



PREPSOIL and its work to support the Mission Soil

Niels Halberg

Director Danish Centre for Food and Agriculture (DCA), Aarhus University, Coordinator of the EU-funded project PREPSOIL

22/11/2023













Setting the scene: facilitating the deployment of the Mission "A Soil Deal for Europe"



Unhealthy soils

- Soils are threatened because of human activities. 2/3 of all soils in the EU are in an unhealthy state.
- Lack of knowledge, awareness, education affects its capacity to provide ecosystem services
- insufficient access to data and knowledge
- lack in capacities for monitoring soil health

PREPSOIL activities support the induction phase and "roll-out" of the Mission (2022-2025)

#MissionSoilWeek #MissionSoil #EUMissions



PREPSOIL: Preparing the European Mission towards healthy soils

EUROPEAN MISSION SOIL WEEK

Objectives:

Facilitate the deployment of the Mission across European regions through the creation and roll out of:

- Tools and spaces for interaction, knowledge-sharing and co-learning among a multitude of stakeholders to improve soil literacy and raise awareness;
- Stocktaking and dialogue to understand how regional assessment of soil needs, supported by harmonised monitoring mechanisms, can lead to action in living labs and light houses for soil health.



STOCKTAKING

From previous initiatives, especially on agricultural soils.

OPEN SCIENCE

By default, multiplying the impact.

FLEXIBLE

Smooth communication and adaptation to the Mission's needs.

CAPABLE

Consortium composed of the top EU researchers, agencies and stakeholder associations.



SOIL LITERACY, COMMUNICATION AND ENGAGEMENT SPACES

STAXEHOLDER MANAGEMENT

Expansion of National Soil Hub concept, coordination and organisation of stakeholder identification, engagement and co-creation. At EU, national and regional levels. Multi-actor approach.

AWARENESS, CAPACITY BUILDING AND CONNECTIVITY

Specific campaigns and activities, including sciencepolicy interface, planned to build awareness, and improve the knowledge base among citizens, land managers and urban planners, as well as fostering the generation of connections among different communities of practice.

WEB PORTAL

Multi-lingual knowledge hub, project's TV, virtual for interconnection, LL atlas, promotion of best practices and advocates, etc.

BACKING UP THE MISSION'S IMPLEMENTATION PLAN

SOIL NEEDS

Evaluation of soil needs, at least in 19 regions, focusing in the landscape level, defining priorities for LL action.

MONITORING

Assessment of indicators for different land uses, exploring EO and citizen observatories, improvement of monitoring knowledge-base.



LIVING LABS

Co-creation of model business plans, inc... governance and sustainability, adapted to maturity level.



PREPSOIL partners



- Name: PREPSOIL Preparing for the 'Soil Deal for Europe' Mission
- Call Proposal: HORIZON-MISS-2021-SOIL-01
- Funded under: Food, Bioeconomy Natural Resources, Agriculture and Environment
- **Duration**: 1 July 2022 30 June 2025
- Partners: 20 partners from 11 EU MS + 1 AC representing multidisciplinary academic partners; EU umbrella organisations; and multi-actor associations.



Stakeholder management: multi-level engagement

EUROPEAN MISSION SOIL WEEK



Land Managers,
Owners &
Farmers



Students & Citizens



Companies & Businesses



NGOs



Authorities & Soil Monitoring Agencies



Academia & Innovation

PREPSOIL is reaching out to a wide audience: from universities to citizen scientists; from school students and teachers to soil monitoring agencies; up to society at large!



Local and regional



National



EU

#MissionSoilWeek #

#MissionSoil

#EUMission:

Impact pathways supporting the Mission Soil

EUROPEAN MISSION SOIL WEEK

1. Increased soil literacy, awareness and societal appreciation

Engaging Communities of Practice from multiple regions

Informing society to enable informed decisions through improved access to examples of best practices in education and training

2. Improving the knowledge base and the access to critical information to take action on soil health

Create a multi-lingual Knowledge Hub as a singleentry point to soil literacy information

Exploring co-learning processes between CoPs

3. Interaction spaces for effective Mission deployment fulfilling EU and international commitments

Increasing the networking and knowledge exchange between communities of practice

Supporting innovative science-to-policy advice aimed at contributing to successful implementation



