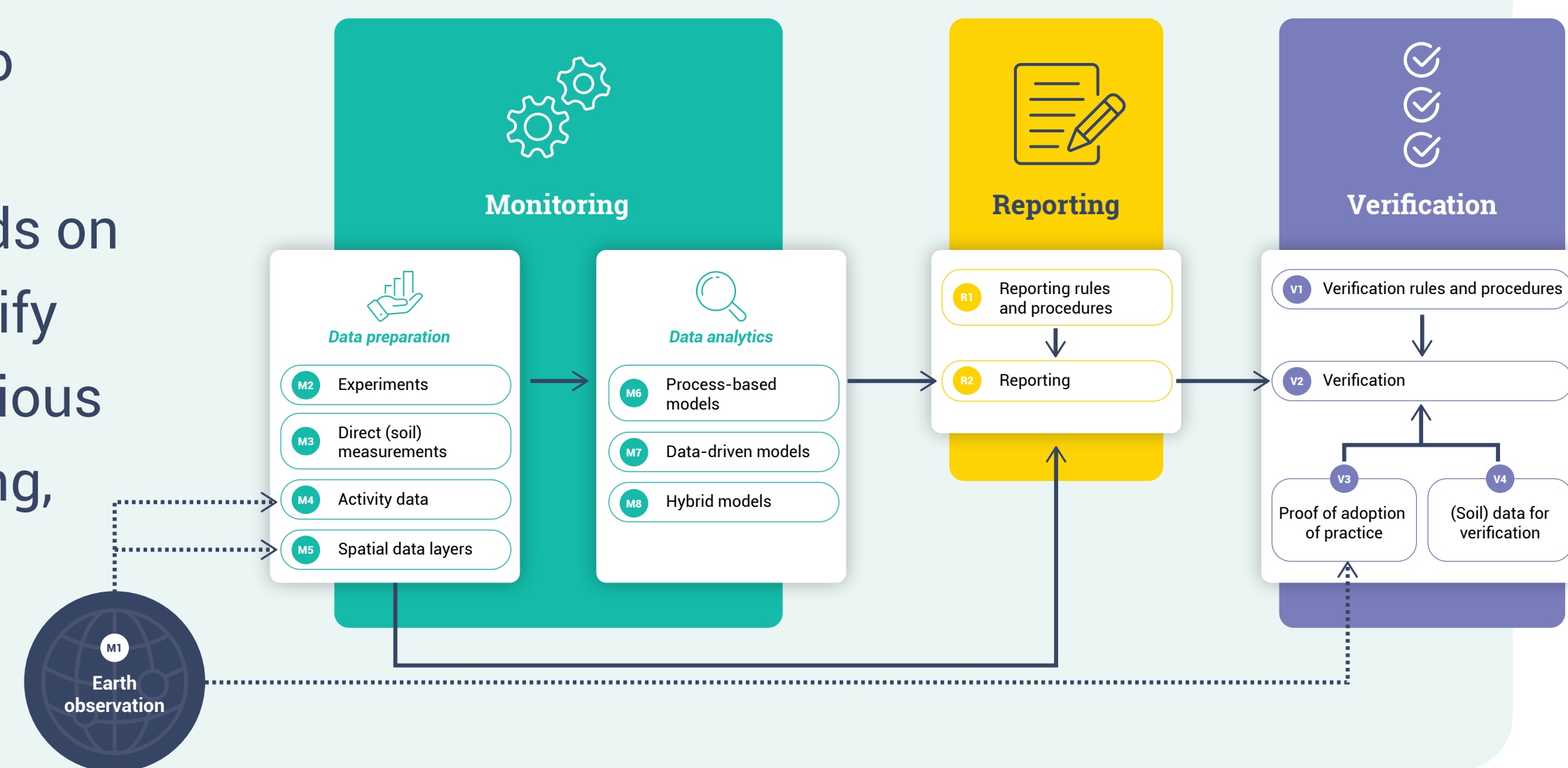


Join the Soil Carbon International Research Consortium

Dr Suzanne REYNDERS (INRAE) and the ORCaSa consortium (suzanne.reynders@inrae.fr)

