

Research Program: R1

R1.103 - Emissions Trading: Multi Modal Transport Database and Industry Survey

Background:

The Australian Government announced that the Carbon Pollution Reduction Scheme (CPRS) will be implemented in 2010. The Australian rail industry therefore needs to understand the consequences of the CPRS and the implications of industry responses.

Objective:

The objective of this research project is to ensure that the rail industry, as a sector, develops sufficient foresight with regard to political, scientific and policy trends relating to the CPRS at both a national and international level. The project will attempt to ascertain whether rail would benefit or suffer from a national CPRS in comparison with other transport modes such as road, air or sea. The project will also inform rail organisations regarding how they can better align their organisational capabilities with an emissions trading scheme in order to maintain or increase their competitiveness.

Project scope:

The scope of this project is therefore to present a number of comparable case studies or scenarios that will evaluate the effects of various implementations of the CPRS on the rail sector. These scenarios will then be analysed in order to determine the effect of various models of CPRS on the rail sector.

Benefits:

The outputs of this project will benefit the rail industry as a whole. The report and outputs of this project will be used to inform the rail industry of the issues surrounding the implementation of a CPRS for rail, and how rail could use this to its advantage over the other transport modes.

Expected outcomes:

Established transport task and emission factor models

- Completion of economic modelling
- Completion of case study/scenario evaluations
- Report on policy implications of findings – completion of final report to industry

Project timeframe:

April 2008 – October 2009

Project Chair:

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