MAATI PLATFORM GUIDE

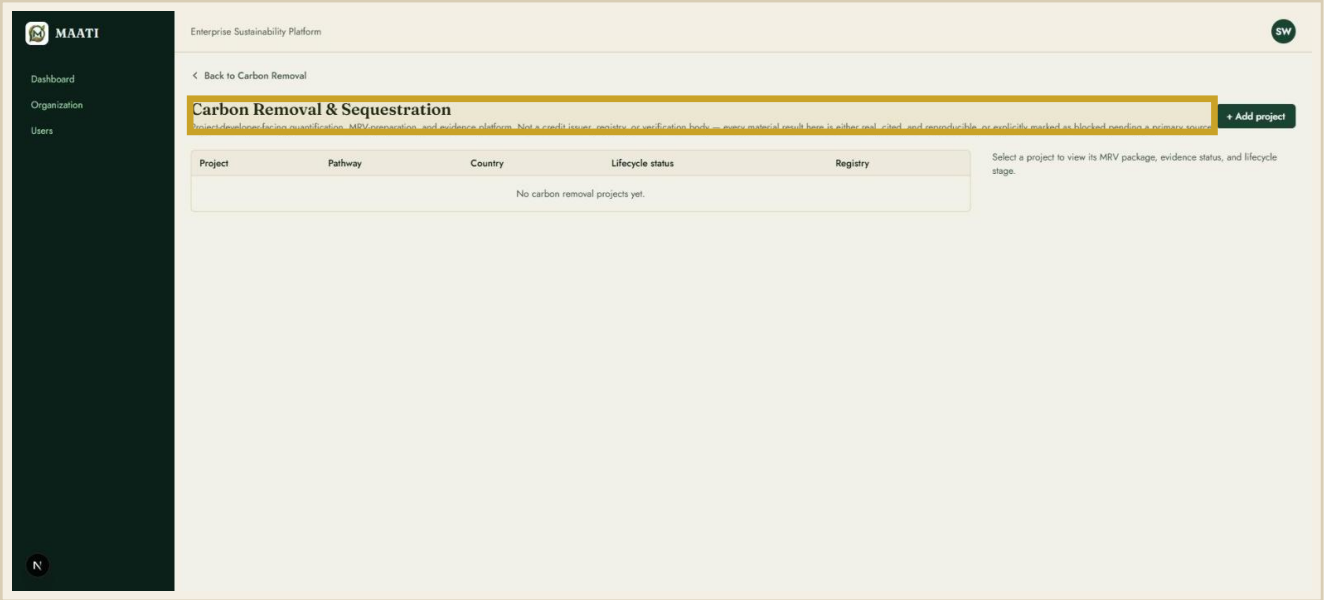
MAATI Carbon Removal & Sequestration

Project quantification and MRV-preparation workflow guide

A walkthrough of the Carbon Removal workflow in MAATI: create a project against a real, cited methodology, declare its carbon pools, record a production batch, calculate the result using the methodology's own published equations, and review the project's live MRV readiness and dashboard.

STEP 1

MAATI is honest about what this module is from the very first line: a project-developer quantification and MRV-preparation platform, not a credit issuer, registry, or verification body. Every result is real, cited, and reproducible — or explicitly marked as blocked pending a primary source.



FIELDS ON THIS SCREEN

Project list / Pathway / Country / Lifecycle status / Registry

STEP 2

Assign a real, cited methodology when creating a project. MAATI only offers methodology versions with a genuinely working calculator (here, Puro Biochar Edition 2025 v2) — not a placeholder claim.

