



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

Annette M. Gatchett

**Director, National Center for Environmental Assessment, Cincinnati Division
US Environmental Protection Agency**

Dominique Darmendrail, BRGM

Detlef Grimski and Stephan Bartke, German Environment Agency

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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

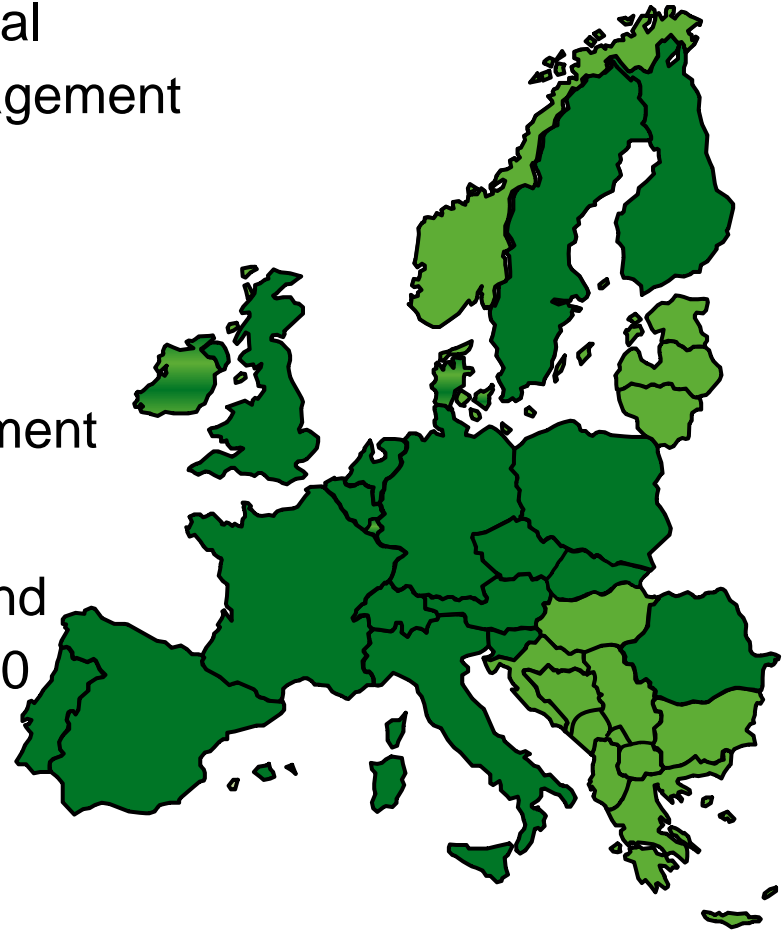
Clustering, coordinating and creating synergies between international, European and nationally funded research and innovation actions,

Developing **joint programs and projects**,

Improve science-policy interface

INSPIRATION

- **INSPIRATION** = **IN**tegrated **S**patial
Planning, land use and soil management
Research **AcTION**
- 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)



INSPIRATION Partners

Integrated Spatial Planning, land use and
soil management Research ActTION



17 countries +
10 International
Advisory Board



National Institute for Public Health
and the Environment
Ministry of Health, Welfare and Sport



Swedish Geotechnical Institute



Swiss Federal Institute for Forest,
Snow and Landscape Research WSL



Projektgruppe Stadt+Entwicklung



UNITED KINGDOM • CHINA • MALAYSIA



HELMHOLTZ
CENTRE FOR
ENVIRONMENTAL
RESEARCH - UFZ



Istituto Superiore sui
Sistemi Territoriali per l'Innovazione



Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich



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.