1. Increased soil literacy, awareness and societal appreciation: WEEK

Engaging Communities of Practice from multiple regions

- PREPSOIL is boosting a citizen awareness effort by engaging with multiple Communities of Practice (CoPs) - from local and regional movements, grass-root organisations and civil society organisations - to raise awareness about the importance of healthy soils to peers and society at large
- through video interviews with multiple CoPs to showcase their work



Andreas Capjon / Økern Portal Rooftop garden in Oslo, Norway 66 Aufrufe • vor 1 Monat



Maïna Joner at Skøyenåsen hagelag in Oslo, 68 Aufrufe • vor 1 Monat



Best Teaching Practices | The vital soil - The Nature School in Lund 35 Aufrufe - vor 1 Monat



Farming in Balance (Odling i balans) -Hacksta gård (Sweden) 67 Aufrufe - vor 1 Monat



Farming in Balance (Odling i balans) -Hidinge gård (Sweden) 72 Aufrufe • vor 1 Monat



Urban gardens at "Suerte Saavedra (Spain)" 307 Aufrufe • vor 2 Monaten



Best Teaching Practices | Raising Soil Awareness among Austrian Pupils and... 35 Aufrufe • vor 3 Monater



Getting started with Soil Living Labs in Norway | PREPSOIL workshops 180 Aufrufe - vor 4 Monaten

Prepsoil - YouTube









1. Increased soil literacy, awareness and societal appreciation: WEEK

Engaging and reaching out to a multitude of actors: Soil Advocates

- A continuous effort to engage with a multitude of stakeholders at the local/regional levels to enable a generation of competent soil stewards
- Purpose: engage with inspirational "agents of transition" through Call for Soil Advocates
- Contribution in PREPSOIL?
 - Voluntary contributions
 - give feedback on the usability of the developed tools and spaces (Knowledge Hub, Forum, mobile app, etc)
 - support communication efforts
 - network to exchange knowledge and experiences



https://prepsoil.eu/soil-advocates



1. Increased soil literacy, awareness and societal appreciation: WEEK Informing society to enable informed decisions through improved access to examples of best practices in education and training

Open Calls for Best Teaching Practices for Healthy **Soils** at Primary and Secondary school level to:

- collect the sources of information suitable for citizen's soil literacy, best practices, and inspirational materials
- to allow educators to identify and promote **best** practices of soil education and establish points of connection within the education community enabling co-learning and knowledge exchange for a better inclusion of soil health in educational contents.



Raising Soil Awareness among Austrian **Pupils and Students**

In order to raise awareness and understanding of the importance of soil, ASSS, the Austrian Soil

School: Environment Agency Austria and more (see text),



Foligno (Perugia), Italy

Carbon Cycle, Soil and Biodiversity within

The aim of the project was to explore soil-related topics, a subject that is scarcely or not at all present

School: Liceo Scientifico e Artistico G Marconi, Teacher



The vital soil

At Naturskolan (The Nature School) in Lund, we have teached about soil using outdoor pedagogy At the Nature school, we

School: Naturskolan, Teacher: Carolina Lindeblad

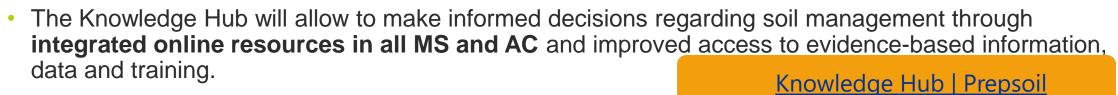


https://prepsoil.eu/best-teaching-practices



2. Improving the knowledge base: The Knowledge Hub

- One-stop-shop multi-lingual for soil health, providing a single-entry point to soil literacy information
- Improved access of information to raise awareness and take action on soil
- User needs in the centre with filtering options for:
 - Land use
 - Soil Mission Objectives
 - Country
 - Language
 - Type of content
 - Media format
 - Source







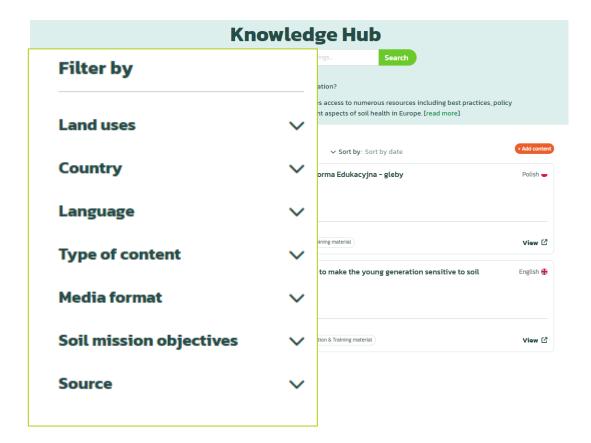








2. Improving the knowledge base: The Knowledge Hub



Type of content:

