INSPIRATION – A Strategic Approach to Promote Research Needs on Soil, Land-Use and Land Management Internationally

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Outline

- INSPIRATION Project Background
- Key Work Packages and Activities
- Interim & Expected Products After First Year
EU H2020 Societal Challenge 5: Growing a low carbon, resource efficient economy with a sustainable supply of raw materials

Call SC5-10b-2014: Structuring research on soil, land-use and land management in Europe

Better coordination of often fragmented research

Innovative ways to mobilize all relevant actors, increase policy coherence, resolve trade-offs, manage conflicting interests, increase participation of citizens in decision-making

Creation of European networks to facilitate dialogue among the relevant scientific communities, funding bodies and user communities in Europe

Clustering, coordinating and creating synergies between international, European and nationally funded research and innovation actions,

Developing joint programs and projects,

Improve science-policy interface

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INSPIRATION

- **INSPIRATION** = **IN**tegrated **S**patial **P**lanning, land use and soil management **R**esearch **A**cTION
- Initiated by CABERNET & Common Forum
- Coordinated by German Environment Agency
- Funded by EC as Coordination and Support Action under Horizon2020 grant agreement No. 642372
- Duration: 36 months (1/03/2015 – 28/02/2018)

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INSPRICATION Partners

17 countries + 10 International Advisory Board

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INSPIRATION Goals

The aim of INSPIRATION is to establish and promote the adoption of a strategic research agenda for land use, land-use changes and soil management in the light of current and future societal challenges.

Land and Soil services are fundamental for:

- **Meeting societal needs** (food, drinking water, energy production, shelter, infrastructure)
- **Overcoming societal challenges** (climate change mitigation and adaptation, increasing demands on non-renewable natural resources, environmental justice)

Main Objectives:

- Formulate, consult on and revise an end-user, bottom up oriented Strategic Research Agenda (SRA)
- Ensuring success in addressing societal challenges by a Policy Science Interaction and interaction with stakeholders
- Establishing a transnational network of funding bodies and cooperating industries/regions by recognition of individual demands in the SRA
Collate & Structure along Integrative Themes: The Conceptual Framework

Driving Forces
Nature, Land-Use, Society & Policy

Demand
Exploitation of natural capital and ecosystem services provided by the SSW-system*

Natural Capital
Defining and assessing natural capital and ecosystem services

Land Management
Options for integrated, cross-sectoral concepts to balance demand and natural capital

Net-Impacts
Impacts on global, regional and local as well as temporal scales

*SSW = soil, sediment, water
Expected Deliverables to the Public

**WP1: Project Management**

**WP2: National Demands**
- of research from industry, end-users and funders
  (State-of-the-art at national levels)

**WP3: Transnational commons**
- aggregated under integrated themes

**WP4: Strategic Research Agenda:**
- Developing, Delivering and Match-Making

**WP5: International Dissemination and Communication**

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**WP 2:**
- Registry of National Key Stakeholders
- National reports following the template
- National reports: review and synthesis of collated information

**WP 3:**
- Enriched, updated & prioritised overview of transnationally shared state-of-the-art
  as input for WP4

**WP 4:**
- Strategic Research Agenda to be verified
- Implementation Plan

**WP 5:**
- Website, Newsletter & Twitter
- EU Policies needs

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WP2 National reports: review and synthesis of collated information

- Report on results of the desk-studies, 374 NKS interviews and 17 workshops with 468 participants collecting national research demands, science-policy-interface experiences & funding options

- Download via www.inspiration-h2020.eu
National reports: review and synthesis of collated information

1. NKS with diverse backgrounds identified
2. Structured interviews with circa 20 NKS per country
3. 17 national workshop with NKS to synthesize the collated info, discuss and review the key national research topics, and in some cases also already prioritize the suggestions provided by the NKS
4. Results of interviewing plus workshop were documented and reviewed by NKS and IAB

Characteristics of interviewees n=374
Policy oriented workshop / Some outcomes

- 1. What is not working properly to date?
- 2. What is the risk of inaction?
- 3. What to improve?
- 4. Where to start? Q: who should prioritize? Communities of Practices? Stakeholders jointly?
- 5. Barriers and challenges for funding research in soil and land
- 6. Funding solutions - explore leverage effect.
- Existing SRA (e.g. JPIS – Water, Facce, Urban EU)
Implementation status after 12 months

- Kick-off event in Berlin (April 2015)
- International Advisory Board established
- First 10 deliverables submitted on time – 6 publically available for download via website
- Conceptual Framework developed
- Several engagement activities
  - Special Sessions at international conferences (e.g. Global Soil Week, AquaConSoil, SedNet, CEECHE)
  - EU Policy oriented Workshop
  - National interviews and workshops
Website: www.inspiration-h2020.eu
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Thank You !!!!

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- And my other IAB colleagues
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