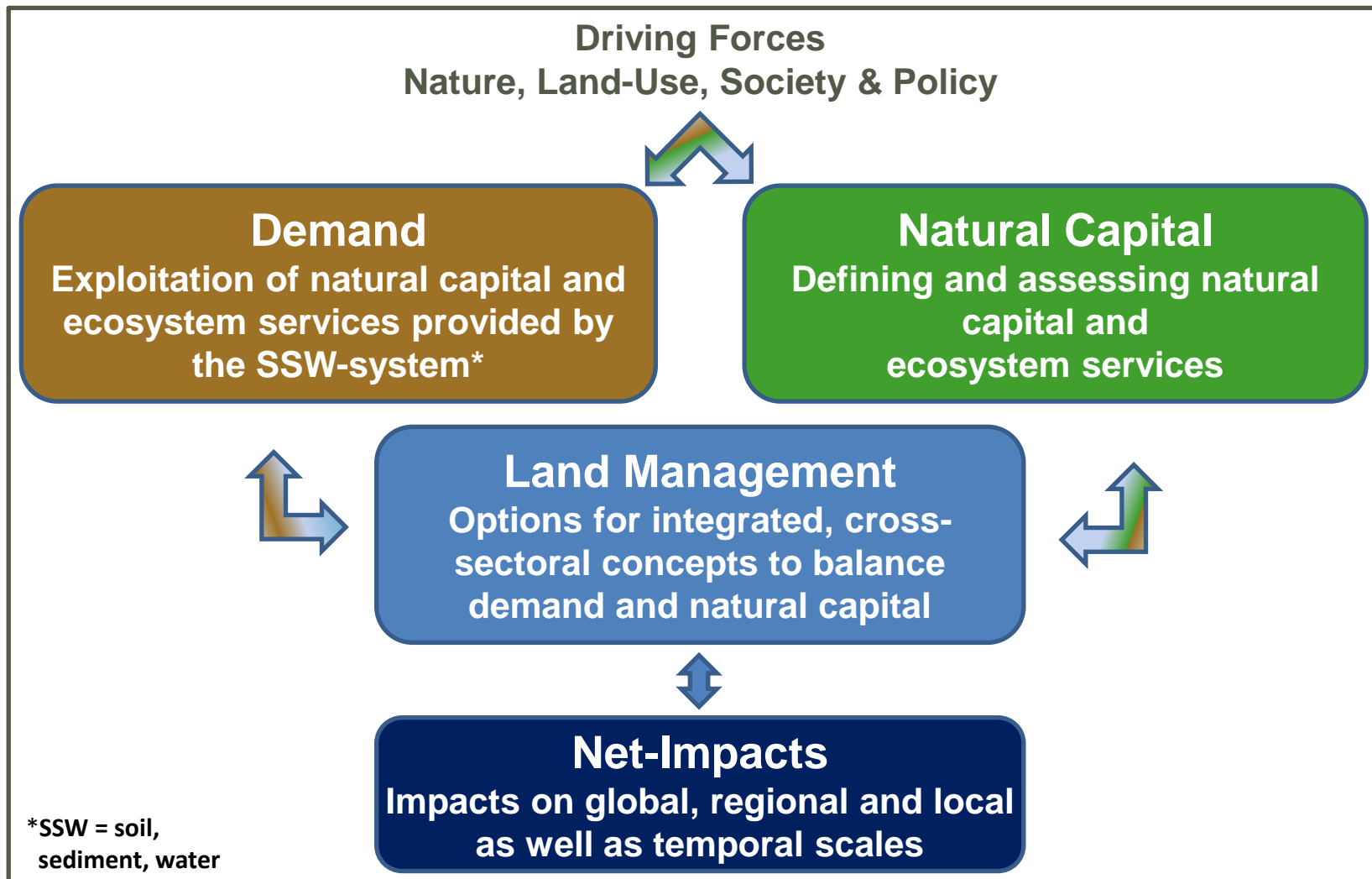
Land and Soil services are fundamental for:

- **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



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

Public Deliverables

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:

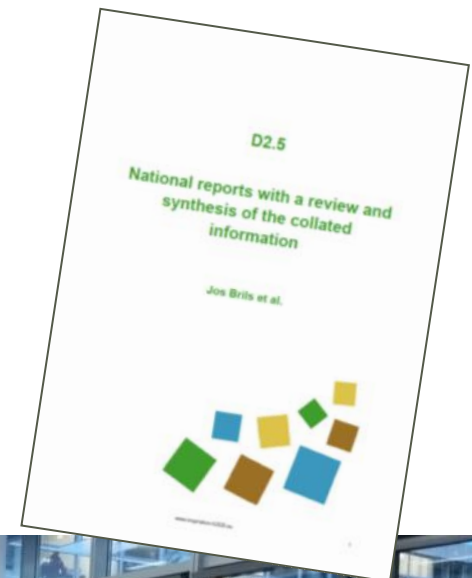
- Strategic Research Agenda to be verified
- Implementation Plan

WP 5:

