Environmental Management Solutions - Greenhouse Gas Management

Alberfield has been helping organisations meet the challenge of greenhouse gas management since the year 2000. Our focus is on identifying your key concerns and working with you to address your concerns cost effectively.

What is Greenhouse Gas Management?

Greenhouse gas management is focussed on:

1. Reducing atmospheric emissions; and
2. Offsetting emissions that cannot be avoided.

Alberfield refers to the following international standards for greenhouse gas management: -

ISO14064-1: 2006 – Greenhouse Gasses Part 1:

Organisational quantification and reporting of greenhouse gas emissions and removal

ISO 14064-2: 2006 – Greenhouse Gasses Part 2:

Project quantification, monitoring and reporting of greenhouse gas reductions or removal enhancements

ISO 14064-3: 2006 – Greenhouse Gasses Part 3:

Validation and verification of greenhouse gas assertions

How Can We Help?

Alberfield provides a range of services pertaining to greenhouse gas management. Some of these services include: -

EnvGHG1 - Greenhouse Gas Management Systems

Design and implementation

EnvGHG2 - Greenhouse Gas Management Audits

Auditing of greenhouse gas management systems in order to identify non-conformances, inefficiencies and improvement opportunities

EnvGHG3 - Carbon Footprint Management

Reduce your Carbon Footprint

EnvGHG4 - Carbon Sink Assessments

Quantifying the storage potential of carbon sinks

NGERS and EEO Assessments

Please refer to our Energy capability statements for information on EEO and NGERs compliance

Standards:

- EnvGHG1: ISO14064-1: 2006 – Greenhouse Gasses Part 1
- EnvGHG2: ISO 14064-3: 2006 – Greenhouse Gasses Part 3

  AS / NZS ISO 19011:2003 Guidelines for Quality and / or Environmental Management Systems Auditing
- EnvGHG3/4: ISO 14064-2: 2006 – Greenhouse Gasses Part 2

Alberfield ENVIRONMENT Solutions that work

Your requirement not on the list? Contact us to find out how we can help with your individual needs **www.alberfield.com.au**

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ENVIRONMENT

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Greenhouse Gas Emissions Management Delivery Process – A Few Examples

EnvGHG1
Greenhouse Gas Management Systems

EnvGHG3/4
Carbon Footprint / Sink Assessments

EnvGHG2
Greenhouse Gas Management Audits

Kick-off Meeting
Finalise schedule; re-confirm key objectives, nominate site visits (if required); identify key personnel and confirm communication channels; make arrangements for information exchange; circulate MoM

EnvGHG1

Information review
Review client information; formulate activity description and identify key greenhouse gas aspects

Site visit(s)
Attend site; inspect and identify key issues / opportunities; liaise with site personnel (if site operational)

Greenhouse Gas Emissions and Sinks Assessment
(Refer to EnvGHG3/4)
(may or may not be required)

Document GHGMP
Document GHGMP according to State / industry specific requirements. Typically includes: description of activities and environment, issues/ opportunities ID and management); objectives, standards and measurement criteria; implementation strategy & management systems, ID of reporting and consultation requirements.

Document Review and Updates
GHGMP reviews and updates. For regulatory review this may involve preparation of itemised response to comments

Preparation of Public Information
This step involves preparation of GHGMP summaries or versions excluding commercially sensitive information for public information (if required)

Implementation
If required Alberfield can assist with GHGMP implementation

EnvGHG3/4

Develop Assessment Plan
Develop a plan that defines: scope, objectives and criteria (high level), assessment team roles and responsibilities, resource requirements, logistical arrangements and itinerary

Conduct Assessment
Attend site and conduct assessment/s, may also include remote review of documents; collect relevant data, (energy, water, waste etc.); liaise with site personnel as needed (if site operational)

Site Assessment close out meeting
Upon completion of site assessment conduct meeting with assessment team to discuss findings. All issues and opportunities identified should be raised and the team allowed to respond. Goal is for no surprises in final assessment report.

Assessment Report
Assessment report documented which includes: reiteration of scope and objectives, description of assessment as undertaken, details as to collection and verification of information, completed, summary of findings and recommendations

Review, update & Final report submission
Client review and comment / response to assessment findings. Report update, finalisation and resubmission of final version

EnvGHG2

Develop Audit Plan
Develop an audit plan which defines: audit scope, objectives and criteria (high level), audit team roles and responsibilities, resource requirements, logistical arrangements and audit itinerary

Develop Audit Tool
Develop a checklist in tabular form which specifies individual audit criteria, evidence guide, responsible personnel and provides space for documentation of evidence cited, notes and assessment of compliance

Review and Update
Client review, comment and acceptance of audit plan and checklist. Issue of audit plan and checklist to audit team

Conduct Audit
Attend site and conduct audit, may also include remote auditing of documents

Audit close out meeting
Upon audit completion conduct meeting with audit team to discuss findings. All non-conformances identified should be raised and audit team allowed to respond. Goal is for no surprises in final audit report.

Audit Report
Audit report documented which includes: reiteration of audit scope and objectives, description of audit as undertaken, details as to collection and verification of information, completed version of the audit checklist, summary of audit findings and recommendations for corrective actions

Review, update & Final report submission
Client review and comment / response to audit findings. Report update, finalisation and resubmission of final version