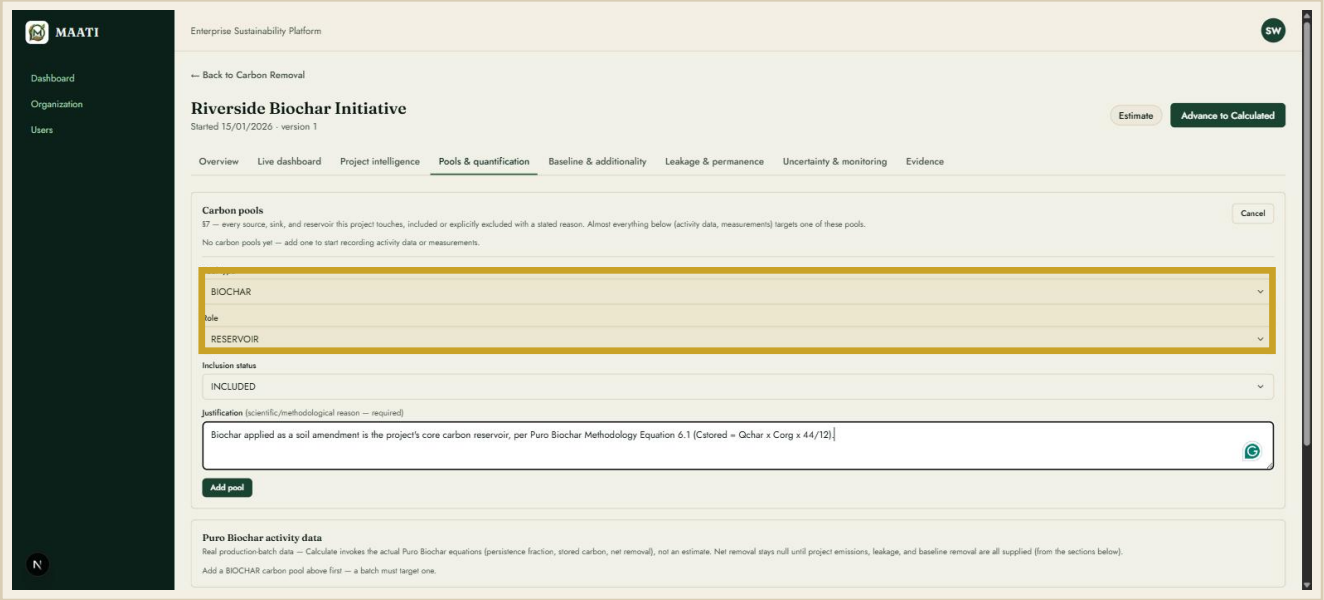


FIELDS ON THIS SCREEN

Project name / Removal pathway / Country / Start date / Methodology / Methodology version / Project developer

STEP 3

Declare every carbon pool the project touches — source, sink, or reservoir — with a required scientific justification for its inclusion. Almost all downstream activity data and measurements target one of these pools.

