



## **ROUNDTABLE**

Lilian Busse (German Environment Agency), Margot de Cleen (Dutch Ministry of Infrastructure and Water Management), Violette Geissen (WUR)









Policy perspectives: The role of soil science to address societal challenges



Moderation:

Lilian Busse, German Environment Agency

Soil Natural Natural Spatial Planning Resources La Land-Use





Policy perspectives: The role of soil science to address societal challenges







Nicola Dall'Olio Head of cabinet of the Emilia Romagna regional Minister for Agriculture **Hunting and Fishing** 



**Maros Finka** Office of the Government of the Slovak Republic



Rolf Bräuer German Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety



Josiane Masson **European Commission DG** Environment



Ivana Vujic European Knowledge Network











**End-user perspectives:** What science do we need?



Moderation: Margot de Cleen, Dutch Ministry of Infrastructure and Water Management; European Soil Expert Group

Soil Resources Spatial Planning Ing Resources La and-Use





## **End-user perspectives:** What science do we need?







Liisa Pietola Copa-Cogeca Working Party on Environment soil scientist and MTK



Paola Toniolo Solvay **GBU Peroxides EMEA** 



Nikola Petković Advisor for **Regional Development** City of Zagreb



Michaël Wilde Eosta, Save our Soils



Paul van Riet DOW. **Chairman industry group NICOLE** 









**Science perspectives:** What science do we want?

Moderation:

Violette Geissen, WUR & European Soil Partnership

Soil Natural Natural Resources Farming Resources La and-Use





## **Science perspectives:** What science do we want?







Ana Iglesias Universidad Politécnica de Madrid



**Linda Maring Deltares Coordinator Soils4EU** 



**Arwyn Jones European Commission** Joint Research Centre



Kris von looy Forschungszentrum Jülich Institute of Bio- and Geosciences



Jan Staes University of Antwerp, Antwerpen **Department of Biology** 





## INSPIRATION Research Agenda





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ntegrated reasearch topics	Geological resources & reserves	Natural hazard prevention	Ecosystem services		Quantity, quality and health of soils;	Intrinsic value of soils and landscapes	Biodiversity, organismic and genetic	Emerging contamina in soil and groundwa
Stakeholder participation				Driving Forces:	soil carbon		resources	Policies to effective reduce land
				Natural, Land Use,	E-1-1-1-1-1			consumption
From indicators to implementation	Urban / Infra-structure	Water	Health & quality of life	Society & Policy	Prevention of erosion and natural hazards	Water, water cycle	Geological resources	Environmental assessment and s monitoring
				KX				
Urban metabolism	Food, feed, fibre, fuel		nand natural capital tem services	Pressure & Protection	Natural Capital  Defining and assessing  natural capital and		Pollutant degradation, filtering and	Farming system
Indicators soil- sediment-water-energx nexus		provided by the SSW system		Protection	ecosystem services		immobilization	Resiliency and clim change challange
				Inspiration	K			
Ecosystem services in land use decisions	Governance, management	Climate change challenges		Land managemen	Land as	Land as a resource in urban areas (Sustainable urban land management)		Management of soi urban areas
Environmental and social urban development	mechanisms, instruments and police			s-sectoral concepts to ba lemand and natural capit	(Sustain			Circular land management
Innovative technologies and eco-egineering 4.0				\$				Integrated scenari
	Understanding and	Develo	ping	Net impacts	Tende 14	Fanalusia P	Calanna Caniaty	
Sustainable manage- ment	assessing impacts of drivers and management	impact assessment methodology		mpacts on global, regiona and local as well as temporal scales	Trade-off analysis & decision support		Science-Society- Policy Interface	Bioeconomy