

Subgroup on Innovation for agricultural productivity and sustainability

10th meeting
22 February 2018

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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



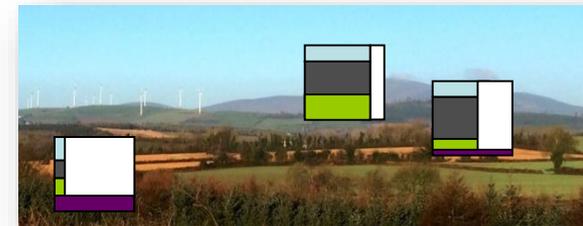
Primary
Production

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

<http://landmark2020.eu/soil-functions-concept/>



LAND MANAGEMENT: ASSESSMENT, RESEARCH, KNOWLEDGE BASE



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

PROJECT OUTCOMES

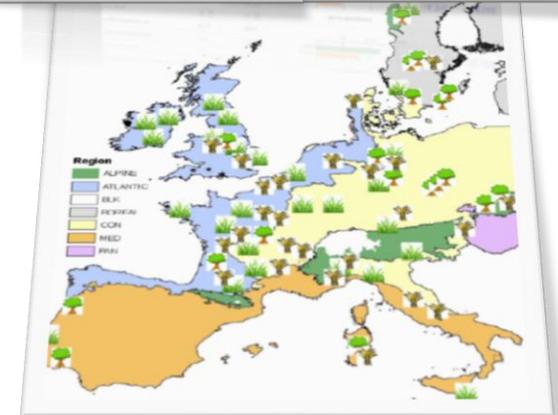
Pillar 1: Farm scale: Develop an agricultural Decision Support Tool (DST) for soil management



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;

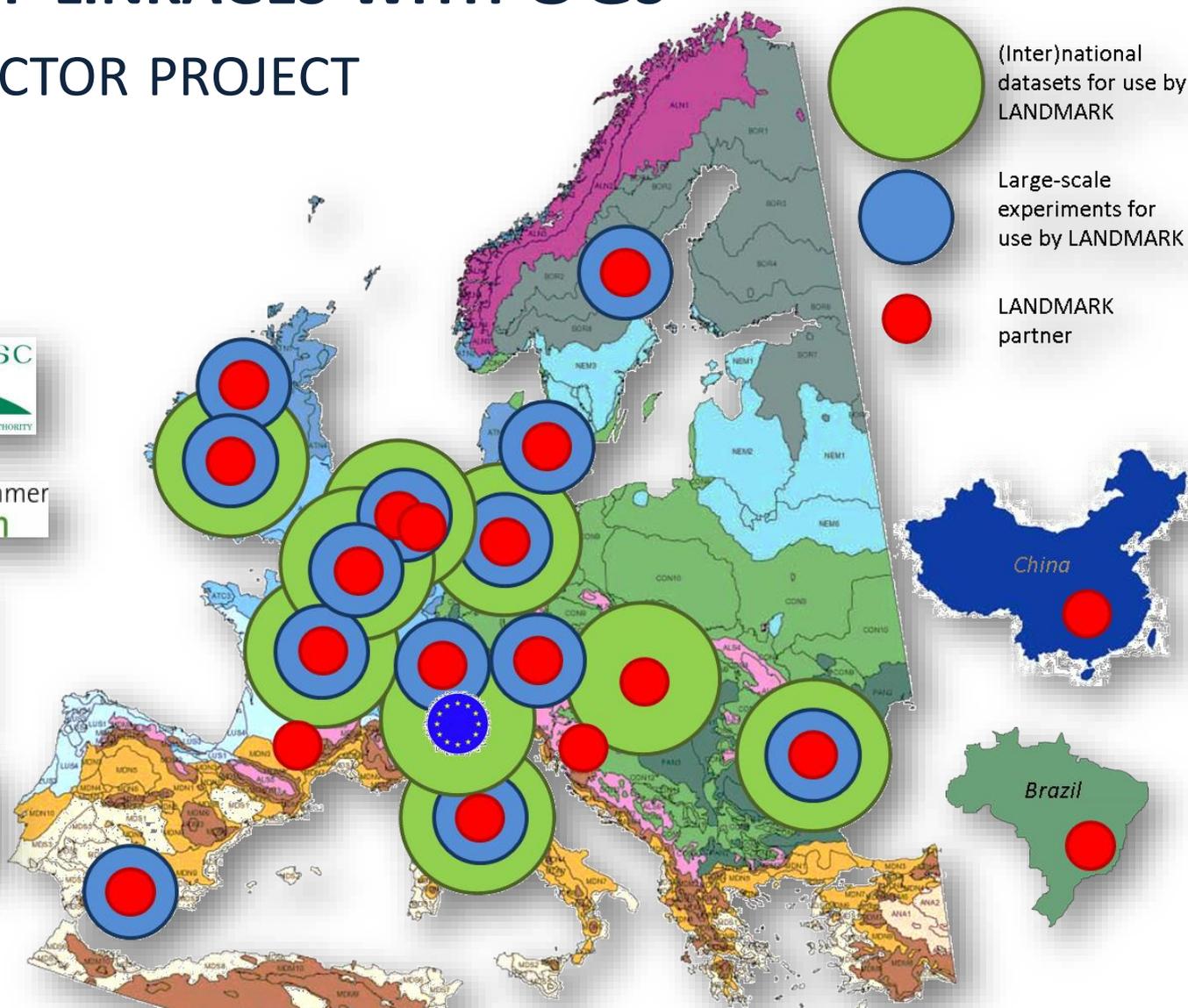
Pillar 3: EU scale: Develop a policy framework for 'Functional Land Management' at European scale that aims to optimise the sustainable use of Europe's soil resource

