

Post-Carbon Australian Options for Railway Locomotives

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The double-whammy of Peak Oil with Climate Change pose complex intertwined challenges for Modern Transportation into and beyond the 21st Century. Firstly this paper gives a very brief contextualizing overview of the major issues, with a little historical background. Focus then moves to long-distance land transport, concentrating on heavy-rail. After a more in-depth technical examination of railway locomotives, a collection of somewhat innovative proposals are outlined (including mud-maps for further investigation, construction, testing thence commercial production and deployment).

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