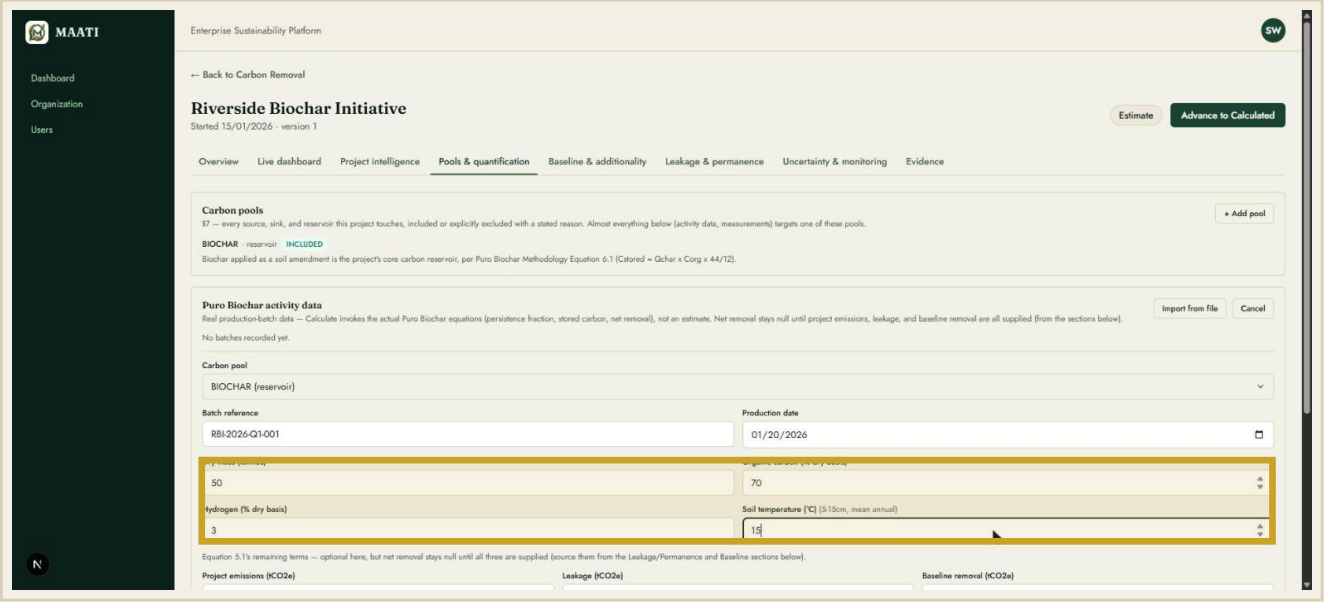


FIELDS ON THIS SCREEN

Pool type / Role / Inclusion status / Justification

STEP 4

Record a real production batch: dry mass, organic carbon %, hydrogen %, and soil temperature. These are the exact inputs the Puro Biochar equations need — nothing here is estimated.

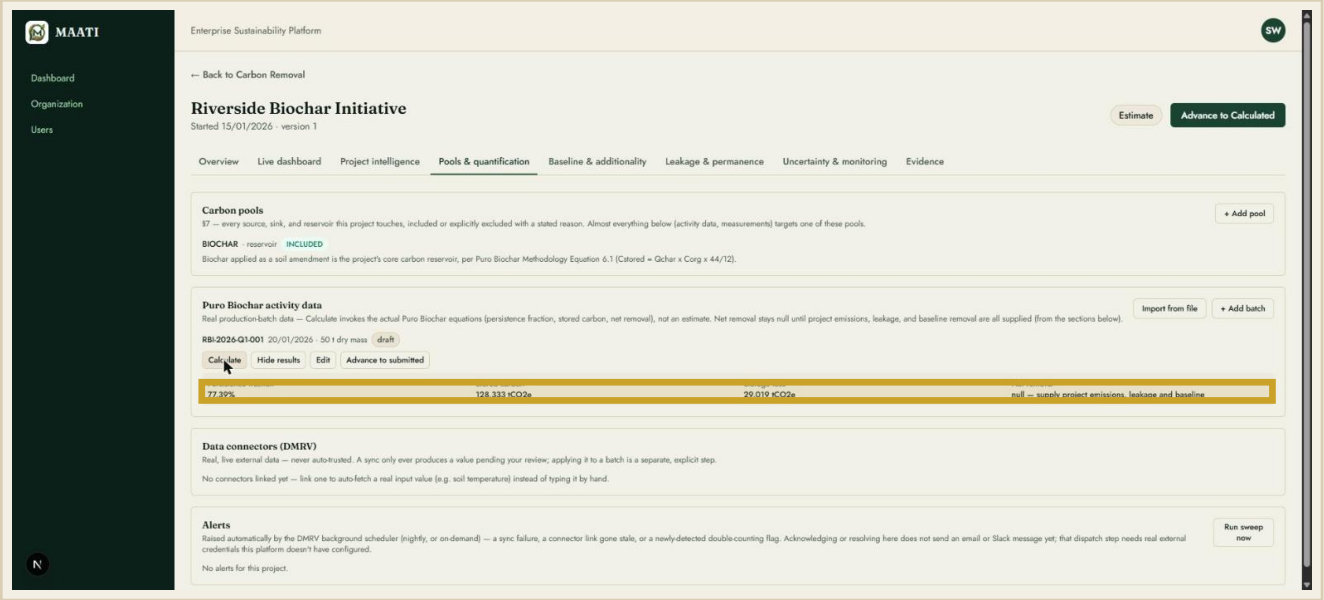


FIELDS ON THIS SCREEN

Batch reference / Production date / Dry mass / Organic carbon % / Hydrogen % / Soil temperature

STEP 5

Calculate invokes the actual Puro Biochar equations: persistence fraction (77.39%), stored carbon (128.333 tCO2e), storage loss (29.019 tCO2e). Net removal stays null, honestly, until project emissions, leakage and baseline removal are supplied.



