



PROJECT CHARTER

[July 22nd, 2025, version]

IWCA Soil Organic Carbon (SOC) Sequestration Compilation

Project Director:

Josep Maria Ribas

IWCA's Founding Board Member

Climate Change Director, Familia Torres

Project Coordinator:

Francisca Estartus

IWCA's Operation Coordinator

1. Project Objective

The primary objective of the **SOC Sequestration Compilation** is to obtain a range of SOC sequestration values in the soil based on real data from scientific studies and analyses conducted by the wineries worldwide. Many wineries are transitioning to regenerative viticulture, while numerous scientific studies demonstrate a positive impact on soil carbon sequestration derived from regenerative agriculture.

Yet, there is not a wide-enough study that can tell us how much carbon a winery could expect to sequester by embracing a regenerative approach in the vineyards.

By creating a repository of projects, either performed next to a scientific research entity (those are obviously more valuable) or directly performed by wineries, this compilation has the potential to aggregate data from more than 10 winemaking countries and serve as a reference for carbon in-setting strategies in the sector.

Therefore, the *SOC Sequestration* compilation will:

- Establish a robust, science-based **benchmark for SOC sequestration** within the wine sector.
- Facilitate **knowledge sharing and best practices** among international wineries.
- Become a tool to ensure a **better harmonization of the methodologies followed** to calculate the SOC sequestration.
- Support the transition to **more sustainable and climate-resilient viticulture** by quantifying and promoting soil carbon enhancement strategies.

2. Project Scope

The project will:

- **Engage** all interested wineries to participate in this collaborative data compilation effort. IWCA will first reach out to its IWCA wineries list, then to IWCA's Partners/Champions. The participation will be open to any other winery not affiliated with the above-mentioned organizations.
- **Collect**, by using the IWCA's SOC Sequestration Template, standardized soil carbon data and management practice information from participating wineries.
- **Compile** and analyse results to produce a comprehensive, sector-wide *SOC Sequestration* compilation report.
- **Disseminate** findings through official IWCA channels, IWCA's Partner's channels, and external communications.

Exclusions:

The project does not necessarily include a specific value of soil carbon sequestration as a finding. It is expected to obtain a range of values that will depend on the quality of the data obtained.

3. Key Stakeholders and Responsible Parties

| Role | Name (Entity) | Responsibility |
|--|-----------------------------|---|
| Project Sponsor | IWCA | Governance & Communication |
| Project Director | Josep Ribas (IWCA & Torres) | Project oversight and strategic direction |
| Project Coordinator | Fran Estartus (IWCA) | Participant's coordination, and reporting |
| Project Participants | IWCA, IWCA's Partners | |
| Project Supporters | TBD* | Funding the initiative. |
| Liaison with Supporters & Final Dissemination | Charlotte Hey (IWCA) | |

Disclaimer:

The wineries participating to the SOC Sequestration Compilation must make sure that **the information shared with IWCA for this specific project is not confidential**, and can be shared, exposed, printed without any harm to themselves or any other third parties. IWCA is not responsible for the data shared on behalf of the wineries.

4. Expected Deliverables/Outcome

Soil Carbon Compilation Report in pdf

Compilation of all the participant projects, ordered by country, based on the same project template for a better visualization and comparison

Public Recognition

Participant wineries will take part in the first ever international compilation of SOC sequestration projects in the wine sector. This is expected to show how engaged the wine sector is and that soil sequestration practices can play a crucial role in achieving carbon neutrality worldwide.

5. High-level Timeline

Timeline

| Phase | Milestone | Estimated Date |
|--|--|-------------------|
| A) Project Internal Launch & Initial data Collection | Charter Approval & Kick-off | July 2025 |
| B) Project Official Launch & Data Collection | Template Sharing and Collection | July-October 2025 |
| C) Compilation Edition | Compile Projects, Format | November 2025 |
| D) Elaborate Findings | Analysis, Scientific Validation & Draft Report | December 2025 |
| E) Report Release | Final Report Publication | January 2026 |

For further information or to express interest in participation or support, please contact:

Josep Ribas (Project Director): jribas@torres.es

Fran Estartus (Project Coordinator): fran.estartus@iwcawine.org