

Company Background – Overall Service Capabilities

SLR Heggies is a progressive firm of consulting engineers and scientists providing services in specialist engineering and environmental fields. Our consultants apply advanced technologies and innovation to manage risks, optimise opportunities and enhance the cost effectiveness of project solutions.

Guidance is provided from planning and design through to compliance assessment and the ongoing operational stages of transportation, architectural, construction, industrial, minerals extraction and infrastructure development projects.

Company Expertise in Greenhouse Accounting & Climate Risk

SLR Heggies' team of qualified, experienced & independent greenhouse consultants and verifiers offer the following specialist services:

Guidance on Legal Requirements regarding GHG Emissions

- Guidance on current national and state requirements including the recently promulgated National Greenhouse & Energy Reporting Act 2007 and regulations supporting the NSW Greenhouse Gas Reduction Scheme (GGAS).
- Advise on impending and proposed requirements, such as the Australian Emission Trading System (AETS) and proposed introduction of Early Abatement Incentives and recognition of credible offsets.

Transparent, Traceable & Compliant GHG Accounting

GHG Assessments are undertaken for all industry sectors including quantification of sources and sinks, and direct and indirect emissions.

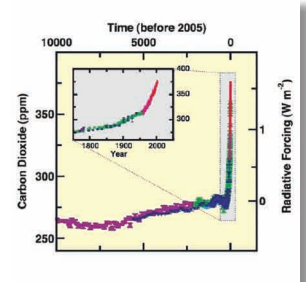
- In quantifying, reporting and verifying GHG emissions and removals, SLR Heggies applies the most suitable local and international protocols, such as:
 - Australian Greenhouse Office (AGO) Factors & Methods
 - Australian Standard AS ISO 14064 (2006)
 - Greenhouse Friendly™ Methodologies and Guidelines
 - Clean Development Mechanism (CDM) Approved Methodologies
 - IPCC Guidelines for Preparation of National Inventories (2006)

This ensures that GHG assessments are transparent, traceable, repeatable and compliant.

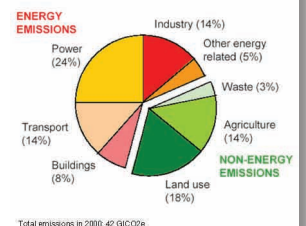
- Reporting & abatement verification are supported for various schemes including National Greenhouse & Energy Reporting System (NGERS), NSW GGAS and Greenhouse Friendly™.

Carbon Audits

Carbon Audits are undertaken in an informed and responsible manner to meet the Compliance Monitoring & Assurance requirements of both mandatory and voluntary scheme requirements.



Carbon Dioxide Increase
(Source: IPCC, 2007)



Global GHG Emissions in 2000
(Source: Stern, 2006)



Coal – bed Methane As A
Greenhouse Gas Emission



Power Generation
– A Major Contributor



Agricultural Sources & Sinks
– An Active Field of Research

Greenhouse Gas Abatement & Carbon Trading

- Design of tailored and cost-optimised GHG Abatement Strategies. Key strengths which support our approach include:
 - Knowledge of Best Management Practices for various sectors
 - Harmonisation of GHG & criteria pollutant mitigation
 - Lifecycle approach to services, products and projects
 - Energy Efficiency & ESD focus
- Guidance on local and international opportunities for carbon offsetting, carbon trading and carbon neutrality achievement.



Renewable Energies (Solar)

Climate Change Risk Assessment

Climate change presents significant risk to people and organisations. SLR Heggies assists organisations to understand risks and consequences for their customers, clients and stakeholders. Reference is made to recently published climate and associated environmental change projections by reputable organisations such as IPCC and CSIRO.

SLR Heggies' working relationship with leading legal and corporate accountability firms allow for the analysis of risks and opportunities related to biophysical changes in climate, energy price fluctuations, regulatory changes, litigation, reputation and competitive advantage.

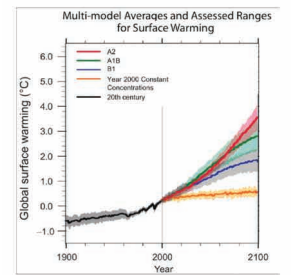


Renewable Energies (Wind)

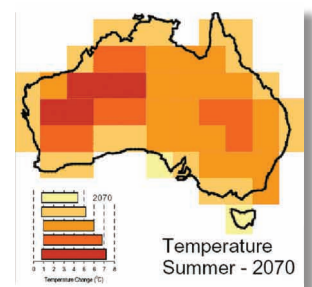
SLR Heggies Experience List

SLR Heggies has completed many GHG Assessments examining Scopes 1 to 3 (direct and indirect) GHG emissions. Examples of Projects undertaken by SLR Heggies include:

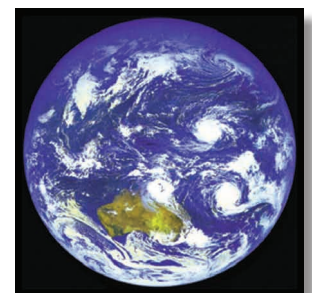
- **Power Generation** - Wilga Park Power Station, Eastern Star Gas Utilisation Project
- **Coal Mining & Processing** - BHP Billiton Illawara Coal West Cliff Surface Gas Drainage Project, Narrabri Coal Mine Full Lifecycle Assessment, Belmont Coal Mine, East Boggabri Coal Mine, Sunnyside Coal Project, Whitehaven Coal Handling & Processing Plant
- **Mineral & Metal Mining and Processing** - Karara Magnetite Project, Muganda Ridge Hematite Project, Donalds Mineral Sands Project, Baal Bone Ventilation Shaft, Duketon Gold Mine Project
- **Waste Disposal** - Hub Waste Reprocessing Facility, Woodlawn Alternative Waste Treatment
- **Industrial & Commercial Operations** - Coca Cola Amatil Warehouse Facility, Eastern Creek Quarry & Asphalt Plant



Global Surface Warming Projections, IPCC 2007



Summer Temperature Projections for Australia, CSIRO 2005



Local Actions – Global Solutions

Visit us at www.heggies.com or call **1300 434 443** to find out more.

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www.slrconsulting.com