- Best practices and tools
- Conference deliverable
- Education & training material
 - Primary education
 - Secondary education
 - Vocational education and training
 - Higher education
- Interview
- Policy documents
 - International policy document
 - EU policy document
 - National policy document
 - Regional policy document
 - Policy recommendation
 - Science-based policy advice
- Scientific
 - Publications and reports
 - General article

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Submissions welcome!



Knowledge Hub | Prepsoil



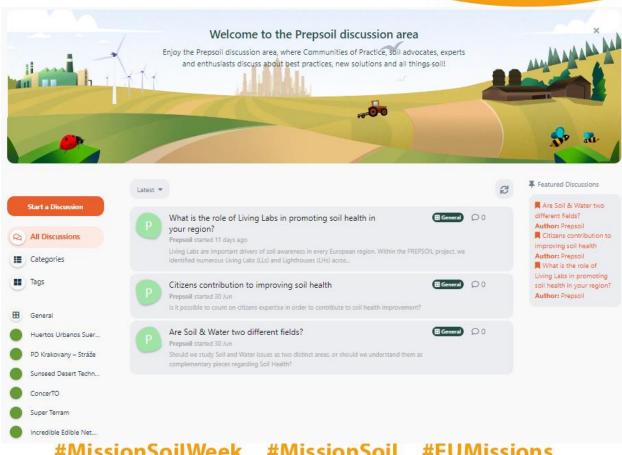
3. Interactive spaces for effective Mission deployment:

The web-based Forum

- local/regional communities of practices (CoP) will engage, network, exchange knowledge, interact, publish and share documents, discuss via posts, welcome members and organise virtual meetings
- the Forum will be extended to other **thematic** CoPs, i.e., science-policy advisory experts and soil monitoring officers

Forum | Prepsoil

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PREPSOIL: Preparing the European Mission towards healthy soils

EUROPEAN MISSION SOIL WEEK

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Thank you!

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Regional soil needs assessment: region selection procedure

Saskia Keesstra

Climate-Kic/Wageningen Environmental Research

22/11/2023













PREPSOIL SOIL NEEDS ASSESSMENT

OBJECTIVES:

- To identify the existing 'soil needs' in contrasting regions in European MS and AC that represent the main European pedo-climate zones and land uses
- To kick off a wider appraisal effort across the EU regions.

• By:

- Select the regions: ensure good representation of different key identifiers (land uses, environmental zones, soil types, accessibility/established stakeholder networks).
- Assess soil needs: options to restore soil health: determine the status of soil health; options and drivers for its improvement at landscape and land use levels
- Provide a starting point for recommendations on priority actions to be implemented in LLs/LHs.



DEFINITIONS:

Soils Health: the continued capacity of soils to support ecosystem services

Soil Needs: the requirements from existing and emerging socio-economic and geo-biophysical perspectives that determine soil health and related services to human society



SELECTION OF THE REGIONS

- Representative contrasting regions?
- Regions? How big? smallest/largest? NUTS-2? NUTS-3?
- Representative of what?
 - Of what Europe currently is?
 - Or what is should become?







SELECTION OF THE REGIONS

- We defined that a region should be:
 - a specific land use dominates but interacts with the other land uses (at least one other)
 - common drivers cause the current unsustainable land/soil management
 - sustainable management (from both a biophysical and socio-economic point of view) is planned or is already in place



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A region is representative of other regions in EU (so the majority of Europeans will recognize themselves):

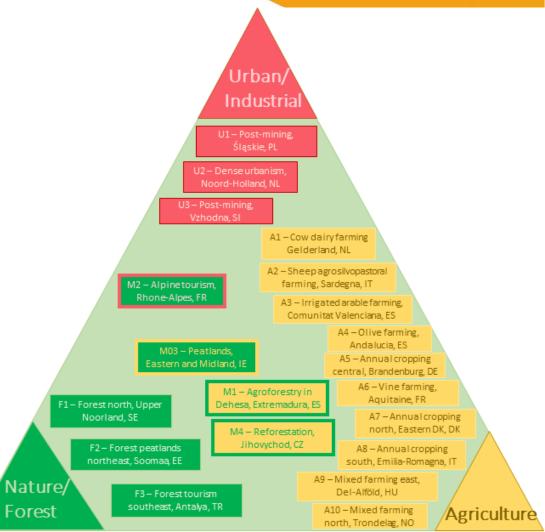
Common characteristics:

- Soil (threat)/soil needs
- Drivers: e.g Climate (change)
- Land use/management type
- Socio-economic conditions
- accessibility/established stakeholder networks.