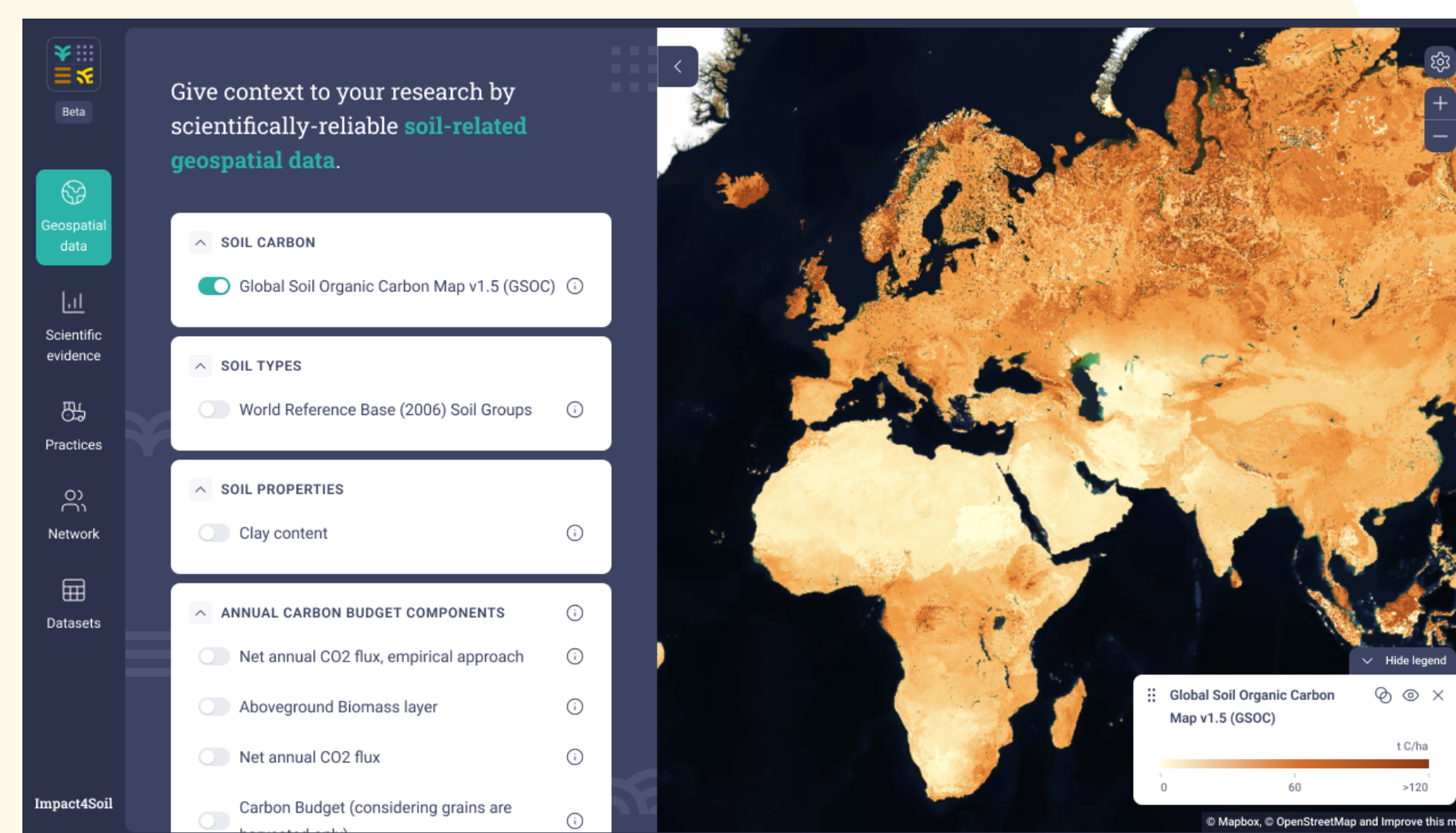
3 main services

A harmonised MRV framework to raise awareness and develop scientific knowledge and methods on how to Measure, Report, and Verify soil carbon stock changes in various contexts of application (Offsetting, Insetting, NDC's, CAP...).



See also presentation «Proposition for a methodological framework and prototype MRV tool for cropland C stock change assessment at high resolution over large regions»

The Impact4Soil platform to drive **cooperation** and knowledge sharing on soil carbon at an international level. 5 modules: maps (visualization of carbon stock and evolution over time), scientific evidence (from metanalysis), practices (from verified sources), data (from scientific repositories), network of initiatives and stakeholders.



See also presentations:
«Impact4Soil: the online platform boosting international research collaboration»
«A global meta-analysis of soil organic carbon in the Anthropocene»

A **Research alignment and calls** program through an aligned Strategic Research and Innovation Agenda considering all types of land use in each region; and through Knowledge hub and Thematic Annual Programming activities to facilitate international collaboration between projects for the Soil Carbon IRC members.



the Soil Carbon IRC road map

ORCaSa (2022-2025) is a Horizon Europe project which aims **to establish the first Soil Carbon International Research Consortium (IRC)**. The need for such an entity emerged during CIRCASA project (2017-2021). With 60-70% of the EU's soil in poor health, ORCaSa contributes directly to **the Soil Deal for Europe and the Green Deal**. By August 2025, the IRC should be fully operational.

February
2021

CIRCASA's final event brought together over 370 stakeholders, many of whom confirmed their commitment to joining the future Soil Carbon IRC, including 4p1000, Global Research Alliance, corporates, etc.

