

Milestone report

SB/G GAF - Carbon Calculator - Milestone 5

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Abstract

SB/G GAF Carbon Calculator project is an initiative created by Meat & Livestock Australia (MLA) to allow beef, sheep or crops producers to estimate their property carbon emissions.

The aim of this project is to convert SB-GAF and G-GAF excel spreadsheets that are tools developed by Richard Eckard from the University of Melbourne and methodologically based on the National Inventory Report. MLA intends to them offer a free web version of these tools as part of their tools and calculator inventory.

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1. Milestone description

SB/G GAF Carbon Calculator project is an initiative created by MLA to allow beef, sheep or crops producers to estimate their property carbon emissions. The aim of this project is to convert SB-GAF and G-GAF excel spreadsheets that are tools developed by Richard Eckard from the University of Melbourne and methodologically based on the National Inventory Report. MLA will offer a free web version of these tools as part of their tools and calculator inventory.

Milestone 5 was focused on finalising the project, a new version of the original GAF excel spreadsheet as lead MLA & Servian to establish a work extension that should start as soon as possible to ensure the team is able to update the tool to match the methodology update.

2. Milestone objectives

The main objectives of the milestone were to produce a final report and documentation accessible inside the confluence page.

3. Methodology

- Servian has deployed the application and provided MLA documentation to update and maintain the project.

4. Results (to-date)

The Carbon calculator is now publicly accessible (see page 8 for screen shot):
<https://carbon-calculator.mla.com.au/>

5. Success in meeting the milestone

All the milestone objectives have been completed.

6. Overall progress of the project

The overall project is completed with an adoption and extension phase planned to update the methodology to the latest version of the excel spreadsheet.

8. Appendix Sprint review & Confluence page

Link to the project confluence:

<https://meatandlivestockaustralia.atlassian.net/wiki/spaces/GTW/overview?homepageId=2664431790>

Agenda

1. Sprint Review
 - a. Launch
 - b. Remaining work
 - c. Planned extension
2. General Business

Sprint Review

8

Project Summary

- Launch
- Remaining work
- Planned extension for SB 2.1 / G 10.8

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Agenda

1. Sprint Review
 - a. Launch
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 - c. Planned extension
2. General Business

Launch



Carbon calculator accessible:

- carbon-calculator.mla.com.au

Last updates:

- Monthly Inputs
- Crop inputs
- Management Strategy (in test)
- Resources pages (in test)
- Bugs correction



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Agenda

1. Sprint Review
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 - c. Planned extension
2. General Business

Remaining work

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- Anonymous login
- Admin page & documentation
- Market choice for Sale inventory
 - (Change in SB version 2.1)
- Wool carbon ingestion under nitrous_oxide_urine_dung_sheep

MLA

- How to recording
- Resources page content
- Google Analytics

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Agenda

1. Sprint Review
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2. General Business

Planned extension

Contract extension to come:

- SB version 2.1
- G version 10.8



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Agenda

1. Sprint Review

- a. Launch
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- c. Planned extension

2. General Business

General Business

- Mitch away for a week from Friday 7th to 17th
- Extension contract for SB 2.1 & G 10.8
- Transition to EnvCred

My Carbon Calculations


Consult, edit or create carbon calculations.

+ Start a new Carbon Calculation

⚠ You have selected to open the calculator as an **Anonymous** user, your calculations will not be saved after completion. To save your calculations log in with your myMLA account.

PROPERTY NAME	VERSION	YEAR	BEEF	FEEDLOT	SHEEP	GOAT	CROP	ENTERPRISE TOTAL	ACTIONS
Rows per page: 5 1-0 of 0									

How to use



The carbon calculator how to use video is designed to help you as you work your way through completing an emissions estimate. Before you begin watching the video and completing the calculator it's important to have on hand all the data you will need to complete the calculation. This will make your learning quicker and easier.

Carbon calculator v1.3

Release date: 15/01/2024

- Sheep & Beef GHG Accounting Framework v2.3
- Grains GHG Accounting Framework v10.9
- Goat GHG Accounting Framework v1.25
- Feedlot GHG Accounting Framework v3.9


Software release note

Latest software release: 15/01/2024

- 👤 **Combine result**
 On the result page click "combine" to sum up with result of other calculations. You will only be able to select calculations from the same year range.
- ⚙️ **Goat & Feedlot**
 You can now use MLA Carbon Calculator to compute Goat & Feedlot GHG emission, you will need to upgrade your existing calculation to enable this new feature.
- 📌 **Upgrade feature**
 Click the upgrade icon to update an existing calculation to the latest methodology release. New modules will be setup with default value, please check the validity of your data input after migration.

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🔗 carbon-calculator.mla.com.au/dashboard/calculations