EXPLAINER

SecondCrop™ by loam

Consider a new commodity to your farm balance sheet

Capture the carbon value

Every season, your crop is doing more than producing grain. As plants grow, they send carbon below ground through their roots. Some of that carbon cycles quickly while some can become more stable and stay in the soil for the long-term .
That stable soil carbon can help improve soil function, support plant-available water, and contribute to a more resilient farming system.

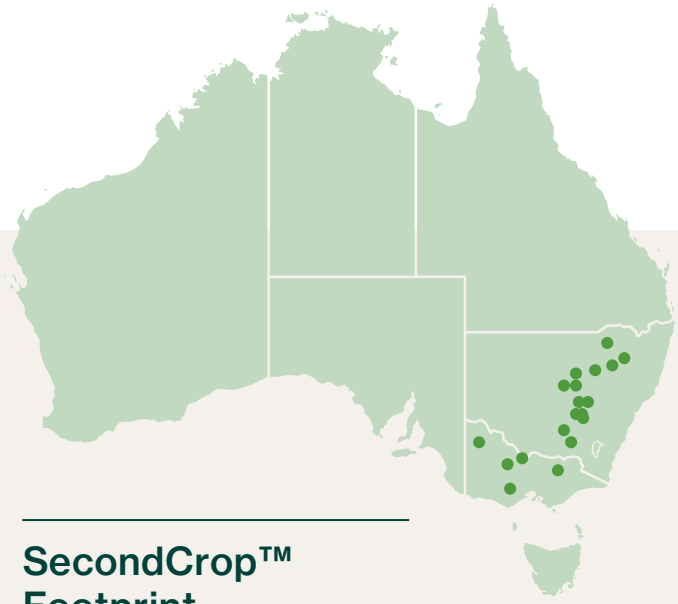
With **CarbonBuilder™**, grain growers can build more stable soil carbon within their cropping and pasture rotations they already run.

SecondCrop™ is the pathway to turn that stored soil carbon into long-term value. It helps eligible growers measure, verify and register the soil carbon they build through a soil carbon project, creating the potential to generate Australian Carbon Credit Units (ACCUs). These credits can become a new commodity for the farm business, with increasing demand from large emitters looking for credible Australian offsets.

CarbonBuilder™ is the tool to help build and stabilise soil carbon.

SecondCrop™ is the way to harvest the value of that carbon crop.

Together, they give growers a practical pathway to build soil carbon, improve the value of their farming system, and create a potential new income stream from the carbon already being grown below ground. This is not about replacing your farming system. It is about adding another layer of value to the system you already run.



SecondCrop™ Footprint

- **Grow a SecondCrop™ under your normal crop**
- **Benefit from the productivity upside**
- **Reduce risk & improve farm resilience**

A crop above ground

A SecondCrop™ below

SecondCrop™ project details

What's included?

1. Project assessment and Clean Energy Regulator (CER) onboarding compliance
2. Extensive soil mapping of the project area
3. Land Management Strategy for the CER
4. Submission of project registration to the CER
5. Baseline soil sampling and lab analysis
6. Loam provides a FurrowMate® air injection unit for your air seeder (RRP $19,990 ex GST)
7. Ongoing carbon agronomy support
8. Regular project reports - for advisors
9. Loam Submits all required compliance information to the CER throughout the project
10. All third party project audits (a compliance requirement from the CER)
11. Loam handles all inquiries from the regulator, so you can focus on your farm business
12. Ongoing soil sampling and lab analysis for the term of the project
13. Your share, 70% of the Australian Carbon Credit Units (ACCUs) issued for the project
14. Loam can support the sale of your ACCUs if you require

What are my costs?

1. SecondCrop Program Plan

$7,000 Program establishment fee + Ongoing management fee - based on size and complexity, (typically $10/ha). Talk to the team for more info.

2. CarbonBuilder™

$25/ha (ex GST) for either the seed treatment or FurrowMate® formulations which are available from selected selected agricultural retail partners.

3. FurrowMate® installation

DIY - Install the FurrowMate® unit for you (we can recommend installers if required).

4. Commitment in a SecondCrop™ project

Growers and Loam agree to work together for the life of the project with a 5 + 5yr evergreen Grower Agreement (contract).

