

# Carbon Footprint

## Issue:

Organisations now expect to have to rapidly adapt to an increasingly carbon-constrained world as part of Australia's (and the global) response to the challenge of changing climatic conditions arising from human-accentuated global warming. Legislation is currently in preparation setting out the detailed methodologies for the reporting and verification of greenhouse gas emissions to the Federal government by the major emitters. This is expected to be followed later in 2008 by the development of an emissions trading scheme that is proposed to be underway within 2-3 years.

All major emitters that trigger the prescribed threshold levels for the emission of greenhouse gases (chiefly carbon dioxide, but also including another 5 gases such as methane and nitrous oxide) are required by Commonwealth legislation to commence monitoring their greenhouse gas emissions from the 1 July, 2008, to register with the Federal government's reporting scheme by August 2008, and to commence reporting annual emissions for the year Jul 2008-Jun 2009 by September 2009. The legislation and related technical guidelines require that emissions from three general source categories be measured: those directly emitted by the organisation ("Scope 1"), those emitted by others as a result of power purchased by the organisation ("Scope 2"), and those emitted as a result of activities related to the organisation (eg. staff travel – "Scope 3"). Scope 1 and 2 emissions must be reported, whilst reporting of Scope 3 emissions is voluntary.

The details of the auditing and verification processes for the

greenhouse gas reporting scheme are currently being drafted by the federal government.

## Expertise:

EnviroRisk staff has collectively many years experience in identifying and evaluating the environmental impacts of organisations. We have conducted many Energy Audits and Greenhouse Gas reduction programs. Our personnel have been involved with Best Practice reviews involving state of the art technologies and co-generation.

Our Carbon assessments range from homes to offices to large industrial facilities.

## Solution:

EnviroRisk staff are able to assist organisations identify and quantify their greenhouse gas emissions and report these in accordance with Federal government legislation. We have the technical expertise to help you navigate the extensive reporting requirements documentation, and help enable your company to meet its monitoring and reporting obligations in a timely and compliant manner.

