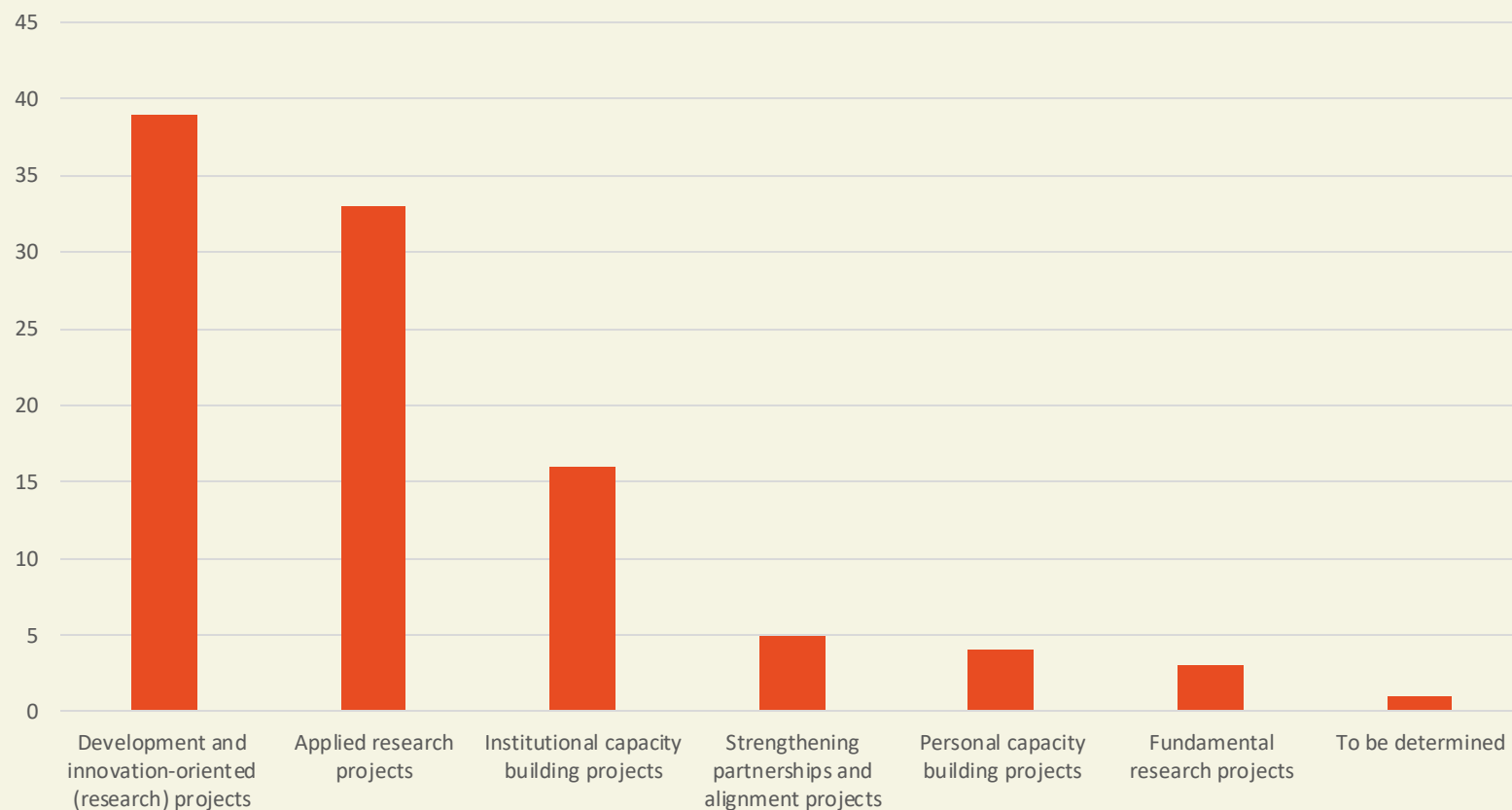
Considerable imbalance in involvement of the full range of stakeholder groups in FNSSA projects (No. of projects)



Source of information on FNSAA
(percentage)



Portfolio of FNSA R&I implemented: 88% focused on key development issues





Emerging recommendations for the 2027-2036 Roadmap

Sylvie Lewicki, CIRAD



Preliminaries recommendations for the 2027-2036 Roadmap

Analysis of 2016-2026 Road Map projects

Desk reviews of key EU & AU policies

AU & EU Stakeholders workshops

Boosting R&I Cooperation for Impact at scale : key points

**Priority
themes
for the new
roadmap**

- 1 Sustainable intensification, with a focus on agroecology principles**
- 2 Agriculture and food systems for nutrition, in relation to one health approach and malnutrition**
- 3 Expansion and improvement of agricultural markets and trade, as a support to human, social and economic development**



Priority Themes For the new Roadmap

4 Climate Change, adaptation mitigation and resilience for a sustainable agricultural development and countries climate strategies implementation.