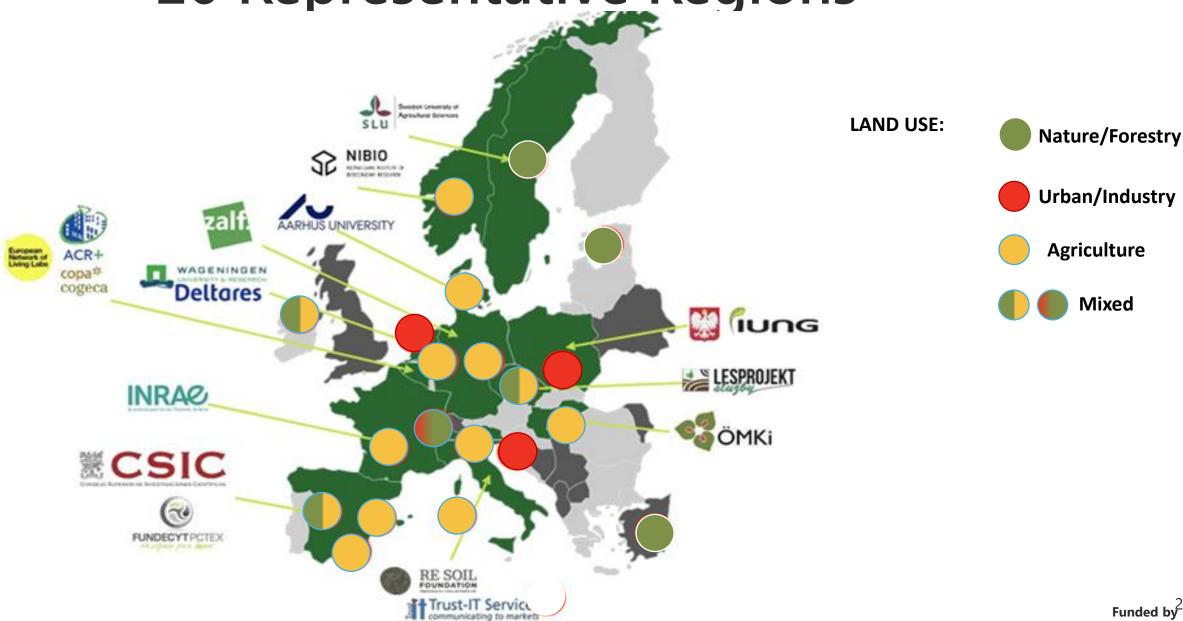


SELECTION OF THE REGIONS: LAND USE CATEGORIES

Туре	Sub-types							
Agriculture	non-perennial cropland	Perennial cropland	grassland	mixed				
Forestry	Forest on mineral soils	Forest on organic soils						
Natural	(semi-)natural drylands	(semi-)natural peatlands	Natural forests					
Urban	urban	peri-urban						
Industry	industrial	post-industrial	mining	post-mining				
Mixed	All combinations	Areas changing land use						



20 Representative Regions





Regions and their issues

• In each region:

- a workshop
- 10 targeted interviews are organised with local members,

The outcomes of these workshops:

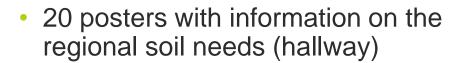
- Synthesis report of soil needs and drivers of changes for each land use type
- Regional focused Strategic Research and Innovation Agenda (mid-2025).
- This information will support the creation of recommendations on co-creating innovative activities to improve soil health, as well as new Living Labs and Lighthouses.