September
2021

The IRC governance structure was proposed and presented during two stakeholder workshops.

February
2023

The ORCaSa team organised a world café with stakeholders to discuss **the Mission and Vision of the future IRC**.

November
2023

An agreement was reached on IRC **governance and services** during two world cafés.



21 November
2023

The Soil Carbon IRC officially **launched in Madrid (Spain)**, during the European Soil Mission Week.



Coming in
2024

First steps of the IRC with the launch of the Impact4Soil platform and the testing of a prototype MRV tool based on the carbon balance approach at plot level.



August
2025

The ORCaSa project will come to an end while the IRC will continue **on its way** with its members, a validated legal structure and an approved business model.

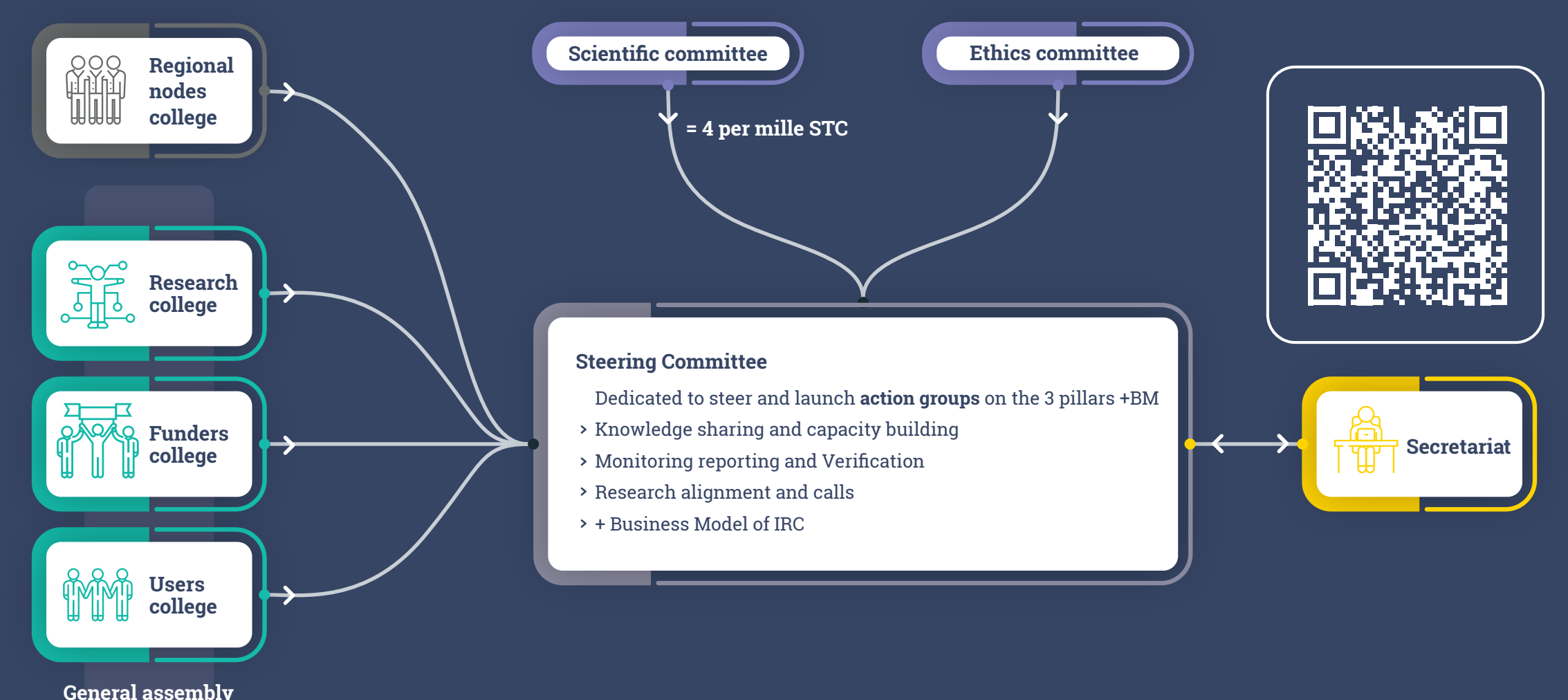


Launched in Madrid
during the EU Soil Mission Week



IRC governance structure

At the heart of the Soil Carbon IRC, there will be **common values** to promote and encourage information sharing and access to research outputs on soil carbon, but also transparency in sources and publications. **Three colleges (research, funders, or users)** will be created in addition to **the college for regional nodes**. Each college will have elected representatives who will sit on a **steering committee** — the decision-making body of the IRC — to work on the strategy and resources to be mobilised and allocated. A **general assembly** will be organised annually to further discuss the strategy.



Interested in joining the IRC? Flash this code!

