

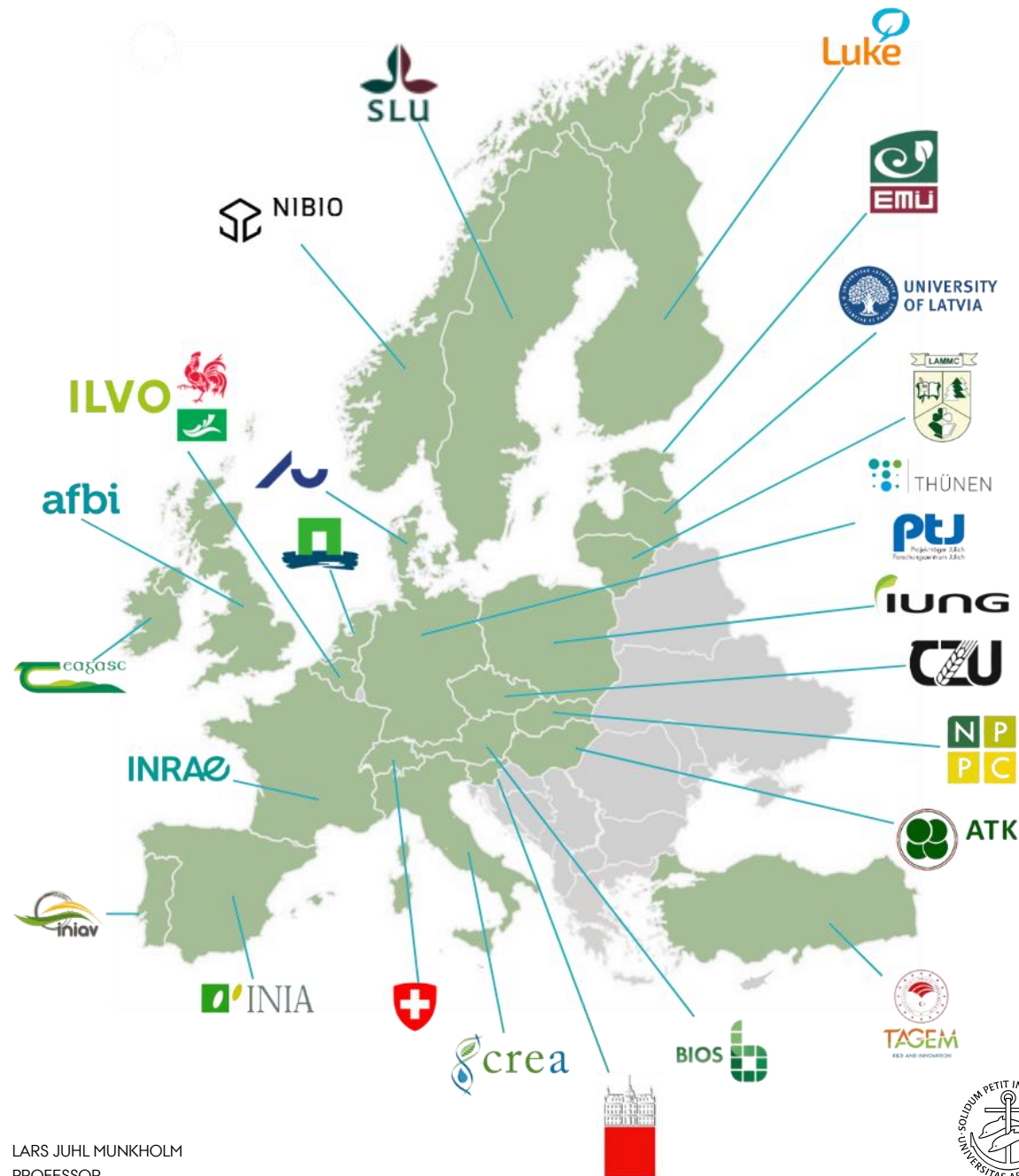
# INTRODUKTION – EJP SOIL

# PROGRAM

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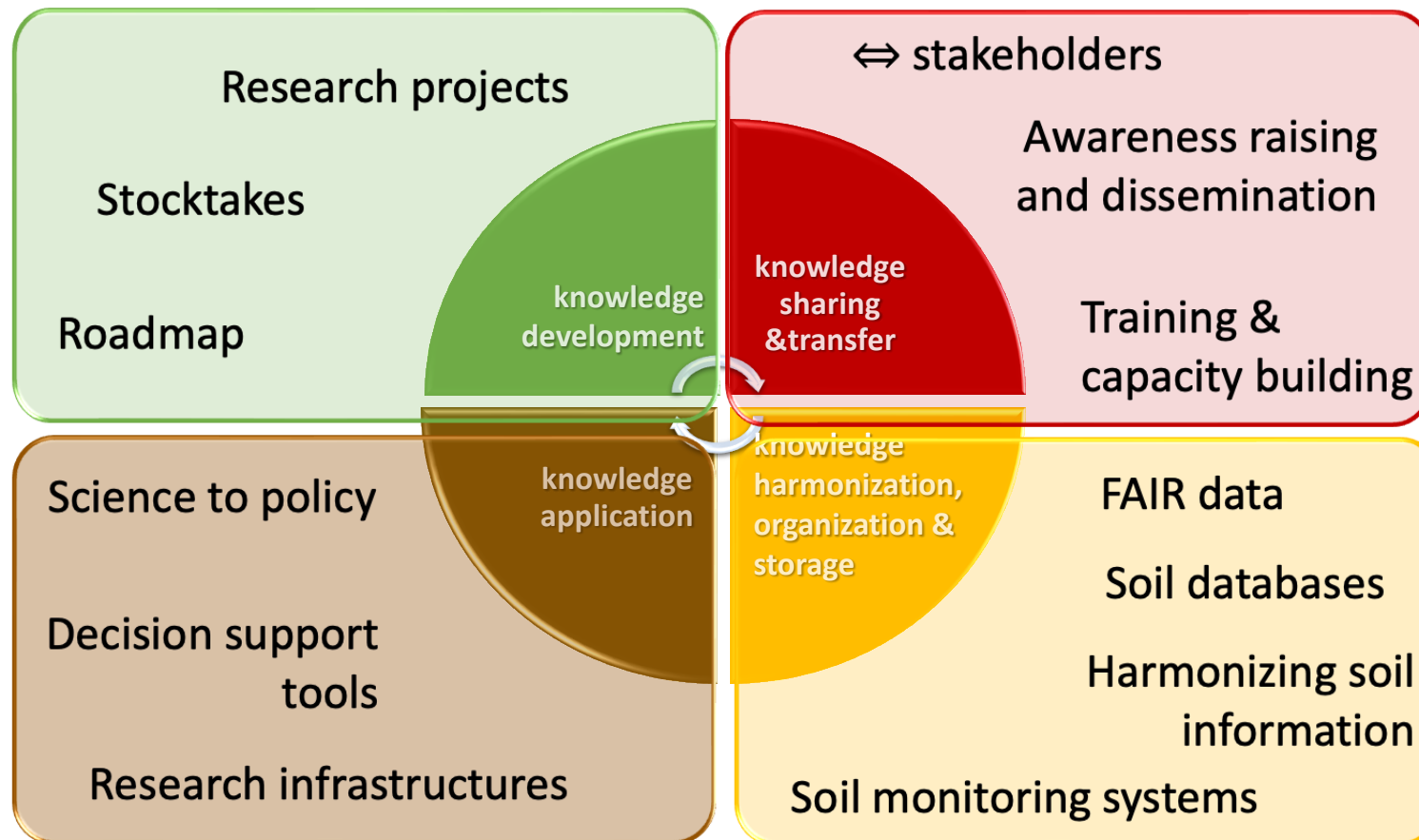
- Eftermiddagens program har fokus på:
  - Formidling af resultater fra EJP SOIL projekter
  - Opsamling på danske input og hovedpunkter fra rapporter vedr. prioritering af jordbrugsforskningen indenfor EU 2025-2035

- 5-årigt rammeprogram (2020-25) under Horizon2020
- Fokus på "Towards climate smart sustainable management of agricultural soils"
- 80 mill €, 50% fra EU og 50% fra partnerlandene
- 24 lande, 26 partners, > 1000 forskere
- 26 interne og 18 eksterne forskningsprojekter





# EJP SOIL AKTIVITETER





# Knowledge Sharing Platform

This is the online repository with open access to and availability of outputs, deliverables, and material produced by the EJP SOIL Work Packages and projects with relevance for partners, external stakeholders and end-users.

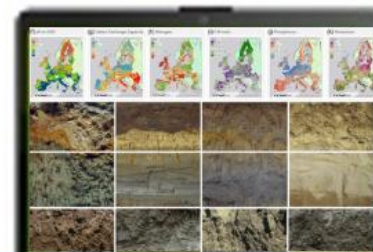
The Knowledge Sharing will continuously be updated.



