

## Alleviating soil compaction in a climate change context (SP1)

### Conveners

- Thomas Keller (SLU & Agroscope)
- Tommy D'Hose (ILVO)
- Mathieu Lamandé (AU)

### Programme outline

Opening and welcome, aims of the session	5'
<b>4 solicited talks + short questions: speakers to be decided</b> <i>(12' each)</i> Topics: <ul style="list-style-type: none"> <li>○ Alleviating soil compaction: knowledge gaps and research needs</li> <li>○ Compaction problems across Europe: overview of main results and conclusions for soil compaction topic from EJP Soil stocktaking activities</li> <li>○ Climate change and consequences for soil compaction (risks) across Europe</li> <li>○ Potentials and challenges of remote sensing to identify and quantify compaction severity and extent</li> </ul>	50'
Discussion: towards identifying work packages for an EJP Soil project for SP1 <i>(the conveners will present the structured suggestions sent in advance by the participants to start the discussion)</i>	25'
Conclusion and wrapping up + action plan	10'

### Description

The overall aim is to identify research questions to be addressed in an SP1 project and to start outlining work packages. For this, we will start with four solicited talks (topics for talks will be described and sent to EJP partners, to find suitable speakers) that cover the different aspects of the SP1 project description. Based on this and on written suggestions sent by the participants before the session, we will identify research questions, potential work packages, and identify interest among EJP Soil partners to be involved in an SP1 application. We will wrap up with a plan for action towards preparation of a SP1 application.

### Instructions for participants

Participants are expected to actively participate in discussions. Participants are encouraged to submit research questions and suggestions to the conveners before the meeting; conveners will structure these and present

Speakers (4 solicited talks) should send in a short abstract to the session conveners; conveners will encourage and actively approach candidates for these talks. During the session, the conveners would like to identify and to gather the expertise of interested partners who would like to contribute to a project proposal.