

COST-EFFECTIVE HIGH SPEED - COST REDUCTION STRATEGY REVIEW

The aim of the Cost-Effective High Speed Train project is to identify areas in which the cost of tracked transport at speeds of 225km/h or more can be reduced. In this report the total cost of operating a high speed rail service is attributed to its various causes, and the potential for minimising the total cost is exemplified.

This study has considered the reduction in cost achievable for high speed routes in the short and long term. Reductions can be made in either of two ways:

- Reduction of cost of a subsystem by application of new technology or knowledge.
- Tradeoff of subsystem costs to minimise the whole system cost.

The report identifies a list of possible savings relating to the infrastructure, the train or both. It estimates when they might become available, and quantifies the effect on a number of high-speed running scenarios.