Land use type	Issue and region
Agriculture	Cow dairy farming, Gelderland, Netherlands
Agriculture	Sheep Agrosilvopastoral farming, Sardegna, Italy
	Irrigated arable agriculture, Comunitat Valenciana,
Agriculture	Spain
Agriculture	Olive farming, Andalucía, Spain
Agriculture	Annual Cropping Central, Brandenburg, Germany
Agriculture	Vine Farming, Aquitaine, France
Agriculture	Annual cropping North, East Denmark, Denmark
Agriculture	Annual cropping South, Emilia-Romagna, Italy
Agriculture	Organic mixed agriculture East, Dél-Alföld, Hungary
Agriculture	Mixed farming North, Trøndelag, Norway
Forestry	Forest north, Upper Noorland, Sweden
Forestry	Forest peatland Northeast, Soomaa, Estonia
Forestry	Forest tourism Southeast, Antalya, Turkey
Mixed Land use	Agro-forestry in Dehesa, Extremadura, Spain
Mixed Land use	Alpine tourism, Rhône-Alpes, France
Mixed Land use	Peatlands, Eastern and Midland, Ireland
Mixed Land use	Reforestation, Jihovýchod, Czech Republic
Post Industrial	Post-industrial, Śląskie, Poland
Post Industrial	Post-mining, Vzhodna Slovenija, Slovenia
Urban	Dense urbanism, Noord-Holland, Netherlands



Workshops and interviews done

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 Afternoon breakout session: four selected regions present their findings



Regional Workshops





26 May 2023

High Tech Agriculture – Müncheberg (Germany)

The Müncheberg "PREPSOIL Regional Soil Needs Workshop" takes place on the 26th of May, 2023. This workshop aims to...

Germany, Agriculture



19 May 202

Reforestation – Žďár nad Zázavou (Czech Republic)

The Žďár nad Zázavou "PREPSOIL Regional Soil Needs Workshop" takes place on the 19th of May, 2023. This workshop aims to...

Czech Republic, Agriculture, Czech Republic, Forestry



17 May 2023

Post mining - Zagorje ob Savi (Slovenia)

The Zagorje ob Savi "PREPSOIL Regional Soil Needs Workshop" takes place on the 17th of May, 2023. This workshop aims to...

Slovenia, Natural



26 April 2023

Forests - Antalya (Turkey)

The Antalya "PREPSOIL Regional Soil Needs Workshop" takes place on the 26th of April, 2023. This workshop aims to...

Turkey, Forestry



26 April 2023

Vineyard Soils - Bordeaux (France)

The Bordeaux "PREPSOIL Regional Soil Needs Workshop" takes place on the 26th of April, 2023. This workshop aims to...

France, Agriculture



25 April 2023

Dairy Farming – Achterhoek (The Netherlands)

The Achterhoek "PREPSOIL Regional Soil Needs Workshop" takes place on the 25th of April, 2023. This workshop aims to...

Netherlands, Agriculture



10 May 2023

Mountain Soils - Grenoble (France)

The Grenoble "PREPSOIL Regional Soil Needs Workshop" takes place on the 10th of May, 2023. This workshop aims to...

France, Natural, France, Urban



04 May 2023

Agricultural Land in Po Valley – Rimini (Italy)

The Rimini "PREPSOIL Regional Soil Needs Workshop" takes place on the 4th of May, 2023. This workshop aims to debate on...

Italy, Agriculture



03 May 2023

Forest production on drained peatlands -Soomaa region (Estonia)

The Estonian "PREPSOIL Regional Soil Needs Workshop" takes place on the 3rd of May, 2023. This workshop aims to...

Estonia, Forestry, Estonia, Natural



20 April 2023

Urban Soils – Amsterdam (The Netherlands)

The Amsterdam "PREPSOIL Regional Soil Needs Workshop" takes place on the 20th of April, 2023. This workshop aims to...

Netherlands, Urban



13 April 2023

Agroforestry - Badajoz (Spain)

The Badajoz "PREPSOIL Regional Soil Needs Workshop" takes place on the 13th of April, 2023. This workshop aims to debate...

Spain, Agriculture, Spain, Forestry



13 April 2023

Annual Cropping - Aarhus (Denmark)

The Aarhus "PREPSOIL Regional Soil Needs Workshop series" takes place on 13th April, 8th, 10th and 11th May. This series...

Denmark, Agriculture



Thank you!