EJP SOIL Publications



Policy briefs



Soil Data



Platforms & Maps



# Soil Monitoring Law



## EJP SOIL Webinar - Soil Mon

A recording of the 1 hour webinar with key n Sustainable Land Use Department of DG E Law on Soil.

- A common monitoring reporting c in Europe to guarantee comparabi
- Market mechanisms can potential CAP payment schemes.
- Make use of the existing Informati of the CAP to minimize MRV costs.

## INTRODUCTION

Achieving sustainable soil management and sequestering soil carbon represent a crucial challenge in the transition towards an economy focused on climate change mitigation. In this context, the analysis of the state of the art of carbon farming (CF) schemes in Europe emerges as a key pillar

The image is a poster for the CLIMASOMA project. At the top, it says 'EJP SOIL INNOVATION HIGHLIGHTS'. Below that is a large graphic of soil particles with the word 'CLIMASOMA' written across them. The poster is divided into several sections: 'GOOD SOIL STRUCTURE ENSURES GOOD WATER INFILTRATION AND STORAGE.' with a description of soil cover benefits and a note about agricultural practices; 'EJP SOIL FUNDED PROJECT CLIMASOMA' with a summary of the project's goals and a note that 'context is key!'; 'PROJECT COORDINATOR: Sarah Game' with an email address; 'TARGET EJP SOIL EXPECTED IMPACT AND EU MISSION SOIL OBJECTIVES' with a description of the project's impact and mission; and 'HIGHLIGHT FACTS FROM: EJP SOIL funded project: CLIMASOMA' with a QR code. At the bottom right, there is information about applicability to different climatic zones and the European Union logo.

## EJP SOIL INNOVATION HIGHLIGHTS



### GOOD SOIL STRUCTURE ENSURES GOOD WATER INFILTRATION AND STORAGE.

This soil cover can be achieved in different ways: catch crops such as rapeseed or phacelia can offer solace in wintertime, grass can be sown under in corn fields and grass strips planted between rows of fruit trees.

All agricultural practices come with their own advantages and disadvantages. These plants will take up water as well, which can be a problem in regions that struggle with year-round drought.

### EJP SOIL FUNDED PROJECT CLIMASOMA

The results of over 10,000 observations on soil management and crop system practices Year-round soil cover, organic matter additions and a reduction of traffic on agricultural land. No single management practice can be the one solution for all soils and climates: context is key!

#### PROJECT COORDINATOR:

Sarah Game  
[sarah.game@ec.europa.eu](mailto:sarah.game@ec.europa.eu)

### TARGET EJP SOIL EXPECTED IMPACT AND EU MISSION SOIL OBJECTIVES

Fostering understanding of soil management and its influence on climate change mitigation and adaptation, sustainable agricultural production and environment.  
**SOIL MISSION:** Conserve soil organic carbon stocks and improve soil structure