5 Biodiversity and ecosystems conservation, in relation to soil health and water management.

**Priority
Themes
For the new
Roadmap**

6 Crosscutting issues

- Reducing food losses along agricultural value chains
- Human Capital in relation to the demographics issues
- Jobs creation, Entrepreneurship
- Digitalization, Big data management, Artificial intelligence - Inclusion : women, youth ...

>>> Improved coordination and partnerships between European and African FNSSA policies, institutions and R&I projects

The new roadmap must put emphasis on institution and human capital enforcement to ensure:

Capacity Development Strengthening

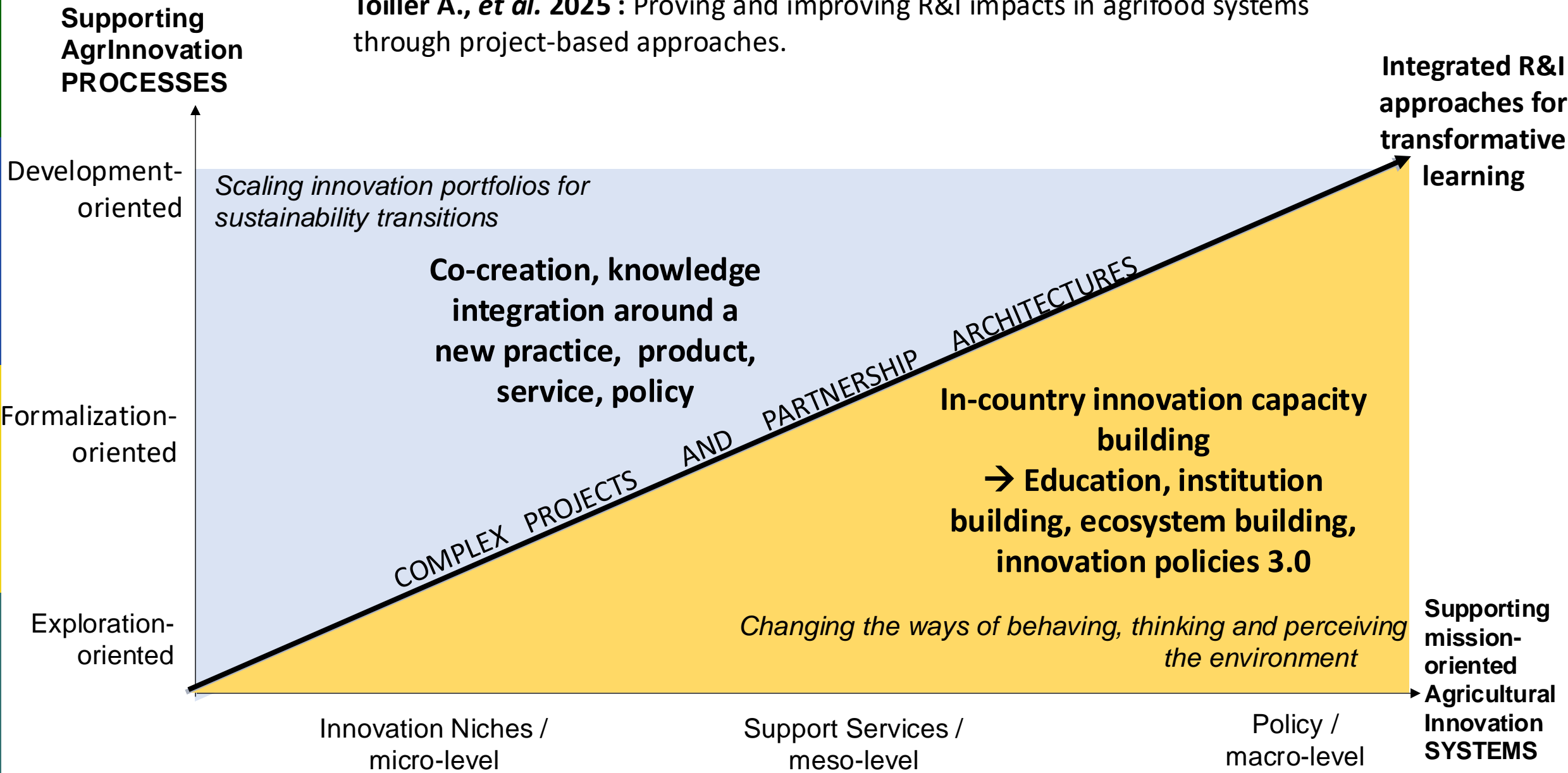
Capacity for coordination, management, delivery and innovation especially in countries with limited capacity

This include among others:

- MSc and PhD training to contribute to the STYIP goal of training 100,000 PhD in the current decade
- Capacities for data collection and analysis
- Building administrative capacity of Partnership project support staff
- Build capacity to facilitate policy awareness
- create a better common understanding at the science-policy interface
- Promote dialogue, learning and reflection on the content of the all major policy frameworks in Africa and Europe so that there are opportunities for IRC to promote the roadmap
- Strengthen the IRC's capacity to integrate policies, which will improve the effectiveness of its mission while ensuring that the roadmap is aligned with policies.

