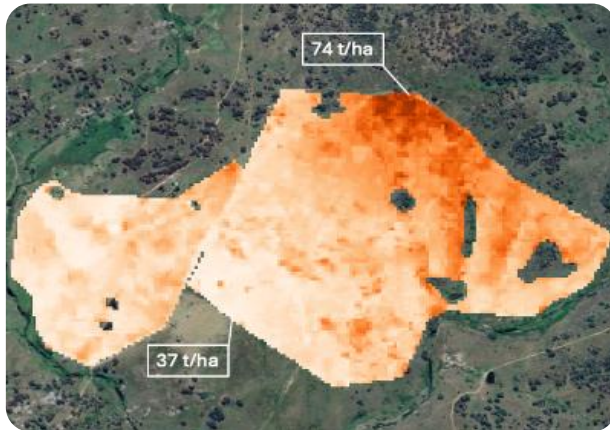


Soil Carbon Intelligence

Scalable, scientific Soil Organic Carbon (SOC) tracking that is cost-effective and verifiable. We combine remote sensing, biogeochemical modelling (BGCM) and strict verification methodologies for Verra compliance. Ideal for large-scale insetting projects, reporting options from pixel scale.



INSIGHTS

SOC and emissions over time, as well as predictions for management decisions.



COVERAGE

All geographic regions, from pixel to national or supply chain scale.



COMPLIANCE

Outputs aligned to Verra VMD0053 and VT0014 reporting standards.

Built for accuracy, priced for scale

- Fast, verifiable SOC estimation – get started with or without soil sampling or farm data, saving money and time.
- Highly cost-effective way of generating Verra-ready results for compliance reporting and high-value carbon credits.
- Scientifically calculated using an internationally accepted soil model, enhanced by inputs from satellite data.
- Prediction capability to help inform management decisions.



Assess impact of changes



Soil carbon insights



Compliant outcomes



Reduced cost



Scalable modelling

Start with a pilot, scale with confidence and unlock benefits with our scientific, Verra-ready technology, delivered by the Fusion Platform® for fast, hassle-free adoption.

INPUTS

- Area of interest (geospatial vector).
- (Optional) modelling parameters, crop rotations, applications and soil samples.
- Model period and forward prediction scenario.

OUTPUTS

- SOC and CO₂ emissions by month (CSV) for the modelling period.
- SOC and CO₂ emissions by month (CSV) for the forward prediction scenario.

CORE CAPABILITIES

- Biogeochemical modelling from pixel, field, farm to national scale.
- What-if scenarios for forward predictions.
- Verra-ready with rigorous mathematical validation.

OPTIONAL ADD-ONS

- Automatic crop rotation analysis.
- SOC maps at 10m resolution.
- System integrations (AWS S3, Google Cloud Storage, email, etc.)