Subgroup on Innovation for agricultural productivity and sustainability

10th meeting
22 February 2018
Subgroup on Innovation for agricultural productivity and sustainability
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09:00 – 10:00 Welcome & introduction by Alberto D’Avino (DG AGRI)

Session I “Ready, steady, go: launching new EIP-AGRI networking activities for 2018

• EIP-AGRI network work plan for 2018, Koen Desimpelaere (EIP-AGRI Service Point)

• New Focus Groups – Launch of calls for experts
  FG 29 “New feed for livestock”
  FG 30 “Protecting perennial crop production from frost damage”
  FG 31 “Reducing food loss on the farm”

• Workshop “Innovative water management in agriculture”, Anikó Seregélyi (DG AGRI)

• Communicating the digital transformation in agriculture, Fabio Cossu (DG AGRI)

10:00 – 11:00 Interactive session II “Improving OG connection and upscaling their results”

• Introduction by Rob Peters (DG AGRI)

• Presentation of two H2020 Multi-Actor Projects involving OGs
  - LANDMARK, Francesca Bampa
  - EuroDairy, Ray Keatinge

• Recent and ongoing experiences connecting OGs
  Flash presentations by members of the Subgroup

11:00 – 11:30 Coffee break
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11:30 – 13:00 Interactive session II “Improving OG connection and upscaling their results” (cont.)
   • Introduction by DG AGRI and EIP-AGRI Service Point
   • Forthcoming study assessing Operational Groups
   • Discussion in groups: how to foster cooperation among OGs

13:00 – 14:00 Lunch break

14:00 – 15:00 Session III “Evaluation innovation”
   • Presentation of the guidelines on evaluating innovation in RDPs
     European Evaluation Helpdesk for Rural Development, Hannes Wimmer
   • Assessing Innovation, what’s going on?
     Flash presentations by members of the Subgroup

15:00 – 15:10 “Intermezzo”: AGROPOL Pilot Project

15:10 – 15:40 Coffee break

15:40 – 16:30 Session IV “Can we do better?”
   • Results of the self-assessment of the EU Rural Networks up to 2017
     DG AGRI and EIP-AGRI Service Point
   • Discussion on the follow-up to the recommendations relevant for the EIP-AGRI network

16:30 – 16:45 Wrap-up / next steps

16:45 Closing
LANDMARK TEAMS UP WITH EIP-AGRI OPERATIONAL GROUPS

BAMPA FRANCESCA AND CREAMER RACHEL

EIP-AGRI, SUBGROUP ON INNOVATION FOR AGRICULTURAL PRODUCTIVITY AND SUSTAINABILITY

BRUXELLES, 22ND FEBRUARY 2018
DEMANDS ON OUR LAND: 5 SOIL FUNCTIONS

Water Provision and purification

Carbon sequestration

Habitat for biodiversity

Primary Production

Nutrient Cycling

All soils / land perform all functions ...but different parts of the land(scape) are better at delivering different functions

Schulte et al., 2014

**Objective:** to quantify the supply of soil functions across the EU as determined by soil properties, land use and soil management practices.
PROJECT OUTCOMES

Pillar 1: Farm scale: Develop an agricultural Decision Support Tool (DST) for soil management

Pillar 2: Country scale: Design a monitoring scheme for Soil Functions that is applicable at regional scale, for a range of soil types, land uses and pedo-climatic zones;

Pillar 3: EU scale: Develop a policy framework for ‘Functional Land Management’ at European scale that aims to optimise the sustainable use of Europe’s soil resource

More info [http://landmark2020.eu/pillars/]
EXAMPLES OF LINKAGES WITH OGs
1/5 – MULTIACTOR PROJECT
2/5 STAKEHOLDER CONSULTATION

Who

Local farmers & advisors (4-55 pp)
Regional (7-15 pp)
National (10-26 pp)
EU (51 pp)

Where

Denmark
Ireland
France
Austria

When

1 year (Oct 2015 - Oct 2016)

How

What
Knowledge & needs on soil quality, soil functions, land and soil management practices, monitoring systems, policy, actions, advisory services, tools

Workshop methodology

Landscape management model

2 GUIDES
1 year
5 countries
32 workshops
473 participants

More info

STAKEHOLDERS LEVEL
- farmers
- regional multi-stakeholders
- national multi-stakeholders
- European multi-stakeholders

Metzger et al. 2005
Have access to independent and high quality advice on soil and land management.

Have access to independent and high quality advice on soil and land management.

Local workshops outputs

Have the opportunity to exchange regularly on soil-related issues, especially within farmers discussion groups.

Have access to independent and high quality advice on soil and land management.

Reinforce soil science in initial and continuing education, not only for farmers, but also for agriculture-related occupations. In particular: farmers & advisers should be trained in simple methods for observing and assessing soils properties in the field.

Have access to independent and high quality advice on soil and land management.

Interest in understanding: How to increase the biological activity of soils / soil organic matter / nutrients availability for plants. How to manage conservation agriculture

Have a diagnosis tool to evaluate soil properties and functions, and to guide the choice of appropriate agricultural practices.

Photo: Argenton sur Creuse, France 2016
3/5 EIP-AGRI workshop *Organic is Operational* – Hamburg June 2017

4/5 LANDMARK Stakeholder Steering Committee members

Ralph Gockel  
Local Chamber of Agriculture

Alfred Grand  
Farmer

Evangelos Koumentakos  
COPA-COGECA

14 OG groups

OG group & Focus Group

Sub Innovation group

• Farm Scalabrini and Carcarena belonging to OG groups (e.g. PRAT-CO [http://www.pedologia.net/InfoSuolo_lista.jsp])

• Farmers, pedologists (e.g. Carla Scotti), farm advisors belonging to OG groups (PRO-VITERRE, BIODIVERSAMENTE CASTAGNO, CASTANI.CO, VINCAPTER, FRUTTI-FICO)

5/5 FIELD EXERCISE
October 2017, Roundtable 6
Parma, Italy
Testing the Soil Navigator

http://landmark2020.eu/meeting/roundtable-6-italy/
Next steps?


2. Proposal for a EIP-AGRI workshop on functionality of soils - soil biodiversity