#### HIGHLIGHT FACTS FROM:

EJP SOIL funded project:  
CLIMASOMA

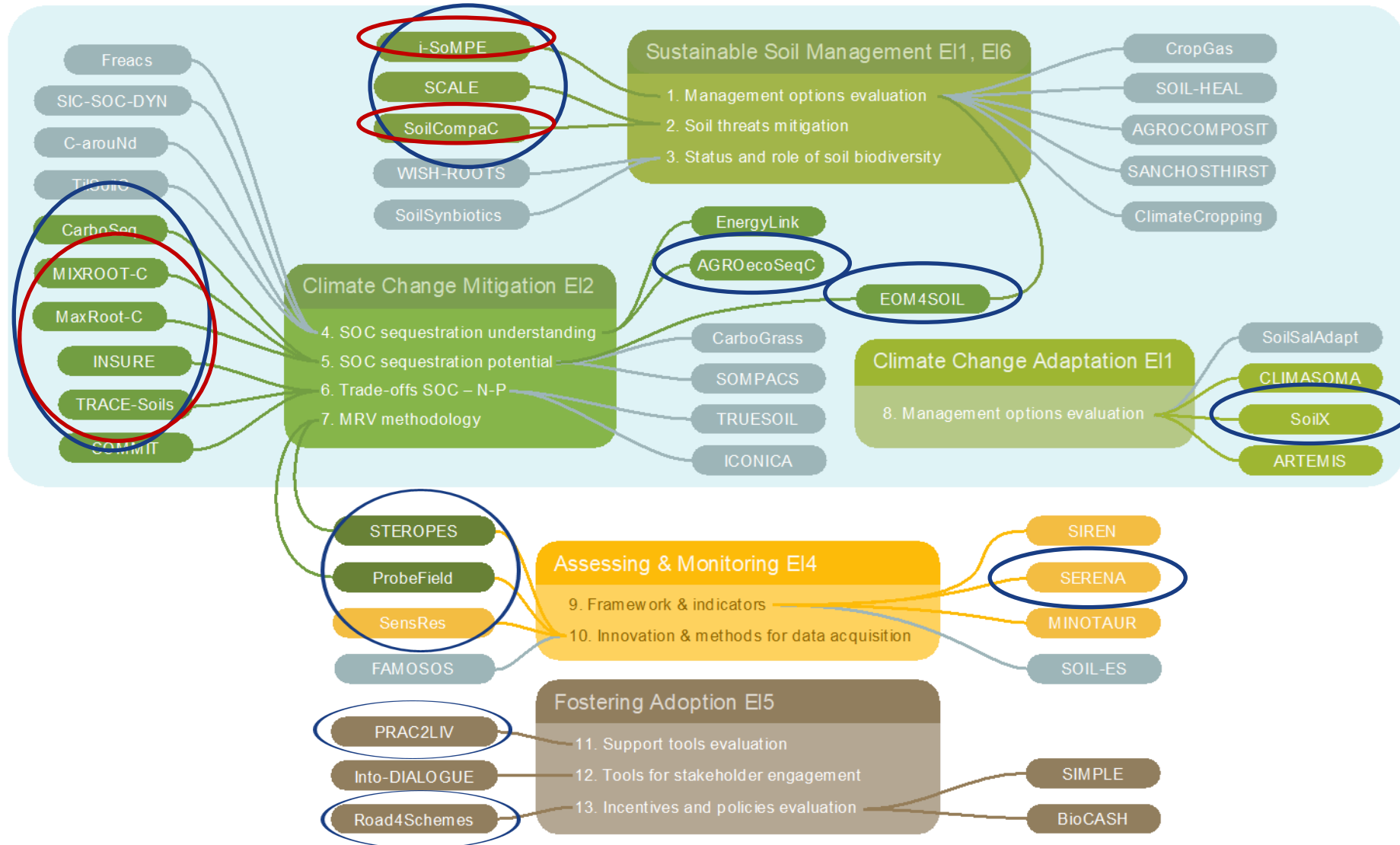


Applicability:  
all climatic zones according to  
Metzger et al. (2005)  
<https://doi.org/10.1017/1488-822X.2005.00990.x>

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EJP SOIL  
EUROPEAN COMMISSION  
AGRICULTURE AND RURAL DEVELOPMENT  
AGRI-MIS-2023



# INTERNE OG EKSTERNE EJP SOIL PROJEKTER



# EJP SOIL DEL

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**Kl. 13.30-14.15:** Kulstoflagring og dyrkningstiltag

Jordpakning og kulstoflagring v. Mathieu Lamandé, Senior forsker, Aarhus Universitet

Øget kulstoflagring ved samdyrkning og brug af arter med dyb rodvækst. v. Jim Rasmussen, Senior forsker, Aarhus Universitet

Hvordan øges anvendelsen af klimavirkemidler? v. Lars J. Munkholm, Professor, Aarhus Universitet

**Kl. 14.15 -14.45:** Pause, kaffe og kage

**Kl. 14.45 -15.15:** Kulstoflagring – sideeffekter i forhold til øvrige drivhusgasser: lattergas og metan

Effekt af jordbearbejdning på jordens luftskifte i relation til risiko for drivhusgasudledning. v. Loraine ten Damme, Postdoc, Aarhus Universitet

Udledning af drivhusgasser efter vådlægning af kulstofrige lavbundsjord. v. Johannes Wilhelmus Maria Pullens, Teanure Track adjunkt, Aarhus Universitet

**Kl. 15.15 -15.35:** Prioriteringer i jordforskningen indenfor EU i de næste 10 år

Opsamling på danske input og hovedpunkter fra afsluttende rapporter. v. Martin Thorsøe, Forsker og Lektor, Aarhus Universitet & Lars J. Munkholm, Professor, Aarhus Universitet.

**Kl. 15.35-16.00:** Afrunding af dagen v. Lars J. Munkholm, Professor, Aarhus Universitet



**GOD EFTERMIDDAG!**



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