FIELDS ON THIS SCREEN

Persistence fraction / Stored carbon / Storage loss / Net removal

STEP 6

The MRV package view assembles real-time status from every object on the project — never rounded up. Quantification now shows "calculated" because a real batch has a result, while Baseline, Additionality and Monitoring plan still honestly show "missing".

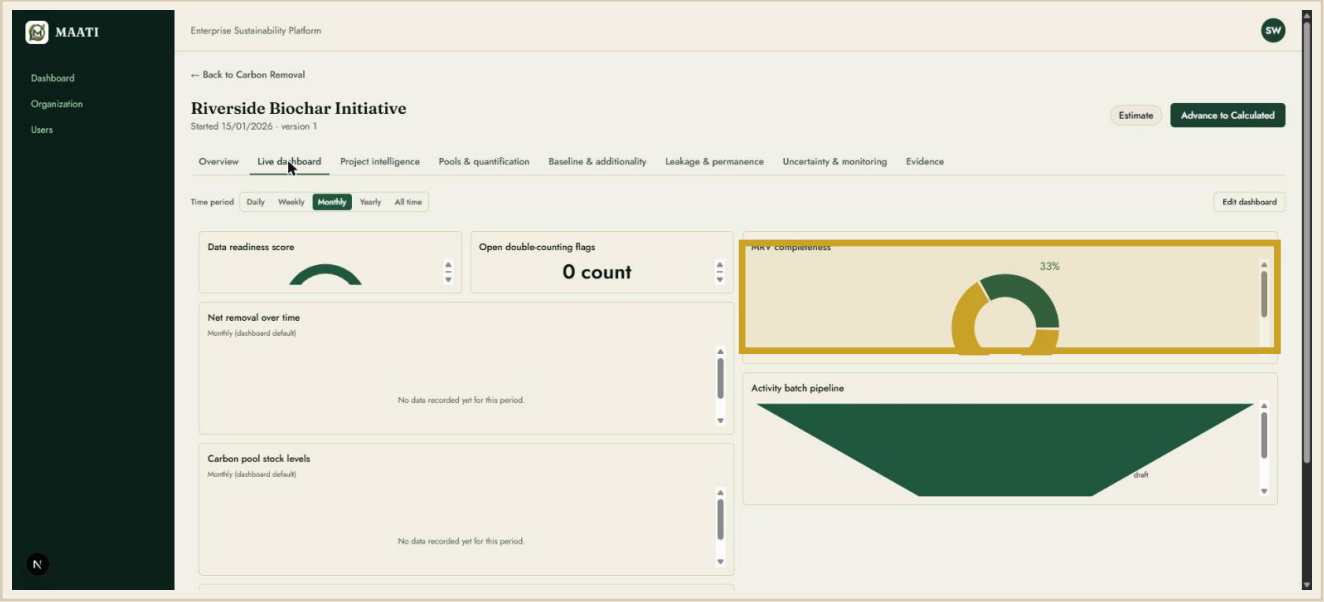


FIELDS ON THIS SCREEN

Baseline / Additionality / Methodology / Monitoring plan / Quantification / Leakage / Permanence & buffer / Uncertainty

STEP 7

The live dashboard assembles real widgets from the project's own data: MRV completeness, the activity batch pipeline funnel, data readiness score, and open double-counting flags — refetched live, never a static snapshot.



FIELDS ON THIS SCREEN

MRV completeness / Activity batch pipeline / Data readiness score / Open double-counting flags

Key parameters covered

Step 1
Project list, Pathway, Country, Lifecycle status, Registry

Step 2
Project name, Removal pathway, Country, Start date, Methodology, Methodology version, Project developer

Step 3
Pool type, Role, Inclusion status, Justification

Step 4
Batch reference, Production date, Dry mass, Organic carbon %, Hydrogen %, Soil temperature

Step 5
Persistence fraction, Stored carbon, Storage loss, Net removal

Step 6
Baseline, Additionality, Methodology, Monitoring plan, Quantification, Leakage, Permanence & buffer, Uncertainty

Step 7
MRV completeness, Activity batch pipeline, Data readiness score, Open double-counting flags