- Website, Newsletter & Twitter
- EU Policies needs

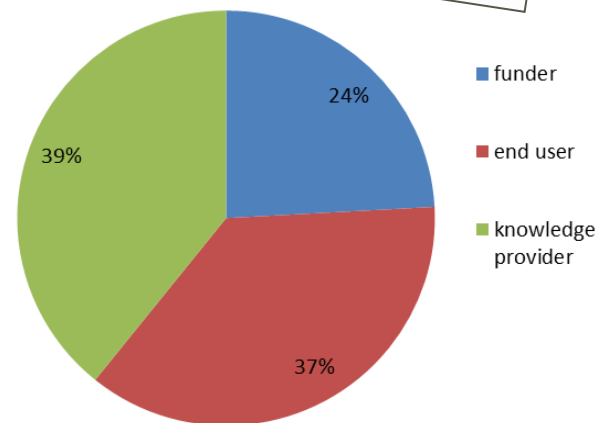
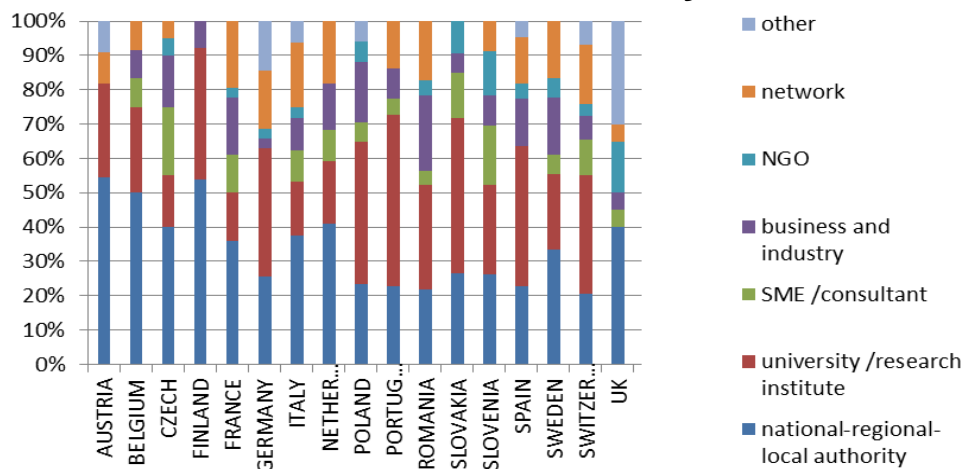
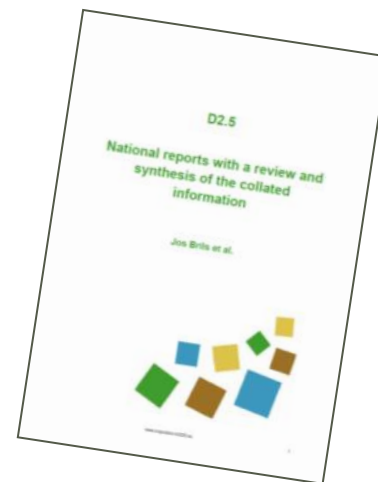
WP2 National reports: review and synthesis of collated information

- 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



Charateristics 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, CEEECHE)
 - EU Policy oriented Workshop
 - National interviews and workshops

Website: www.inspiration-h2020.eu

Twitter: [@inspiration4eu](https://twitter.com/inspiration4eu)



The screenshot displays the INSPIRATION website interface. The top navigation bar includes links for 'ABOUT INSPIRATION', 'LAND CHALLENGES', 'ACTIVITIES', 'OUTCOMES', 'GET INVOLVED', and 'GLOSSARY'. The main content area features a large image of a landscape with the title 'Natural resources' and the subtitle 'Integrated resource demand from end users and funders'. Below this, there is a section titled 'INSPIRATION at a glance' which outlines the project's background, aims, and objectives. The 'Aim of INSPIRATION' section details the project's goals, including addressing societal needs, overcoming knowledge gaps, and ensuring the project's success through stakeholder involvement. The 'How INSPIRATION will achieve the overall aim?' section lists specific objectives and activities. The 'General Outline' section provides a high-level overview of the project's structure and goals.

Thank You !!!!

- Special Thanks to my co-authors: Dominique Darmendrail, Detlef Grimski & Stephan Bartke
- And my other IAB colleagues





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