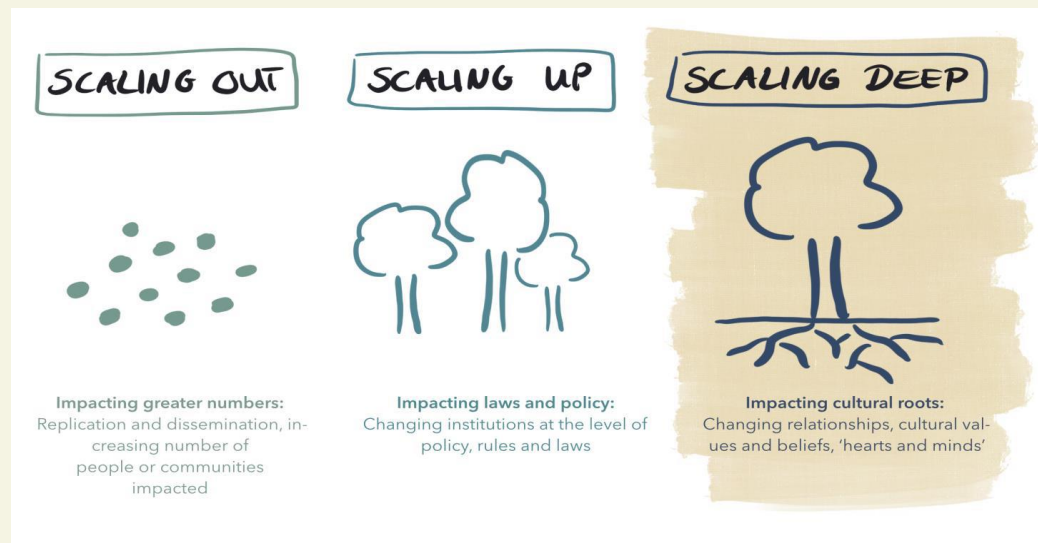
Generating impacts with international R&I interventions

Toiller A., et al. 2025 : Proving and improving R&I impacts in agrifood systems through project-based approaches.



Success factors for scaling out, up and deep

- Capacity building, included functional dimensions
- Institutional strengthening
- Funding mobilization
- Science Society Policy Interfaces





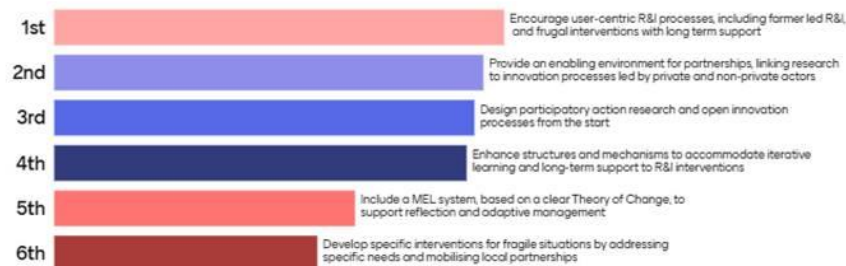
CEA-FIRST

Consortium Europe-Africa on Research and Innovation for Food Systems Transformation

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Mentimeter

Recommendations on doing research



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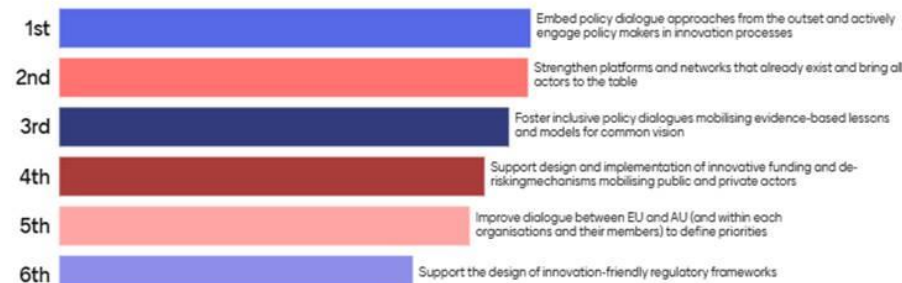
Recommendations on multi-actor approach



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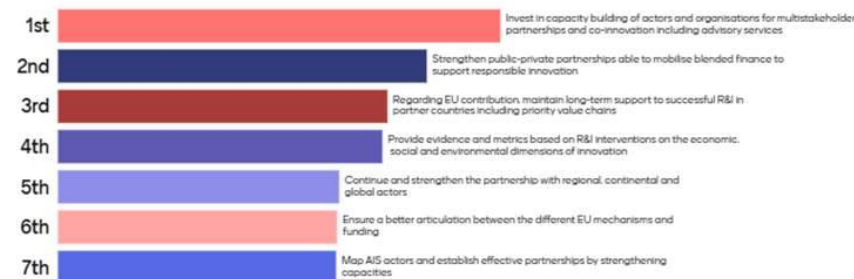
Recommendation on policy for innovation



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Recommendation on Agricultural Innovation Systems



Conference discussions



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You