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Soil needs assessment in 20 European regions: approach and key results

Katharina Helming, Lukas Bayer, Keerthi Bandru

Leibniz Centre for Agricultural Landscape Research (ZALF)

and PREPSOIL consortium

22/11/2023



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SOIL NEEDS ASSESSMENT

DEFINITIONS:

Soils Health: the continued capacity of soils to support ecosystem services (Soil Mission)

Soil Needs: the requirements from existing and emerging socio-economic and geobiophysical perspectives that determine soil health and related services to human society (PREPSOIL)



A Systems Approach

A Regional Approach

A Participatory Approach

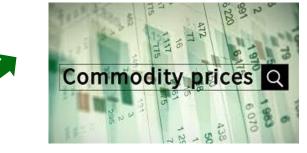
A Scalable Approach



SOIL NEEDS ASSESSMENT

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Drivers





Responses



Human
Environment
Interactions



Impacts



States



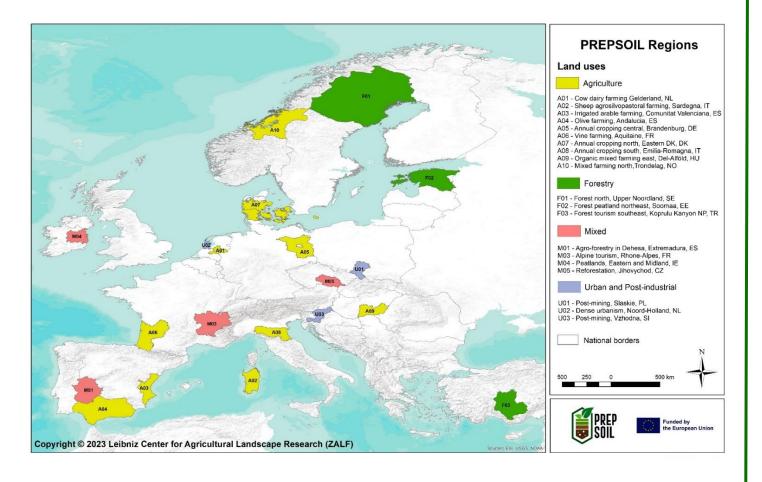
DPSIR Framework

- Drivers that improve soil health management
- Pressures: precautionary soil management
- States, that make up healthy soils
- Impacts, that are beneficial to ecosystems and humans
- Responses, protective of soils and limiting of ecosystem service decline



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20 European Regions



Dominant Land Uses

Environmental Zones

Soil types (WRB)

Soil threats

Soil Mission Objectives

EUROPEAN MISSION SOIL WEEK

Assessment process in 20 regions: 3 steps

Step 1: literature study: knowledge on soil needs and stakeholder inventory;

Step 2: stakeholder workshop and ±10 interviews.

- discuss and validate the literature review
- explore future vision for the region
- elucidate perspectives on barriers and opportunities for soil health transitions (Living Lab approach)
- Step 3: a summary of the soil needs for each region.





Stakeholder workshops

Brandenburg, Germany Annual cropping

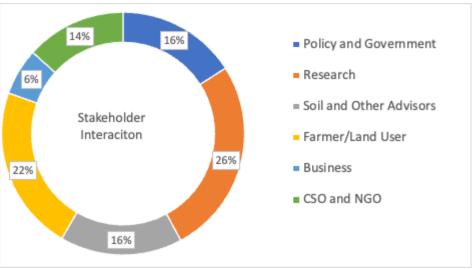






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Stakeholder groups involved



> 500 individuals in total



Regions

Soil health objectives addressed

Land Use Category	Region/Soil Mission Objectives	1. Reduce desertification	2. Conserve soil organic carbon stocks	3. Stop soil sealing and increase re-use of urban soils	4. Reduce soil pollution and enhance restoration	5. Prevent erosion	6. Improve soil structure to enhance soil biodiversity	7. Reduce the EU global footprint on soils	8. Improve soil literacy in society
	A01: Cow Dairy Farming								
	A02: Sheep Agrosilvopastoral								
	A03: Irrigated Arable Farming								
	A04: Olive Farming								
	A05: Annual Cropping Central								
	A06: Vine Farming								
	A07: Annual Cropping North								
	A08: Annual Cropping South								
	A09: Organic Mixed Farming East								
	A10: Mixed Farming North								
Forestry	F01: Forest North								
	F02: Forest Peatland Northeast								
	F03: Forest Tourism Southeast								
, white di	M01: Agroforestry in Dehesa								
	M02: Alpine Tourism								
	M03: Peatlands								
	M04: Reforestation								
Urban and	U01: Post-mining								
	U02: Dense Urbanism								
	U03: Post-minig								



