

The background features a stylized green plant with three leaves on the left side. Below the plant, there are two large, overlapping curved shapes representing a landscape: a dark teal shape in the foreground and a lighter teal shape behind it.

**Soil Health webinar series
webinar #3 :
Technical soils for increased territorial
resilience**

13th February 2026

Technical introduction / house rules

- Your microphone is on 'mute'
- Please turn off your video
- If you have any questions, please use the button "raise your hand" or use the chat
- For other remarks , please use the MIRO Board (link in the chat)
- The meeting will be recorded and published online on our website

Technical soils for increased territorial resilience : progress of technosols/neosols in sustainable land management



AGENDA

9:30 hrs Welcome and Introduction
Cécile Grand, SOILveR

9:30 – 9:40 “Neosol, technosol, anthroposol: concepts, definitions, analytical framework, and assessment of ecosystem services”
Romain Leyh, ISSEP, Belgium

Innovative solutions for soils: lessons learned from case studies

- **Creating fertile soil from fill materials**
Philippe Bataillard, BRGM, France
- **Gardelegi Technosol Project: reusing municipal waste for soil restoration**
Juan Vilela Lozano, Vitoria Gasteiz, Spain
- **Carbon dioxide removal with tailor-made artificial soils’**
Rubén Leboreiro Amaro, Senior Consultant in LURTEK, Galicia, Spain

10:45 - 10:55 hrs - **Short break**

- **Using clay to make farmland resilient to climate change**
Léon Claassen, LIFE CO2SAND project , Netherland
- **BelgaSOILS – Major survey on technosols and their perception in Wallonia**
Renaud De Rijdt, Senior consultant, ATRASOL, Belgium

11:30 hrs **Wrap up & next steps**
Cécile Grand, SOILveR

What is SOILveR?



A self-financed platform for **knowledge development** and **knowledge exchange** on soil and land management.

Our mission and motivation:

- see an added value of joining forces on issues of common interest for SOILveR members to progress on these matters.
- facilitate collaboration between experts, policy makers and other stakeholders in order to improve methodologies and tools and providing guidance towards better management of soil.

SOILveR members



Ministry of Infrastructure
and Water Management



For more details: <https://soilver.eu/>

Soil Health webinar series



The assessment and management of Soil health in relation to the **European Soil Monitoring Law (SML)** raises **questions** that we aim to address in this webinar series:

- The availability of soil health data
- Scale of analysis and decision
- Soil measurements to be taken
- Aggregate soil measurements and build an integrated soil health index
- Available tools to assess soil health
- Sustainable measurements to preserve or restore soil health
- Technical and legal constraints for soil management, etc.

Soil Health webinar series



... But also, questions related to **stakeholders' engagement** and **transformation challenges**:

- How to raise awareness within your organization to put healthy soils on the agenda and make it part of management processes and procedures
- How to create partnerships with landowners and land users
- How to bridge healthy soils with societal challenges depending on healthy soils (greening cities, climate adaptation, food security, healthy environment)

SOILveR Soil Health webinar series

Reviewing the different aspects of Soil Health during different events:

Past webinars:

#0 Setting the scene in SOILveR countries (France, Belgium, Netherlands, Basque country, Sweden) – *5th November 2024*

#1 Soil Management and land planning – *24th January 2025*

#2 Recycling brownfields – *4th April 2025*

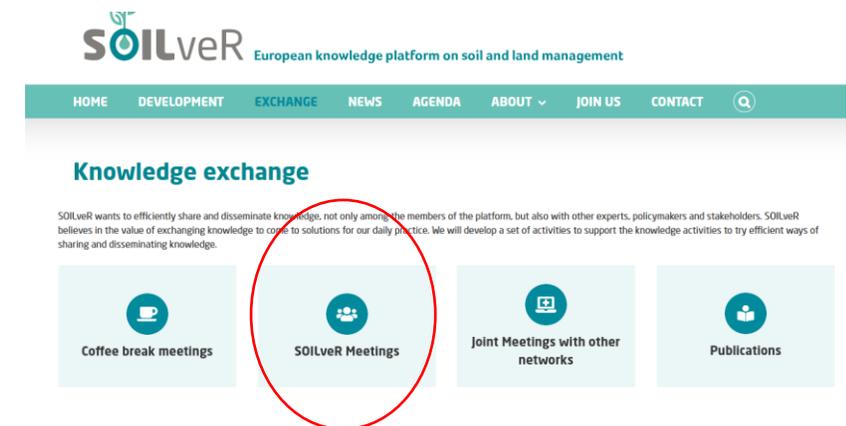
Today's webinar:

#3 Concept of Technosol – *13th February 2026 (9h30 – 11h30)*

Upcoming SOILveR event:

#4 Contaminated site management – *20th March 2026 (9h30 – 11h30)*

<https://soilver.eu/soilver-meetings/>



Questionnaire

1. What are the main gaps (for you) to restore soil health **with engineered (technosol/neosol) soils**?

- Technical gaps
- Legislation gaps
- Organisation gaps
- Other gaps (which ones?)

2. How engineered soils **are** regulated in your country?

3. Is it possible to use engineered soils without restrictions?

4. Which conditions (soil uses) can be easily tested now without a legal framework?

5. Does a higher organic matter content automatically mean that the engineered soil is more healthy ?

6. Do you think the ratio Organic C/clay is the main indicator to assess **engineered** soil health ?



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Thank you !

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