



Blue Environment is a leading provider of environmental policy, planning and management advice to public and private sector organisations. We are focused on delivering high quality outcomes based on sound scientific principles and technical excellence.

We partner with clients to conserve resources, manage business objectives and plan for the future while navigating complex regulatory policies and processes.

Blue Environment's reputation for strategic advisory services is built on more than 10 years' experience delivering resource efficiencies and cost savings.

**We deliver sustainable
outcomes through
innovation**

Greenhouse and carbon issues

Blue Environment can help with your National Greenhouse and Energy Reporting (NGER) requirements or reducing emissions from your project, operation or supply chain.

We specialise in strategic advice, focusing on the key issues with the support of life cycle and financial analysis. Our staff have experience in the food processing, manufacturing, government, ecotourism, agricultural and waste sectors. We have been at the forefront of the development of Australia's carbon policy and strategy in the waste/wastewater sector, undertaking a wide range of analytical projects for government and industry.

We have detailed knowledge of the issues and factors affecting scope 1, 2 and 3 emissions from the waste sector, and access to sophisticated models of greenhouse gas emissions from landfills, carbon pricing and life cycle impacts.

We undertake greenhouse-related work for a range of corporate and government agency clients. This ranges from assisting the Australian Government's understanding of carbon-related issues to the waste sector, to providing advice to private proponents seeking to access Australian Government funding for greenhouse reduction initiatives.



Experience

Our expertise is best evidenced by the extensive range of projects we have completed, including;

- **Waste sector greenhouse emissions uncertainty**

The United Nations Framework Convention on Climate Change prompted Australia to improve its estimates of uncertainty in the waste sector, and we were commissioned to analyse the data and prepare new estimates. This complex project involved assessing the sources and uncertainty associated with each parameter building up the Australian National Greenhouse Accounts, including data from each state and territory.

- **Emissions Reduction Fund advice**

Blue Environment provided advice to Greater Bendigo City Council on the potential eligibility of a proposed organic waste service for credits under the Emissions Reduction Fund.

- **Landfill carbon calculator**

On behalf of the Metropolitan Waste Management Group, Blue Environment developed a tool to assess appropriate waste pricing to cover carbon tax liabilities. The calculator was developed to provide guidance to the 30 councils comprising the group.

- **Carbon Farming Initiative application**

Blue Environment provided assistance to a large Australian waste company in developing an application for funding under the Commonwealth Government's Carbon Farming Initiative.

- **Carbon liabilities**

Blue Environment identified and quantified the potential liabilities under the carbon tax to a Victorian private landfill operator. Reporting requirements under the National Greenhouse and Reporting System were also identified.

- **Future emissions from the waste sector**

The Australian Government contracted Blue Environment to project future greenhouse gas emissions from waste, taking into account waste generation, diversion, and methane recovery from solid waste and wastewater generation. Emission profiles were tracked under high, medium and low range scenarios to 2030.

- **Waste emissions estimator**

Blue Environment is contracted to maintain a model used by a multinational waste company to estimate the greenhouse gas emissions from Australian clients' waste management choices.

- **Landfill gas capture and the Carbon Farming Initiative**

The Australian Landfill Owners' Association commissioned Blue Environment to undertake modelling and provide a report on the likely impact of including emissions from 'legacy waste' in the Carbon Farming Initiative. The report was used as support for the industry's discussions with government.