



Subgroup on Innovation for agricultural productivity and sustainability 21st meeting 10 March 2022

#RNSubInnovation - @EIPagri_SP

Subgroup on Innovation – 21st meeting





An Roinn Talmhaíochta,
Bia agus Mara
Department of Agriculture,
Food and the Marine

Agricultural Knowledge & Innovation System (AKIS)

March 2022

Ireland

New Food Systems Strategy August 2021 #foodvision2030: Food Systems Approach

Mission 4: Mission 4 – An Innovative, Competitive and Resilient Agri-Food Sector, Driven by Technology and Talent

Goal: Develop a Dynamic Knowledge Exchange Environment

Direction: Address key challenges including an Climate-Smart, Agro-Ecological, Digital, Biobased & Just Transition

Diffusion: Rate of Diffusion of Science, Technology, Innovation & Knowledge

AKIS Strategic Development



DAFM - AKIS Strategic Development Process

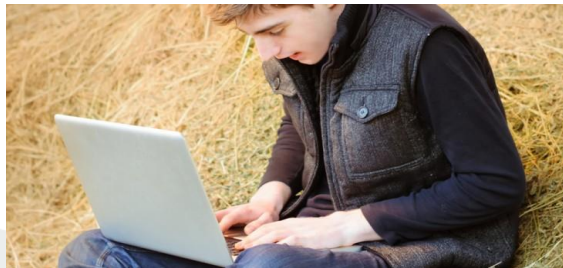


AKIS & Agri-Digitalisation description

Draft CAP AKIS SWOT

Consultation with stakeholders

CAP Strategic Plan



Rialtas na hÉireann
Government of Ireland

Contents

- a) CURRENT AKIS PUBLIC POLICY, STRATEGIC AGENDAS & ROADMAPS
- b) CURRENT AKIS RELATED INVESTMENT & INFRASTRUCTURE
- c) INTERNATIONAL CONSIDERATIONS ON DEVELOPING AKIS POLICY
- d) DEFINING FUTURE AKIS POLICY
- e) SWOT ANALYSIS
- f) ANNEXES

Initial Step: Background Papers on AKIS & Agri-Digitalisation



CPD for Advisors



Purpose:

- Provide support and resources for the up-skilling and the continuous professional development of **public & private advisors**
- Enhance knowledge base and ensure familiarity with the latest practice, techniques, technologies, and regulatory and scheme requirements in a rapidly changing agricultural industry

Approach:

- Blended approach to learning incorporating online and in-person learning in a manner consistent with existing FAS training delivery
- Online platform & module tendering process.
- Financial allocation of €1.9m for the period 2023-2027.
- Built-in AKIS development requirements:
 - *Latest R&I developments*
 - *Outputs for KT measure*
 - *Development of interactive innovation skillset*
 - *Development of agri-digitalisation skills*



Purpose:

- Provide farmers with a platform to share knowledge and to engage in peer-to-peer learning
- Targeted at key challenges and issues identified - whilst maintaining a degree of flexibility to tailor content to own experience, circumstances and requirements.

Approach:

- High quality and targeted advice to farmers through KT Groups, delivered by professional (public & private) agricultural advisors (KT Facilitators) with appropriate FAS training, CPD, experience and expertise.
- Each year, each Knowledge Transfer Group - deliver four meetings from a list of 'Priority KT Topics' & four meetings on topics decided by the Group itself. Priority KT Topics' must incorporate delivery from an appropriate external expert.
- Each KT Facilitator will hold a one to one meeting with each farmer in his/her group in order to set goals for the programme and report on progress in relation to same.
- The total indicative financial allocation for this intervention is €71.1m for the period 2023-2027.
- Built-in AKIS development requirements:
 - *Latest R&I developments*
 - *Development of interactive innovation skills and approaches*
 - *Develop place-based innovation and data driven decision making*