5. Independent advice

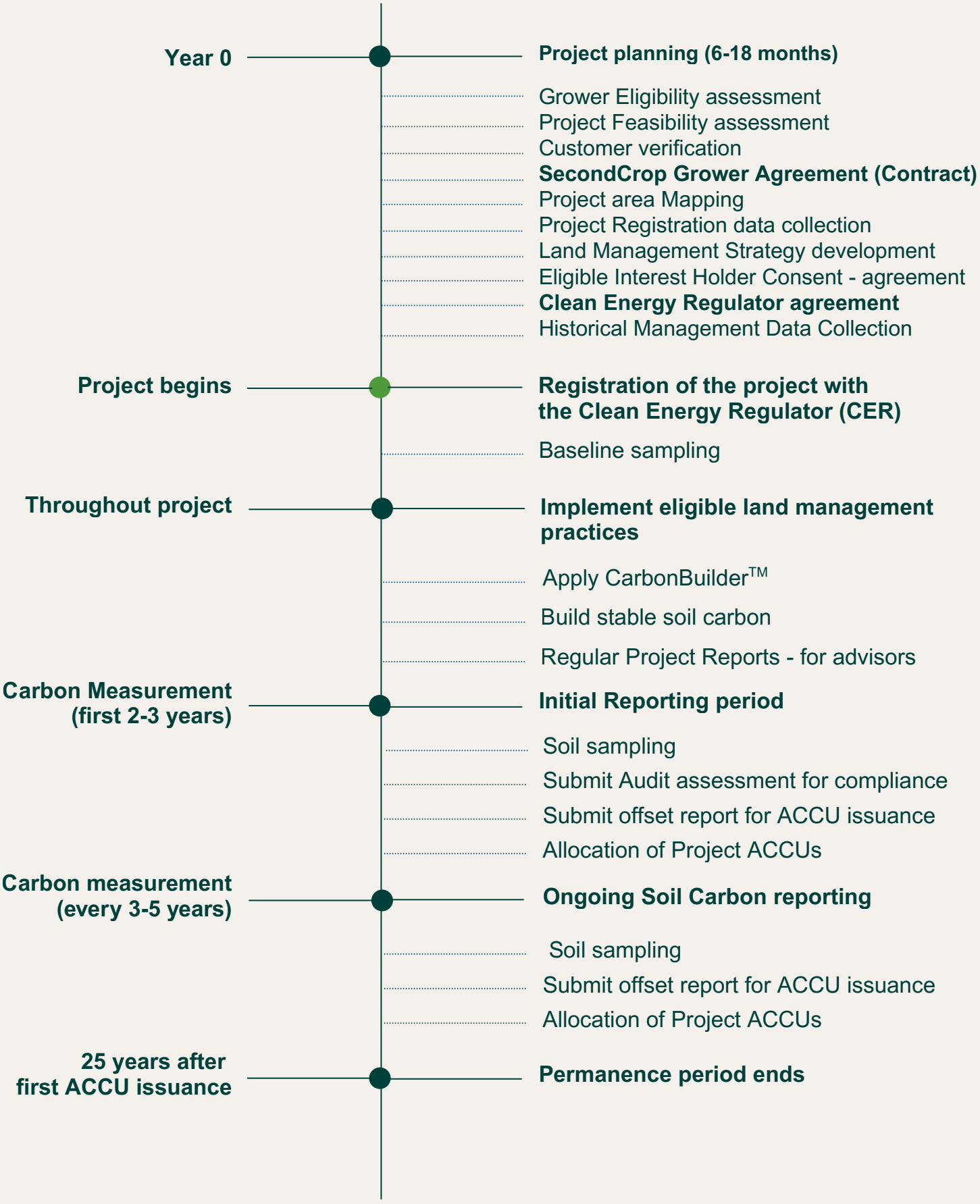
Independent advice from your accountant, solicitor and farm advisor.

- SecondCrop™ helps eligible growers participate in the Australian carbon market by supporting the process of registering, managing, measuring and reporting a soil carbon project.
- A SecondCrop™ project is built around a simple question: Can your farm build more stable soil carbon and turn that increase into verified carbon credits?
- If the answer is yes, SecondCrop™ provides the structure to help make that happen.

- Soil carbon projects can be complex.
- SecondCrop™ is designed to simplify that process for growers.
- Loam helps with the technical, agronomic and administrative work involved in running the project, so growers can stay focused on farming.
- SecondCrop™ is the project pathway, it helps eligible growers measure carbon benefits and where successful, generate ACCUs.

Carbon farming project timeline

SecondCrop™ by loam



Frequently asked questions

Is my farm suitable for building carbon?

- Rainfall, soil type, crop mix and management practices all influence soil carbon build
- Our research data indicate carbon builds across a range of different farms
- If you can grow viable crops, you should be able to build soil carbon
- Loam conducts a thorough feasibility assessment of your farm based on the information you provide
- Contact Loam for details on what information is required to complete a feasibility assessment

What do I need to do?

- Continue normal farming operations
- Implement at least one new management practice - called 'additionality' (e.g. apply CarbonBuilder™ at sowing)
- Timely communication with Loam for project registration and ongoing reports.
- Loam works to streamline this process.

Can I exit the Program?

- Yes. There are termination clauses, but nothing to onerous. Best to discuss with a Loam representative.

What sort of returns can I expect?

- Applying CarbonBuilder™ can benefit your bottom line by boosting grain yield, increasing the infiltration and plant available water as well as banking more nitrogen in the soil for following seasons
- A SecondCrop™ project rewards you for increases in soil carbon
- Like grain production, carbon outcomes vary due to seasonal factors
- Data from small plot trials and large scale field trials provide a range of 2 - 5 tonnes per hectare of carbon dioxide equivalents (CO_2e). Each tonne of $C0_2e$ stored is equal to one ACCU
- Case Study: The Nicholson Carbon Project (SecondCrop™ grower) from Garema in central NSW, successfully generated 4,867 tradable ACCU across 881 hectares. READ MORE.
- Contact the Loam team for insights relevant to your farm

Contact our team

The next step: a conversation with Loam

Carbon credits are still an emerging commodity. Growers who move early may be better placed to understand the opportunity, prepare their systems, build project history and capture future demand for credible ACCUs. The first step is a conversation. Loam can help assess whether your farm may be suitable for a SecondCrop™ project, what information is needed, what management practices may be required and what the opportunity could look like for your business. You already grow a crop above ground. SecondCrop™ is about helping you understand whether you can grow another one below it.

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Disclaimer

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