

## High Speed Rail Quantification of Non-Commercial Benefits (R1.114)

### Background

High Speed Rail (HSR) signifies operations of at least 250 kph. Operating at these very high speeds requires special trains, dedicated lines and signaling systems.

### Objective

The main purpose of this project is to examine existing information and develop a model for quantification of non-commercial benefits that apply to HSR, including energy savings, reductions in greenhouse gas emissions and external costs. This research is complementary to the R1.109 project (High Speed Rail: Strategic Information on East Coast HSR Context).

### Outcomes

The main output of the project will be a detailed report including information on energy use and external costs for long distance passenger trains and competing modes.

### Benefits

This project will assist the rail industry and other stakeholders to better understand the potential for HSR in Australia.

### Project timeframe

1 July 2009 to 31 March 2010