



European Rail Research Advisory Council

ERRAC ROADMAP FACT SHEET

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Strengthening Competitiveness

- ERRAC WP05 -

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The scope of ERRAC Work Package 05 is to identify the key barriers to innovation and to strengthen competition within the railway sector and improve the competitiveness of rail against other transport modes, but reducing cost and increasing customer satisfaction. The working group will participate in workshops to identify the breakdown of the European railway costs, and assess the options to optimise whole life costs for the whole railway, including the identification and assessment of incentives between the operators and infrastructure managers.



Work Package 05 will also map the technologies required for advanced industrial processes for manufacturing, assembly, construction and maintenance to reduce life cycle costs, improve development and reduce lead times of rolling stock and infrastructure. Consideration will be paid to railway organisation and structure, including supply chain management and the costs and barriers presented by supply contracts.



Objectives of WP05

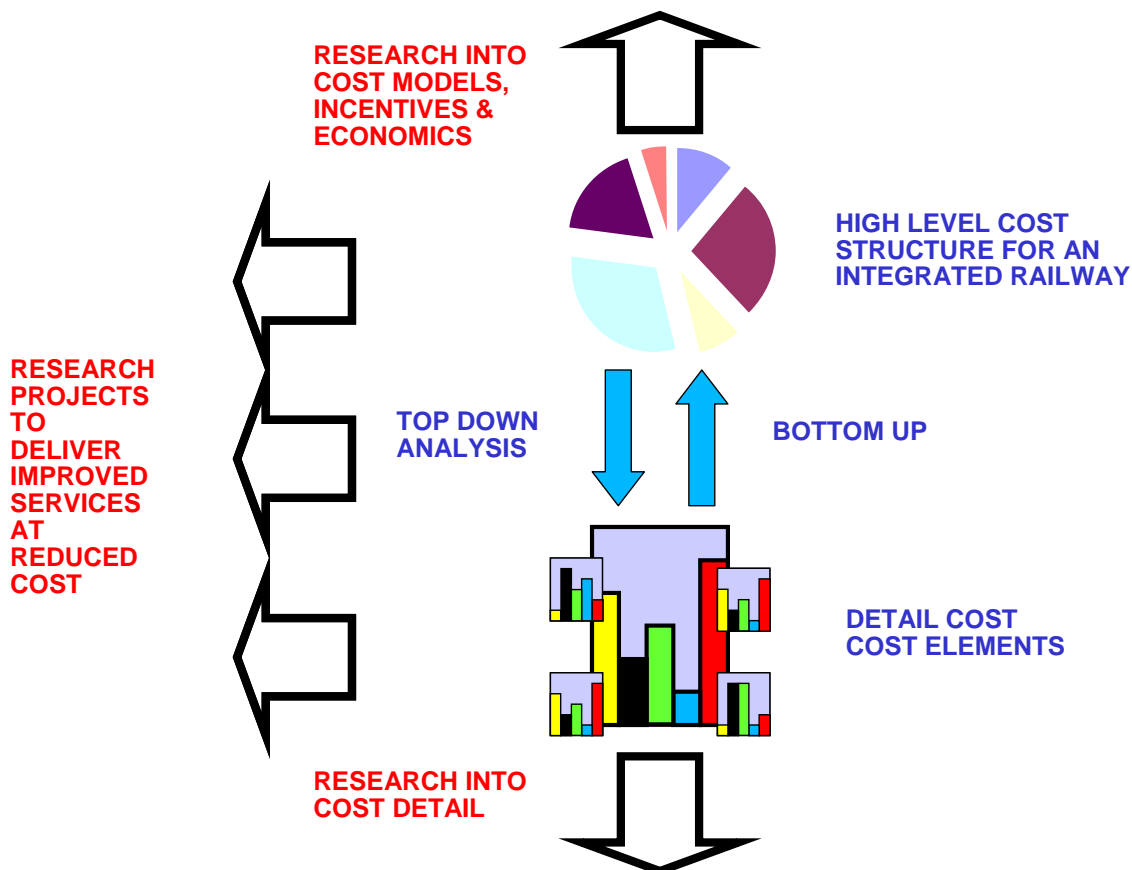
- To develop a high level cost model representing the major costs of the European Railways
- Understand the current barriers to competition and innovation in the railway industry
- To develop a long term vision of the 2030 railway
- Create a roadmap of the technology research required to increase efficiency, lower costs and improve customer satisfaction

ERRAC WP05 METHODOLOGY

The methodology that is deployed in ERRAC WP05 is to hold annual workshops to produce and communicate the high level railway cost model and this top down approach enables long term strategies to be devised and identify the high level priorities for innovation, which provide the greatest impact to the railway industry.

In addition to the workshops, further meetings and telephone conferences are to be held as required to develop the detailed cost elements from a bottom up approach, this will look at detailed costs and particular problems which the industry sees as restricting innovation, this finer cost detail allows a detailed routemap of the technologies and required research and development, to achieve the global goals determined from the study of the high level cost model.

This routemap will then provide input for the FP7 calls and direction for the whole railway industry and research organisations.



WHO WILL BE AFFECTED

Who Is Affected?

Stakeholders include:

- European Commission
- EU FP Projects
- Rail operators and Infrastructure managers
- Rolling stock owners
- Industries and the railway supply industry
- Universities
- International organisations such as UIC, UNIFE, UITP, CER, EIM, ERA, etc.
- Member States transport ministries

Disclaimer

ERRAC-ROADMAP

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ERRAC Roadmaps Fact Sheets

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