Knowledge Transfer



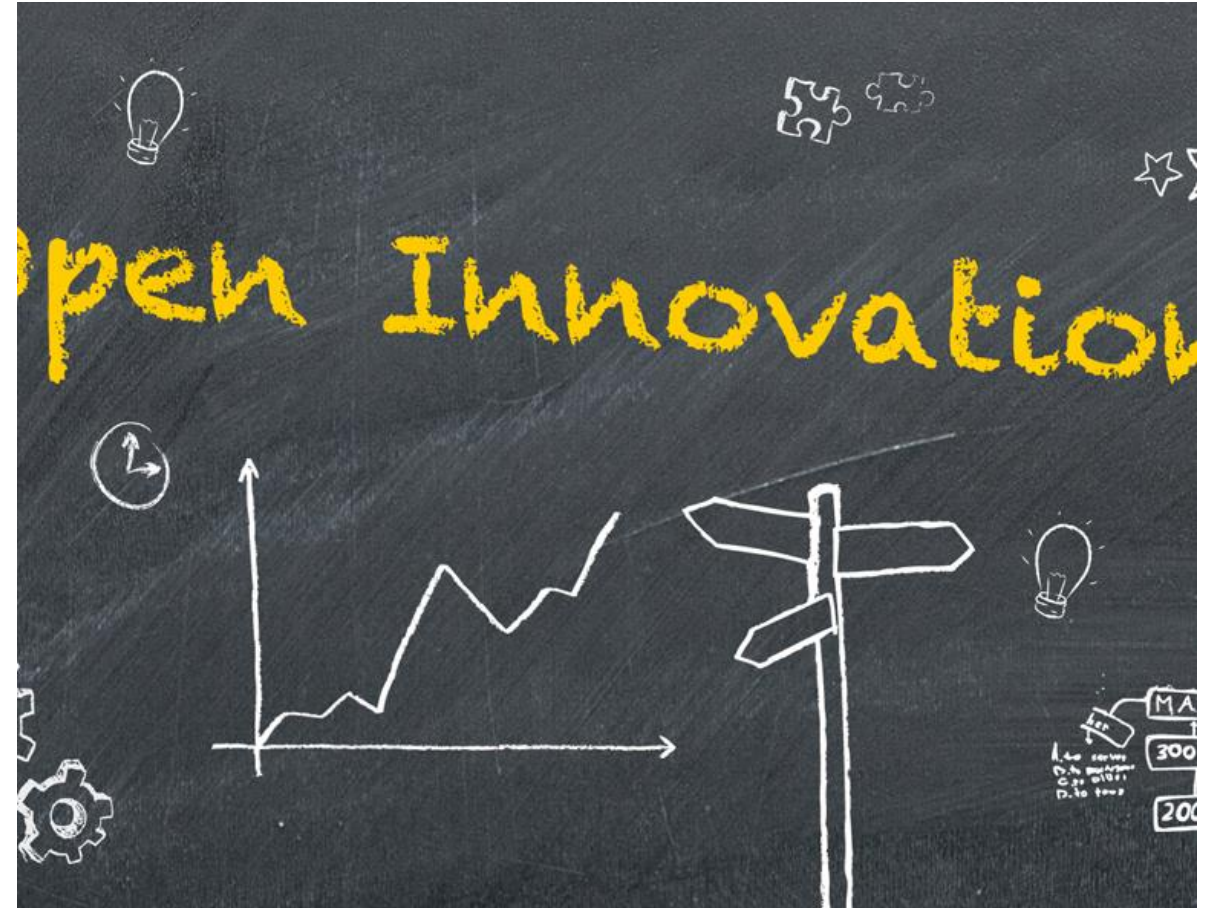
Purpose:

- Provide support to a range of actors in the agricultural sector to form Operational Groups (OGs) to develop and test innovative solutions

Approach:

- Competitive calls for proposals for innovative projects related to specific challenges
- Stream A – competitiveness, modernisation, structural and animal health and welfare challenges
- Stream B – environmental, biodiversity, climate change challenges.
- The total indicative financial allocation for this intervention is of €36.12m for the period 2023-2027.
- Built-in AKIS development requirements:
 - *Specific themes: generational renewal, gender balance, environmental challenges, uptake of agri-digital tools, and integration & development of bioeconomy at farm level*
 - *Link to CPD & KT developments*

Cooperation – EIP AGRI



Purpose:

- Support a community led local development (CLLD) approach to rural development by funding initiatives that emerge at a local level that aim to address local challenges and needs

Approach:

- Support under this intervention is provided to Local Action Groups (LAGs) to implement pre-defined Local Development Strategies (LDSs) in their local areas.
- Each LDS examine the potential within the LDS process and in the context of an integrated regional and local planning approach on themes including Sustainable Development of Rural Environment and Climate Change Mitigation.
- The total indicative financial allocation for this intervention is €180 Million for the period 2023-2027..
- AKIS related considerations:
 - *Living Labs e.g.*
<https://circularbioeconomyalliance.org/living-labs/>
 - *CPD*
 - *Development of interactive innovation skillset*

