

Verified GHG Reporting for Agriculture

CASE STUDY





Viridis Ag sought independent verification of its annual GHG emissions data to give customers confidence that on-farm emissions are being measured, reported and verified in accordance with the GHG Protocol Corporate Standard.

ABOUT VIRIDIS AG

Viridis Ag owns and operates a portfolio of over 100,000 hectares of dryland broadacre cropping land, diversified across New South Wales, South Australia and Western Australia. Viridis seeks to maximise value for its shareholders by combining great people, data and capital to safely deliver sustainable financial performance and environmental outcomes.

The approach

SGS engaged early to define the verification scope and set clear expectations for what a reliable outcome would require. A pre-audit gap assessment gave the Viridis Ag team confidence that their GHG

inventory and supporting evidence were in good shape before formal verification began.

Once data and documentation were submitted, SGS moved quickly. Formal review completed within a couple of weeks of receiving the data, with the verification statement issued six weeks after initial submission.

The engagement was aligned with the GHG Protocol Corporate Standard, Value Chain Standard and Agricultural Guidance, with assurance conducted in accordance with ISO 14064-3 at a limited assurance level.

The challenge

Primary agricultural production systems are a significant source of greenhouse gas emissions, making credible measurement important for all participants in the supply chain. For Viridis Ag, this created a need for reporting that could provide a clear and objective view of emissions over time.

The challenge was to measure, report and verify emissions data at scale across multiple farming operations that connects farm operations and production outcomes with the protocol. At the same time reporting needed to align with

internationally recognised GHG standards and be presented in a way that was clear, consistent and robust, complimenting Viridis Ag's audited financial statements.

External customer expectations added further importance to the process. Global grain buyers and supply chain partners are increasingly seeking verified emissions data to calculate the embedded emissions in various grains and oilseed commodities accurately, creating greater demand for independently verified information that can withstand scrutiny and support confidence in reported outcomes.

Global grain buyers and supply chain partners are increasingly prioritising verified GHG emissions data.

The outcomes

The engagement delivered practical reporting improvements as well as stronger internal capability for future verification cycles.

- Built internal understanding of standards such as the GHG Protocol and broader best practice reporting requirements.
- Improved the presentation of information in a clear, easy-to-understand format aligned with international best practice.
- Strengthened GHG emissions measurement processes, data quality and internal data management.
- Supported more structured emissions accounting processes for more consistent reporting in future years.
- Upskilled internal teams on GHG emissions measurement and reporting best practice.
- Generated internal time and cost efficiency by simplifying how data was presented.

- Contributed to a process that has become easier in each subsequent year.

How SGS can support

For organisations looking to strengthen the credibility of their GHG reporting, SGS can support each stage of the process through independent verification, early scope clarification and pre-audit gap assessment. Drawing on experience in agricultural verification, SGS also helps organisations align reporting with recognised frameworks such as the GHG Protocol and ISO 14064-3, while supporting clearer presentation of data, stronger emissions accounting processes and more consistent reporting over time.

Looking for sustainability solutions?

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