EUROPEAN UNION Drivers of soil management

EUROPEAN MISSION SOIL WEEK

CAP

Bureaucacy

Sunk Investments

Path dependencies

Climate Change

Policy-Economy

Environment

Fires/heat/floods

Invasive Species

Land Scarcity











Migration

Eco-tourism

Dietary preferences

Community activities

Socio-Culture

Technology

Digitalisation

Robotics

De-industrialisation

Communication



Soil Needs in Agriculture:

Soil improving management solutions are available but barriers are high

- Remove economic, policy and knowledge barriers to soil improving management
- Redirect policy (CAP) to support provision of ecosystem services alongside production
- Integrate agro-ecological principles with modern technologies in a systems aproach
- Acknowledge cultural identity, ownership, and a sense of belonging to an area.
- Consider path dependencies and land use history





Soil Needs in forestry and natural land

- Remove drainage in peatland for SOC sequestration and climate change mitigation
- Consider watershed relationships in agricultural and urban water management (irrigation, drainage)
- Adapt forest management to climate change (drought, excessive water, fire) with diversification,
- Avoid soil compaction with continuous cover, leave top branches on the soil when harvesting
- Utilise the eco-tourism movement for economic diversification of the regions; be aware of side effects





Soil Needs Urban/Industry land uses

- Use nature-based solutions and de-sealing where possible to limit excessive heat and rainfall
- Support community lead activities for a greening transition
- Follow novel approaches in housing, which limit land take and soil sealing

Replace economic activities in post-industrial areas

Remediate mining and contamination sites





Soil Needs in mixed land uses

- Provide acess to training and cooperation amongst land users, even more due to the higher complexity of land use
- Support climate change adaptation, and awareness of higher flood, landslide, erosion, fire risks
- reverse of rural exodus and attention to rural renewal
- Introduce long term land tenure systems for feeling of beloning and responsibility.
- balance land use: close to villages lands are overutlised while remote areas are abandonend





Synthesis

- Understanding soil needs requires understanding human – environment systems interactions
- Improving the soil means addressing the causes and not the symptoms
- Consideration of regional configurations necessary
- Activities in living labs can take up the soil needs assessment approach







Thank you!

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Implications for stakeholder interaction, living labs, monitoring, science-policy

Line Friis Lindner

PREPSOIL Project Manager, Danish Centre for Food and Agriculture (DCA), Aarhus University, Denmark

22/11/2023













Supporting the Mission's Implementation Plan

- The Mission Soil proposes a novel approach to R&I for impact based on strong stakeholder and citizen engagement.
- PREPSOIL focuses on the generation of spaces for interaction, co-learning and building awareness to back up the Mission's Implementation plan
- PREPSOIL undertakes activities on (i) appraisal of soil needs at regional level, (ii) providing direction and capacities for the future soil health monitoring mechanisms, (iii) mapping and preparing the implementation of regional Living Labs; science-policy interface; and strengthening stakeholder interactions.



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MONITORING

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LIVING LABS

Co-creation of model business plans, incl governance and sustainability, adapted to maturity level.

Figure 1. Project's overall concept



SYSTEMIC INNOVATIONS: Living Labs and Lighthouses as place-based co-creation and innovation ecosystems

EUROPEAN MISSION SOIL WEEK

Aims:

- Interactive LL Map: stock-taking current experiences around LLs
- Investigate current modes of financing LL and LHs
 - workshops on model business plans reflecting different contexts of each LL/LH, including the state of maturity, cooperation forms, innovation approaches, growth/exploitation
 - convene discussions on potential financing models, incl. private and public actors.
- 3. Service package with a set of recommendations for the Mission co-created with pilot LLs/LHs to accelerate their roll out and maturity

Map of Living Labs and Lighthouses | **Prepsoil**

BACKING UP THE MISSION'S IMPLEMENTATION PLAN SOILNEEDS Evaluation of soil needs, at least in 19 regions, focusing in the landscape level, defining priorities for LL action. MONITORING Assessment of indicators for different land uses, exploring EO and citizen observatories, improvement of monitoring knowledge-base LIVING LABS Co-creation of model business plans, incl. governance and sustainability, adapted to



MONITORING: Providing direction and capacities for the future harmonized soil health monitoring mechanisms

EUROPEAN MISSION SOIL WEEK

Aims:

