



INSPIRATION

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



inspiration

Over **INSPIRATION** = **I**Ntegrated **S**patial **P**lanning, land use and soil management **R**esearch **A**CTION

- Call SC5-10b-2014: Structuring research on soil, land-use and land management in Europe
- **17(+4) landen** & adviesgroep
- Looptijd: 36 mnd (**03/2015 – 02/2018**)

Doel

- Opzetten & promoten van een Strategische Onderzoeksagenda voor Europa
- Voor landgebruik, landgebruiksveranderingen en bodembeheer
- Rekening houdend met huidige en toekomstige maatschappelijke uitdagingen
- Bottom-up en vraaggestuurd
- Oprichting van een transnationaal netwerk



Onderwerpen uit NL voor de strategische onderzoeksagenda (eind 2015)

- NL-1 Agriculture and food
- NL-2 Liveability of rural areas
- NL-3 Climate change
- NL-4 Water
- NL-5 Smart and healthy cities
- NL-6 Mobility and transport
- NL-7 Soil quality
- NL-8 Energy supply
- NL-9 Resource efficiency

NL-10 Governance

symposium

bodem breed

NL-11 Knowledge base

expertise
bodem en ondergrond

NL-12 Soil-sediment-water system knowledge

NL-13 Valuation of the soil-sediment-water system
(ecosystem services)

NL-14 Data and information

NL-15 Land-use

KIBO

- Klimaat, water en energie (NL-3, NL-4, NL8)
- Circulaire economie (NL-9, NL-12, NL-13)
- Ondergrondse infra (NL-6)
- Bodemkwaliteitszorg (NL-7)
- Informatievoorziening (NL-14)
- Ruimtelijke inrichting en beheer van de ondergrond (NL-5, NL15)

(NL-10)

Deltares
Enabling Delta Life



Resource demand and efficiency

- Food, feed, fibre, (bio)fuel
- Ecosystem services
- Urban infrastructure
- Water
- Geological subsurface resources
- Natural hazard prevention
- Health and quality of life

Natural capital

- Quantity & quality of soils, health of soils, carbon GHG
- Biodiversity, organismic and genetic resources
- Water, water cycle
- Pollutant degradation, filtering and immob capacity
- Prevention of erosion, mud slides, natural hazards
- Geological resources
- Intrinsic value of soil and landscape

Land Management

- Governance, management mechanisms, instruments and policy
- Climate change challenges
- Land as a resource in urban areas (sust urban LM)
- Land as a resource in rural areas (multifunc of rural areas)

Net impact

- Developing impact assessment methodology
- Understanding impacts
- Trade off analysis and decision support
- Enhancing effectiveness of research and regulation through SPI, awareness raising, knowledge transfer & SH participation

Integrated research topics

- FFFF: demand, potentials and risks
- Integrated urban management
- Disturbed landscapes
- Climate change challenges
- From information to implementation

symposium

student breed

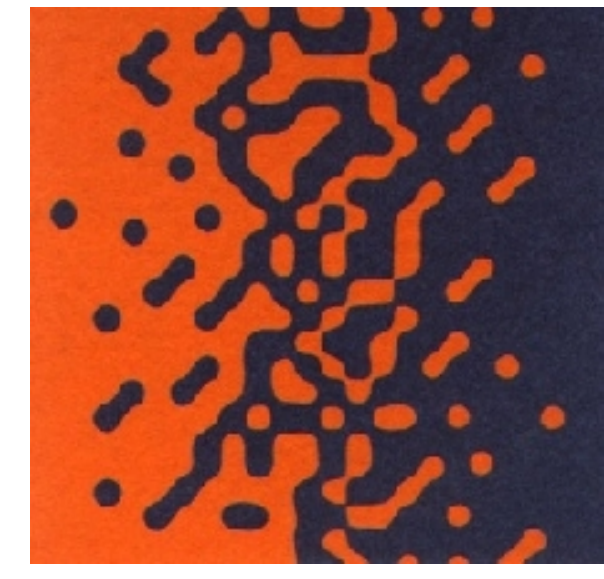
Netwerk / contact

“national focal points”



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<http://www.inspiration-h2020.eu/page/nederland>



Projektgruppe
Stadt+Entwicklung

PROCESS



SOLID



ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

