

Soil Carbon

Outback Carbon/MEPAU

September 2021



Carbon Credits (Carbon Farming Initiative - Measurement of Soil Carbon Sequestration in Agricultural Systems) Methodology Determination 2018.

<http://cleanenergyregulator.gov.au/DocumentAssets/Pages/Understanding-your-soil-carbon-project---Simple-method-guide.aspx>

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Carbon Credits (Carbon Farming Initiative – Estimation of Soil Organic Carbon Sequestration using Measurement and Models) Methodology Determination 2021

<https://consult.industry.gov.au/soil-carbon-method-proposed-new-method>

Eligible Activities (2018)

- ▶ Applying nutrients to the land to address a material deficiency;
- ▶ Applying lime to remediate acid soils
- ▶ Applying gypsum to remediate sodic or magnesian soils;
- ▶ Undertaking new irrigation sourced through efficiency savings from improvements to on-farm infrastructure or the efficiency of water management practices;
- ▶ Re-establishing or rejuvenating a pasture by seeding – such as increasing ground cover, increasing diversity of species or pasture cropping;
- ▶ Establishing, and permanently maintaining, a pasture where there was previously no pasture, such as on cropland or bare fallow;
- ▶ Altering the stocking rate, duration, or intensity of grazing;
- ▶ Retaining stubble after a crop is harvested;
- ▶ Converting from intensive tillage practices to reduced or no tillage practices;
- ▶ Modifying landscape or landform features to remediate land, for example through water ponding; and
- ▶ Using mechanical means to add or redistribute soil through the soil profile, such as clay spreading or clay delving.

Key Proposed Changes (2021):

01

New 2021 methodology in development has key aims to:

- Reduce sampling costs
- Broaden eligible activities
- Correct calculation errors

03

Expanded Eligible Activities to:

- Include pasture cropping
- Use legumes in pasture cropping or pasture systems
- Use cover crops
- Remove restriction of forest cover

02

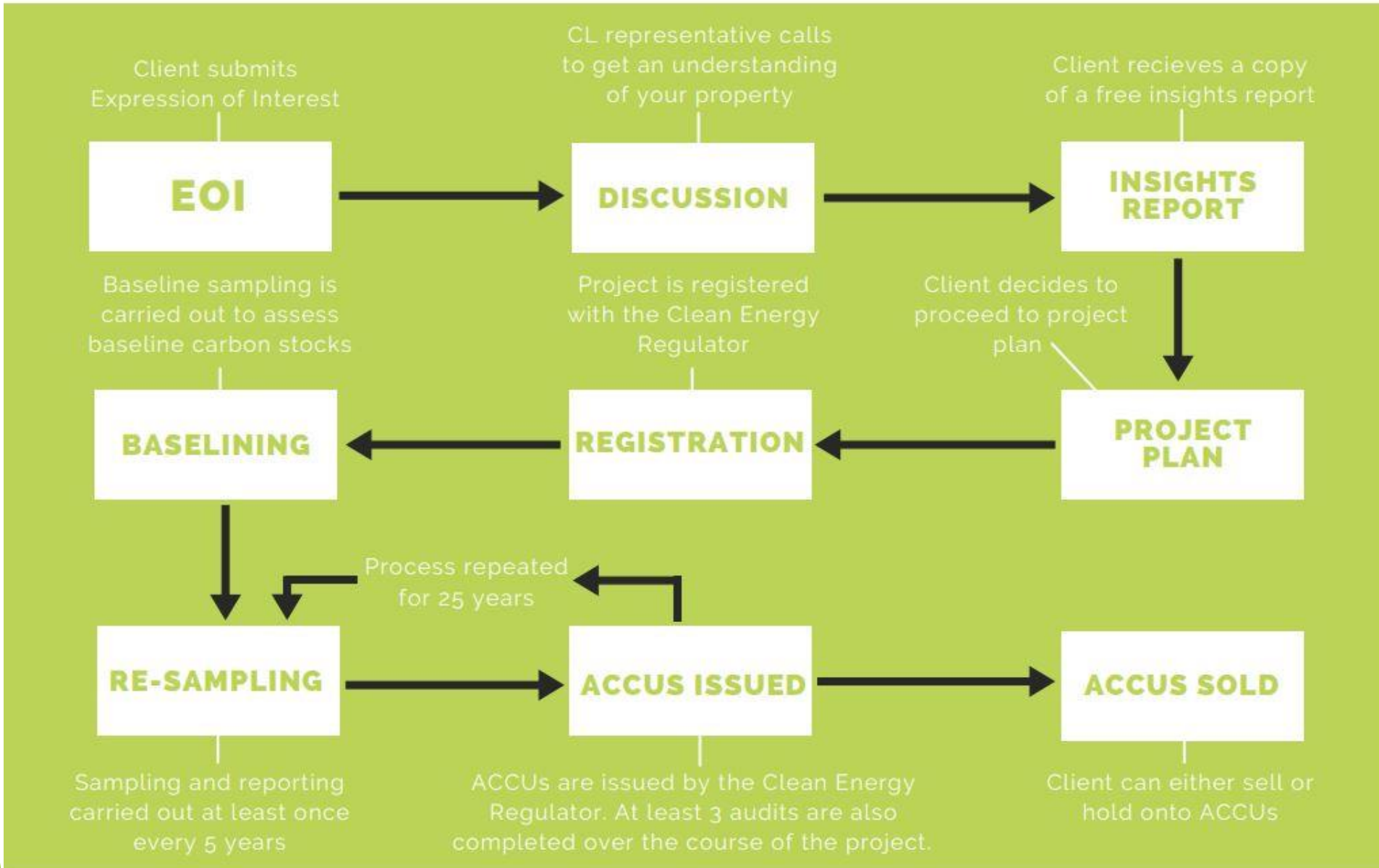
Allows the use of a model to calculate abatement for subsequent reporting periods.

The model does not eliminate sampling for any reporting period, only reduces the number of CEAs which must be sampled each reporting period.

04

Mapping changes will allow roads to be in CEAs (soil carbon only)

THE CARBON LINK PROJECT LIFECYCLE





Thank You!

Questions and Discussion

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