More info <http://landmark2020.eu/pillars/>



EXAMPLES OF LINKAGES WITH OGs

1/5 – MULTIACTOR PROJECT





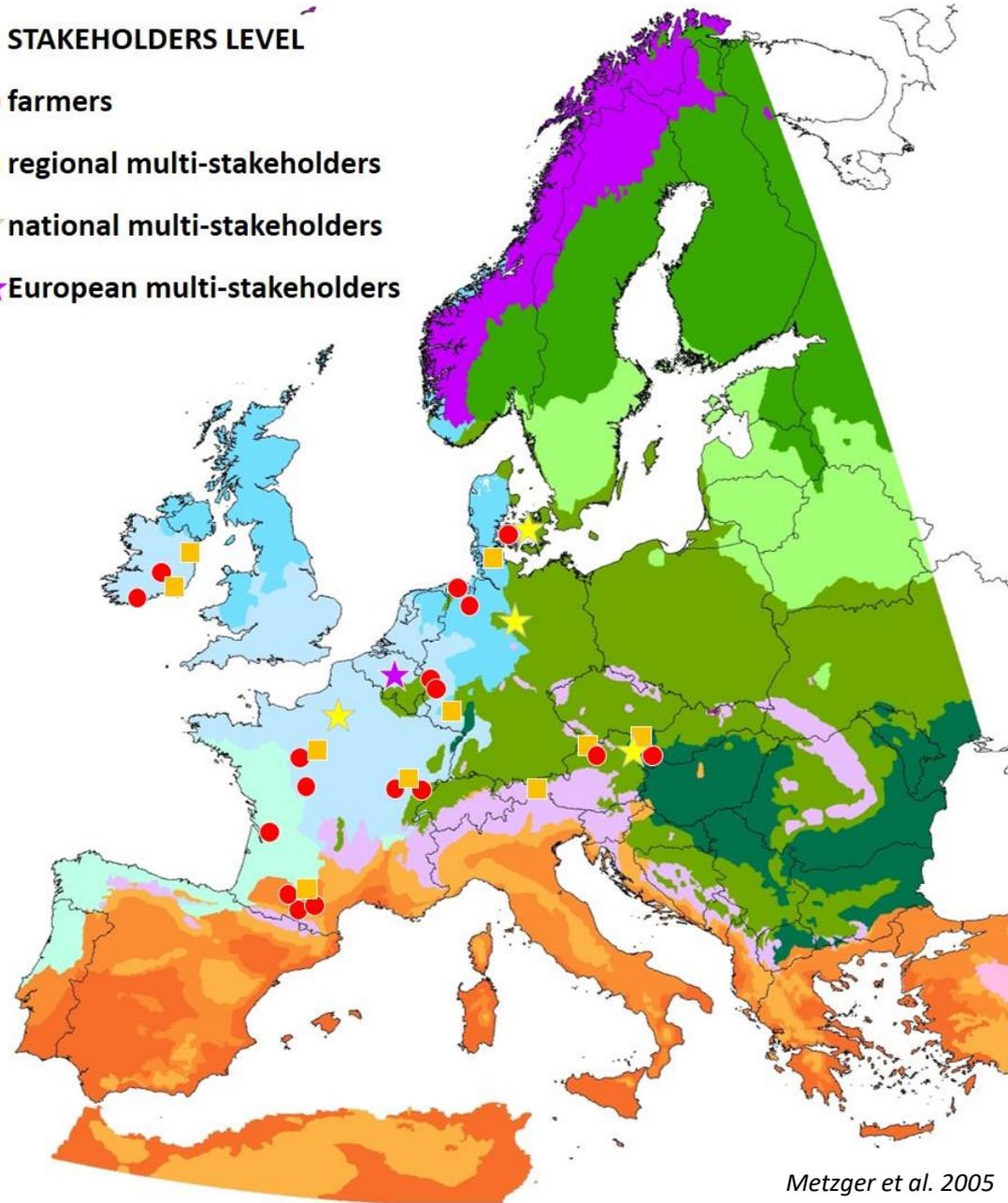
STAKEHOLDERS LEVEL

- farmers
- regional multi-stakeholders
- ★ national multi-stakeholders
- ★ European multi-stakeholders

1 year
5 countries
32 workshops
473 participants

More info

<http://landmark2020.eu/work-package/work-package-1/>



Metzger et al. 2005

Have access to clear, reliable and validated **information** on soil and land management.

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

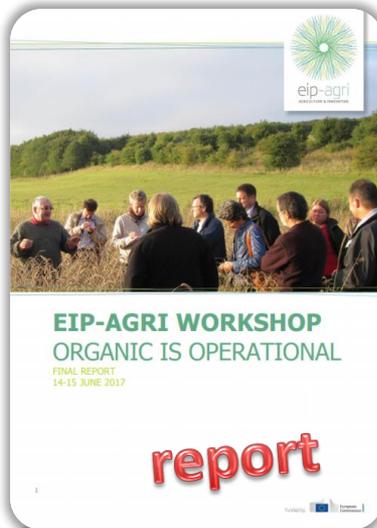
Local workshops outputs

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

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

Photo: Argenton sur Creuse, France 2016

3/5 EIP-AGRI workshop *Organic is Operational* – Hamburg June 2017



Network!

<https://ec.europa.eu/eip/agriculture/en/event/eip-agri-workshop-organic-operational>



4/5 LANDMARK Stakeholder Steering Committee members



Ralph Gockel
Local Chamber of Agriculture



Alfred Grand
Farmer



OG group & Focus Group



Evangelos Koumentakos
COPA-COGECA



Sub Innovation group

14 OG groups

More info <http://landmark2020.eu/stakeholder-steering-committee/>





5/5 FIELD EXERCISE

October 2017, Roundtable 6 Parma, Italy

Testing the Soil Navigator

<http://landmark2020.eu/meeting/roundtable-6-italy/>



UNIVERSITÀ DEGLI STUDI DI PARMA

- 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)



LANDMARK consortium in an alfa-alfa field, October 2017, PARMA, Italy



Next steps?



1. Roundtable 7, May 2018, AGES, Vienna, Austria <http://landmark2020.eu/meeting/roundtable-7-austria/>
2. Proposal for a EIP-AGRI workshop on functionality of soils - soil biodiversity
3. Call for farmers willing to participate to the evaluation of soil navigator in Autumn 2018 <http://landmark2020.eu/pillars/soil-navigator-pillar1/>