- 1. Contributing to improving the knowledge base for the Mission's soil monitoring framework, including data harmonisation
- 2. Evaluate the potential contribution of satellite-based earth observation (EO) techniques for soil health monitoring
- 3. Integrating citizen science (CS)
 - identify potential contributions as well as gaps in CS approaches for different soil use contexts; case study among LLs assessing the potential of using CS in soil monitoring
 - developing and testing mobile app to engage with citizens' scientists and students' parents and families to gather data from real-life observations
- 4. Identify and fulfil the capacity building needs of decision makers and public officers (incl. LL members) to assess monitoring outputs.
 - EU-level pilot training workshops to improve decision-makers' knowledge base on soil health monitoring (course material will be available on Knowledge Hub)
 - discussion on soil health monitoring in the Forum

BACKING UP THE MISSION'S **IMPLEMENTATION PLAN**



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CONNECTIVITY: Science-policy interface strategy supporting national and regional Soil Mission activities including Living Labs

Aims:

- Co-development of best-of-practice methods for science-policy interface and advice at the national/regional (LLs) level in order to facilitate constructive interactions and alignment between stakeholders and public governance in support of the Mission Soil objectives.
- 2. Guidelines for consecutive steps for science-policy interaction, needs analysis and knowledge synthesis
- 3. Pilot-testing in four to six of the LL regions to refine methods and ensure wider utilization aiming for scientifically informed policymaking connecting science with policy.

EUROPEAN MISSION SOIL WEEK



STAKEHOLDER MANAGEMENT

Expansion of National Soil Hub concept, coordination and organisation of stakeholder identification, engagement and co-creation. At EU, national and regional levels. Multi-actor approach.

AWARENESS, CAPACITY BUILDING AND CONNECTIVITY

Specific campaigns and activities, including sciencepolicy interface, planned to build awareness, and improve the knowledge base among citizens, land managers and urban planners, as well as fostering the generation of connections among different communities of practice.

WEB PORTAL

Multi-lingual knowledge hub, project's TV, virtual for interconnection, LL atlas, promotion of best practices and advocates, etc.



STAKEHOLDER INTERACTION: Engagement and awareness raising supporting a broad deployment of the Mission

EUROPEAN MISSION SOIL WEEK

Aims:

- 1. Organise multi-level stakeholder interactions and engagement from the EU to the national, regional, and local levels
 - via the National Soil Hubs, dialogues with LLs/LHs, mobilisation of cities and regions via network partners
 - with dedicated stakeholder mapping and engagement procedures
- 2. Planning how the current EJP SOIL Hubs can be expanded into wider multi-actor forums at national level, providing input to soil info repository, and act as a forum, which can drive MS discussions and actions revolving around the Mission.
- 3. Foster awareness raising and facilitate access to knowledge through several actions of dissemination and communication, including the development of the Knowledge Hub and Forum.



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PREPSOIL: Facilitating the deployment of the Mission across European regions

EUROPEAN MISSION SOIL WEEK



STOCKTAKING

From previous initiatives, especially on agricultural soils.

OPEN SCIENCE

By default, multiplying the impact.

FLEXIBLE

Smooth communication and adaptation to the Mission's needs.

CAPABLE

Consortium composed of the top EU researchers, agencies and stakeholder associations.



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SOIL NEEDS Evaluation of soil needs, at least in 19 regions, focusing in the landscape level, defining priorities for LL action.

BACKING UP THE MISSION'S

MONITORING

Assessment of indicators for different land uses, exploring EO and citizen observatories, improvement of monitoring knowledge-base

UVING LABS

Co-creation of model business plans, incl. governance and sustainability, adapted to maturity level.



https://prepsoil.eu



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https://www.linkedin.com/company/prepsoil/



https://www.youtube.com/@prepsoil



https://prepsoil.eu/newsletter







Thank you!

EUROPEAN MISSION SOIL WEEK

Email: Ifl@dca.au.dk Website: https://prepsoil.eu



Announcement from NATIOONS

Soil health thematic online events: December and January

Website for the thematic events

Follow NATIOONS on Linkedin

nati00ns.eu/thematic-events

linkedin.com/company/nati00ns





14.12.2023

De-sealing urban and post-industrial soil

11.01.2024

Innovative
women
improving food
& soil health

18.01.2024

Industry
engagement
for sustainable
soil health

24.01.2024

Regional Smart Strategies for soil health 25.01.2024

Soil health from a forestry perspective

TBD

Soil decontamination

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