Innovation – shaping the future

Skills development: education & training, advice, peer to peer exchange and networking

Thursday 12 October
Innovation- shaping the future

Skills development: education & training, advice, peer to peer exchange and networking

14:00 Opening words
Quico Onega, EIP-AGRI Service Point

14:05 – 14:10 Introducing the session
Alexia Rouby, DG AGRI, European Commission

14:10 – 14:15 Future of advisory services and education systems in an evolving AKIS
Anikó Juhász, Research Institute of Agricultural Economics, Hungary

14:15 – 14:20 Peer to Peer Learning in stimulating innovations – The AgriSpin discovery journey
Eelke Wielinga, AgriSpin, The Netherlands

14:20 – 14:25 Introduction to the interactive session
Quico Onega, EIP-AGRI Service Point

14:25 – 15:00 Interactive session
Question 1: What works best in your area in terms of AKIS?
Question 2: How can policy help you with what you want to do next?

15:00 – 15:30 Harvesting

15:30 End of the session
Future of Advisory Services and Education Systems in an evolving AKIS

‘SKILLS DEVELOPMENT: EDUCATION & TRAINING, ADVICE, PEER TO PEER EXCHANGE AND NETWORKING’
AGRI INNOVATION SUMMIT (AIS) 2017
12 OCTOBER 2017, PORTUGAL
ANIKÓ JUHÁSZ
What farmers need is problem solving
Good AKIS is helping

Without pesticides??!!

Nice plants and yield

What will it cost?

Tamás is doing better

1 – Farmers
2 – Association
3 – Advisor
4 – Researcher
5 – Journalist
What is AKIS?
Actors and knowledge flows

Government – Civil society – Business - Academia

Parts:
All actors
Direct
Enabling

Enabling environment – Policies and investment

Objectives:
Improving knowledge flows
Closing the innovation gap

Improving knowledge flows
Closing the innovation gap
What are the challenges of AKIS? It needs to bridge multiple gaps.

Agricultural enterprises

Knowledge providers

Public administration

Business partners

Society
What are the challenges of AKIS?

Bridges need to be trusted

Sholtes model in Hungary (2015)

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<table>
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<td>n= 2979</td>
<td>n= 686</td>
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</tbody>
</table>

Low - Level of Loyalty – Will do! - High

Low - Level of Capability – Can do! - High

Soft skills

Hard skills
What are the challenges of AKIS?
Bridges need to be connected

Active networks
Common resources
Knowledge cross-fertilisation
Systemic thinking
How to further improve AKIS? Rethink advice and education providers

Agricultural enterprises

Knowledge providers

Public administration

Business partners

Society

Advisory services

Education Systems
We need advisors embedded in AKIS

- Put advisory services high on the political agenda:
  - rethink their roles, make them more enablers for an interconnected AKIS (incl. research/practice interactions),
  - enhance their interactive role in projects,
  - improve learning of advisors (e.g. co-location of advisors with RD networks and applied research; advisors' peer to peer networks, etc),
  - refinance them with a clear objective to better embed them in AKIS

- Key recommendations on how:
  - construct back-office services, to keep knowledge public
  - provide hard and soft infrastructure enhancing knowledge flows
  - train advisors better (technical content + soft skills), take advantage of the digital era

Read: SWG SCAR-AKIS Policy brief on "The Future of Advisory Services."
We need good education practices

- Developing better connections between researchers and teachers:
  - BOGO and WURKS programmes, the Netherlands
- Bridging the gap between agricultural research and farm advice:
  - Advanced Training Partnerships (ATP), Wales UK
- Developing stronger linkages among academia and advisory services:
  - Mixed technological Networks (RMT), France
- Building advisors’ capacity:
  - Master in Agricultural Innovation Support (MAIS), Ireland
- Involvement of students through gamification:
  - The MezőGÉPész contest, Hungary

Read: SWG SCAR-AKIS Policy brief on "New approaches to agricultural education systems"

If we succeed....

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1. Annex: What is SCAR AKIS SWG? Think tank for R&I policy since 2010

**1st Mandate**
- FR & NL
- EU SCAR (2012), Agricultural knowledge and innovation systems in transition
- **REFLECTION** paper

**2nd Mandate**
- FR & NL
- EU SCAR (2013), Agricultural knowledge and innovation systems towards 2020 – Orientation paper on linking innovation and research
- **MA APPROACH, TNs, PRACT. ABSTR.**

**3rd Mandate**
- NL & BE
- EU SCAR (2015), Agricultural Knowledge and Innovation Systems Towards the Future - Foresight Paper:
- **AKIS FORESIGHT**

**4th Mandate**
- FR & ES & HU
- Policy Brief (2017), Future of **ADVISORY SERVICES**
- Policy Brief (2017), New approaches on Agricultural **EDUCATION** Systems
2. Annex: PROAKIS study: Characterising MS' AKIS

The diagram illustrates the spectrum of MS' AKIS across different countries, ranging from fragmented to integrated. The vertical axis represents the strength/power of the AKIS, with weak countries on the left and strong/powerful countries on the right.

Countries on the fragmented end include: Greece, Portugal, Romania, Italy, Spain, United Kingdom, Netherlands.

Countries on the integrated end include: Hungary, Slovenia, Sweden, Bulgaria, Cyprus, Czech Rep., Flanders, Poland, France, Austria, Denmark, Ireland.

Other countries include: Slovakia, Latvia, Malta, Wallonia, Lithuania, Finland, Germany, Luxembourg.
All documents and presentations from the EIP-AGRI breakout sessions will be available at www.eip-agri.eu