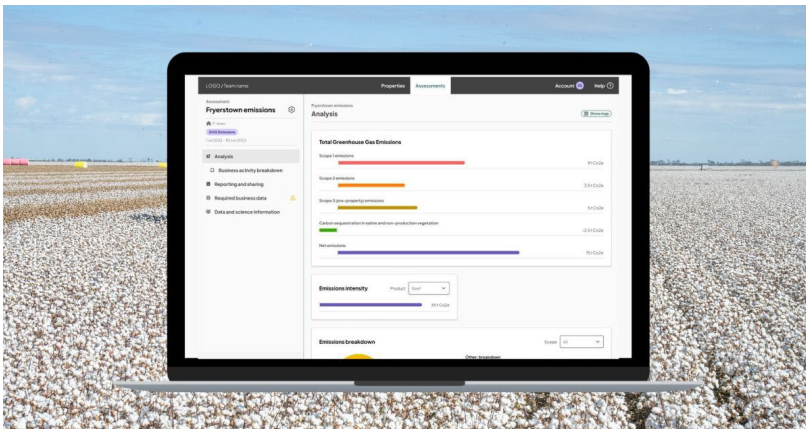


ENVIRONMENTAL ACCOUNTING PLATFORM

AIA is developing a definitive environmental accounting platform for Australian agriculture, fisheries and forestry, with the first stage underway to deliver a cross-sectoral carbon footprint solution.



"I'm particularly impressed with the flexible design of AIA's platform architecture, which will be able to evolve with improvements, updates and revisions to the calculators as well as their underlying reference data and algorithms."

**Professor
Richard Eckard**

Greenhouse accounting expert and developer of the GAF tools

A definitive carbon footprint engine

The platform enables farmers, fishers and foresters to calculate their enterprise's carbon footprint across multiple commodities, as well as use scenario planning to support decision-making around reducing emissions and capturing new opportunities.

As a not-for-profit, AIA has taken a pre-competitive approach, providing a common platform that supports a consistent, standardised implementation of calculation models and integration with channels growers already use and trust, like farm management software, agricultural service and agri-finance providers.

This whole of agriculture, fisheries and forestry approach is designed to help Australia avoid the fragmentation, duplication and inconsistencies seen in other markets that have a proliferation of carbon calculators.

Key features

✓ Sector-wide solution that supports multiple commodities	✓ GAF calculators align with NGGI, relevant ISO standards and the GHG protocol
✓ Provides a whole-of-enterprise carbon footprint	✓ Data privacy and security at the core of the design - growers retain control of their data
✓ Widely accessible via multiple channels with secure integration via API	✓ Technical Advisory Panel with Prof Richard Eckard supports maintenance and updates
✓ Extensible design to enable addition of new calculators + other accounting frameworks	✓ Strong governance managed by AIA as a not-for-profit on behalf of industry
✓ Consistent, standardised implementation of carbon footprint calculation models	✓ Auditable, with whole portfolio and individual farm views

The platform is being developed with investment from some of Australia's rural Research and Development Corporations, including Grains Research and Development Corporation, Meat & Livestock Australia, Australian Eggs, Australian Pork Limited, AgriFutures Australia, Australian Meat Processor Corporation and Cotton Rural Research and Development Corporation.

Current initiatives

Common Approach to GHG Accounting

AIA and CSIRO have developed a common framework for GHG accounting for Australian agriculture, which supports sector-level baselines, reporting and communication of a united narrative around emissions.

It provides best practice guidance for sector-level accounting and can be used to steer improvements in data collection and reporting over time.

Agri-Climate Outlooks

Growers can better understand and manage short-term climate risks as well as build long-term resilience, thanks to this \$19 million investment through AIA.

This initiative enhances seasonal outlook information and provides relevant, interpretable products and services to support better decision making and greater resilience.

Environmental Accounting Platform

Provides agriculture, fisheries and forestry with a definitive carbon accounting engine, capable of producing carbon footprint estimations across multiple commodities.

The platform is pre-competitive, integrating with existing farm management and other software solutions for ease of use.

Climate Atlas

Climate change poses a significant threat to agricultural businesses and communities.

AIA's Climate Atlas will support strategic economic, infrastructure and planning decisions and help ensure we have resilient supply chains into the future.

It could help industry, governments, communities, and investors identify climate-exposed inputs, risks and opportunities over a 20-50-year horizon.

Regenerative Agriculture

In collaboration with SAI Platform Australia, AIA is exploring regenerative agriculture and the potential opportunities for cross-sectoral investment.

We have undertaken a state of play report, designed to be a first step towards understanding the opportunities for cross-sectoral investment in this area over the next 5 - 10 years.



AGRICULTURAL
INNOVATION
AUSTRALIA

Agricultural Innovation Australia Ltd (AIA) is an independent not-for-profit company established to facilitate joint investment and collaboration in the big, cross-sectoral agricultural opportunities and challenges.

Our founding members are Australia's Rural Research & Development Corporations.

aginnovationaustralia.com.au