Cooperation - LEADER



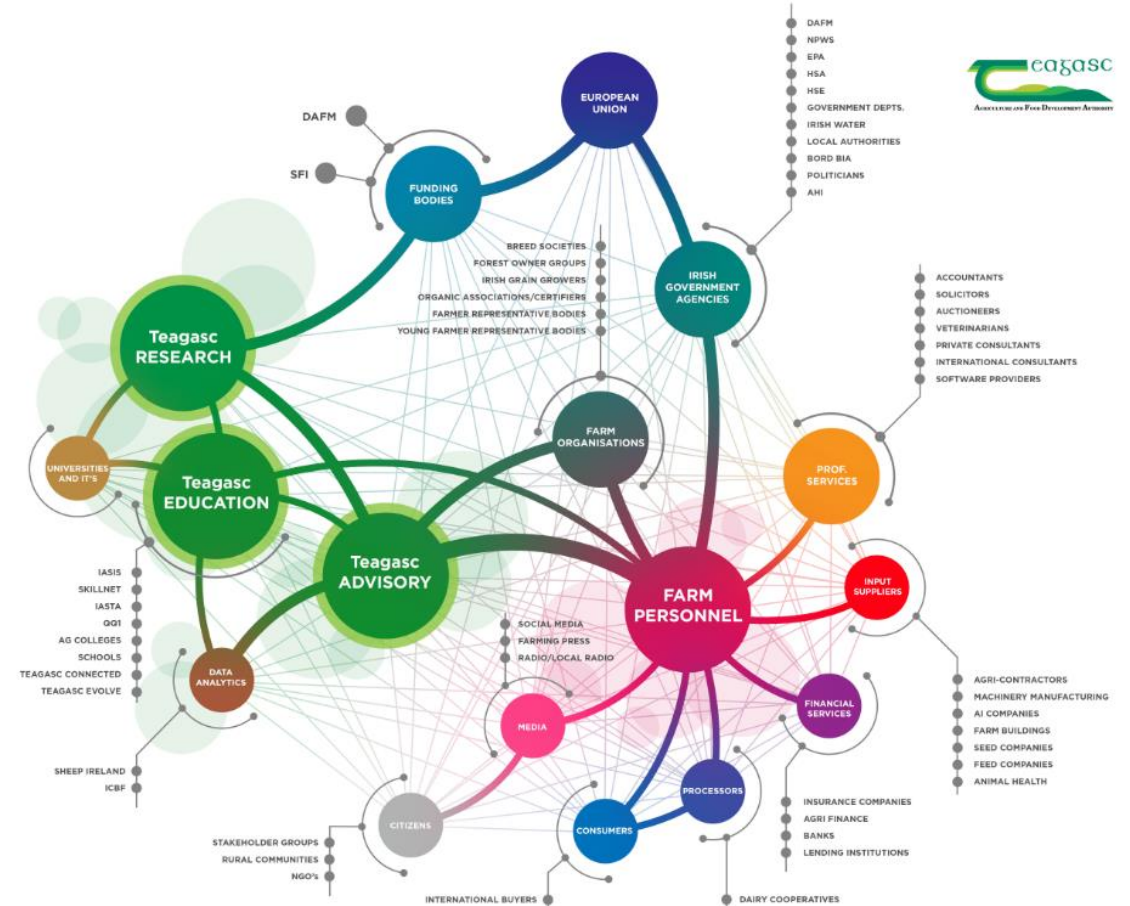
Purpose:

- Instrumental role in facilitating the increased involvement of a range of stakeholders in improving the quality of the implementation of the interventions outlined in the CAP Strategic Plan

Approach:

- Development of an innovation support service (Art 15(4)(e)) focusing on fostering innovation and supporting the inclusion of, and the interaction between, all stakeholders in the knowledge-exchange and knowledge-building process
- New NCN in situ to coincide with the commencement of the new programming period in 2023
- AKIS related considerations:
 - *Highlighting the availability of CAP and Horizon Europe funding*
 - *Provide a platform for actors to meet, and create, develop and test grassroots and innovative ideas.*
 - *Provide support and advice to multi-actors groups in the field who may be looking to form an operational group*
 - *Link with Teagasc Signpost Farm Programme & the National Agricultural Sustainability Research and Innovation Centre*
 - *Facilitate the translation of research outcomes from a wide range of literature into guides for practical implementation by primary producers or operational groups*
 - *Cross-border operational groups*

National CAP Network



Purpose:

- Support the inclusion of, and the interaction between, all stakeholders in the knowledge-exchange and knowledge-building process

Approach:

- Embed validated knowledge transfer methodologies into research and innovation funding programmes
- AKIS related considerations:
 - *Improve knowledge transfer implementation in research and innovation projects*
 - *Involvement of end-users such as farmers/farmers' groups, advisors, businesses, etc in research and innovation projects*

Research



Purpose:

- AKIS coordination, structuring and mobilising bringing actors together on a planned and regular basis, creating consistent engagement to support modernisation, innovation and knowledge flows and speed up knowledge exchange and implementation in practice.

Approach:

- Strategic work programme with agreed activities, objectives, deliverables and appropriate monitoring and indicators.
- Establish in Q2 2022
- AKIS related considerations:
 - *Strengthen the links between the actors in the AKIS*
 - *DAFM establish and chair an AKIS coordination group which will provide a platform to improve synergies and complementarities between people, organisations and institutions*
 - *Central Knowledge Hub (?)*

AKIS Coordination Group





An Roinn Talmhaíochta,
Bia agus Mara
Department of Agriculture,
Food and the Marine

Thank you for your attention

Questions

March 2022