INSPIRATION – a Strategic Research Agenda on Soil, Land-Use and Land Management in Europe

On behalf of the INSPIRATION consortium and using input by Linda Maring (Deltares), Stephan Bartke and Detlef Grimski (UBA)

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TerraEnvision 2018
1st February 2018, Barcelona

INSPIRATION

- INSPIRATION = INtegrated Spatial Planning, land use and soil management Research ActTION
- Call SC5-10b-2014: Structuring research on soil, land-use and land management in Europe
- 17(+4) countries and Advisory Board
- Coordinated by German Environment Agency
- Funded by EC as Coordination and Support Action under Horizon2020 grant agreement No. 642372
- Duration: 36 months (03/2015 – 02/2018)
### INSPIRATION goal

- Establish & promote a Strategic Research Agenda (SRA) for Europe
  - for land use, land-use changes and soil management
  - considering current & future societal challenges
  - Bottom-up and demand-driven
  - Establishing a transnational network

- This SRA will help public and private research funders identify research in soil and land to invest in, to innovate and contribute to a greener, more resource efficient, and more competitive Europe

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### Bottom-up approach

1. **WP IV**
   - INSPI-SRA & match-making

2. **WP III**
   - Prioritization of clustered and integrated research topics

3. **WP III**
   - Analyse R&I demands to define Clustered Thematic Topics & Integrated Research Topics (IRTs)

4. **WP II**
   - Synthesis of national Research and Innovation (R&I) demands

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[www.inspiration-h2020.eu](http://www.inspiration-h2020.eu)  @inspiration4eu
INtegrated Spatial Planning, land use and soil management Research ActTION

WP2: National Demands of research from industry, end-users and funders

WP2 national state-of-the-art

- country 1
  - in
  - in
  - in
  - out
- country 2
  - in
  - in
  - in
  - out
- country x
  - in
  - in
  - in
  - out

State-of-the-art on:
- R&I needs
- connection science-policy/practice
- national funding schemes
- transnational funding schemes

WP3: Transnational commons aggregated under integrated themes

- Demand orientation
- Clustering of topics to conceptual model
The United Nations Sustainable Development Goals

Digital web-based SRA on line available

- Research and innovation (R&I) needs as identified by more than 500 European funders, end-users, scientists, policy makers, public administrators and consultants as the baseline for the SRA.

- Strategic Research Agenda, www.inspiration-agenda.eu
Some findings

- The bottom-up approach based on stakeholder engagement was well received by all stakeholders and helped to create co-ownership of the SRA.
- The identified knowledge gaps helped differentiate activities:
  - knowledge creation,
  - knowledge transfer,
  - demonstration,
  - training and education,
  - survey and monitoring,
  - networking

A problem in practice is not solely due to a lack of scientific knowledge but to the effective and widespread application of existing knowledge.
More findings

- Our conceptual model enabled transcendance of traditional scientific disciplines, policy domains and industry and lobbying agendas towards a more holistic approach
- Our approach facilitated discussions on systematic, overarching challenges and knowledge needs
- It also provided a context for discussing research needs between stakeholders, irrespective of their institutional backgrounds and position
Proposition

Current societal challenges are increasingly complex, requiring integrated, cross-sectoral and transdisciplinary knowledge creation in close cooperation with the users of the knowledge.

Saskia Visser of WUR proposed this already last Tuesday:

- Scaling up, area approach
- Connect to societal challenges and all stakeholders
- Integral approach to land management