

An International Research Consortium on Soil Carbon

Growing knowledge on soil carbon

The ambition of the ORCaSa partners is to build a **unique, reliable, and inter-institutional knowledge platform** that becomes a world reference on soil carbon. It will provide the **IRC (International Research Consortium) community** that will emerge from ORCaSa, with information on relevant research and results, including methodologies for soil carbon balance monitoring, practices, networks, and data.

In addition, it will be the meeting point for research and funding of soils carbon communities to go further and faster as a collective and **make a significant impact on climate change.**

The must-have solution for soil carbon experts.

Today's gaps

- + A wide range of knowledge platforms that bring together only part of the scientific and technical data for different needs.
- + A large number of scientific papers published every week makes it difficult for scientists and policy makers to keep up with soil carbon information.
- + Soil carbon research and innovation should engage a wide range of stakeholders.

What our platform will change

- **Efficient, practical and beautiful!**
 - + 4 key modules accessible from the same interface
 - + Designed for **scientists, policymakers, and experts** working on soil carbon solutions
- **Scientific driver**
 - + A regularly updated **selection of scientific reviews** on soil carbon
 - + Being up-to-date on the latest evidence, practices, and experiences
- **Interactive maps**
 - + At global scale
 - + Easy visualisation of carbon stocks and their evolution
 - + Based on **recognised and reliable data**
- **Speed up networking**
 - + Being part of a network on soil carbon
 - + **Sharing knowledge and experiences**
 - + **Boosting synergies and collaboration** at national, European and global level



A platform under construction to be tested

Because we want to develop a platform that really meets the needs of its users and is as adapted and useful as possible, we are looking for test users to help build it. If you work in the field of soil carbon sequestration or in soil science and management, you can contribute by support us to identify initiatives and projects, key data that could be displayed as maps, key databases on practices, etc.



Join the soil carbon community!

The IRC on soil carbon that will emerge from ORCaSa will advance carbon solutions through knowledge sharing, harmonised research activities and funding. We are therefore seeking international scientific institutions and public or private funders to help us carry out the multidisciplinary research still needed to remove the last barrier to scale-up. We are currently updating a Strategic Research & Innovation Agenda (SRIA) and are looking for experts on soil carbon related to peatlands, forests, and urban and recreational areas.

