



## ERRAC ROADMAP FACT SHEET

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### Evaluation and Rail innovation data bank

- EWG WP06 -

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The overall scope of the WP6 Evaluation Working Group, within the ERRAC ROADMAPS Project, is to bring forward and enhance the work done in providing essential information and tools on the lessons learnt from the evaluation of past projects, to allow relevant rail related stakeholders and roadmap producers to make better choices and decisions, to achieve a more effective and measurable success of future rail research projects, both in terms of a systemic-oriented use of resources and in terms of concrete outcomes and real market uptake, for the future evolution of the rail industry.



During the past years, a great number of rail research projects have been funded by the European Commission in previous Framework Programmes and millions of Euros have been spent to this end. Yet it has not been easy to gain full awareness of all the relevant research that has been carried out. Valuable research results are often lost and the risk of overlappings and/or of generating redundant rail project initiatives is significant.

A good process of thinking in advance, based on lessons learnt from other projects, can lead to a much better focus to help devise new rail research projects that can guarantee concrete market uptake, offering widely acknowledged improvements and solutions for the future rail industry and market in general.



#### **Objectives of WP06**

WP06 has two specific objectives:

1. to provide essential information to stakeholders and roadmap producers on lessons learnt from the evaluation of past projects to promote a more systemic and focused approach to the use of funding resources and enhance real market uptake of project results
2. to provide a database of previous and existing national and European projects to support the ROADMAP Work Packages and ensure that valuable research undertaken in the past be not forgotten.

## WORKING METHOD

WP06 aims to build on the work already carried out by the ERRAC Evaluation Working Group in evaluating over 40 finished projects and to build, update and enhance the existing database with details relating to past and current rail research projects.

During the course of the project, work is carried out to:

- improve methodology to scrutinise and assess the contribution of projects to the ERRAC ROADMAPS and Strategic Rail Research Agenda (SRRA) goals;
- provide input to EC Project officers during the course of the projects inputs as to the potential impacts of the deliverables on the ROADMAPS and SRRA;
- evaluate finished rail research projects, analyse success/failure factors and market uptake to communicate this information to the other Working groups and stakeholders in general;
- explicate the advisory role that EWG has, to provide ideas for new European and national projects in terms of market uptake or implementation;
- develop the database (also using the TRKC platform) to provide rapid access to information on results of rail research projects, deliverables and evaluations of market uptake, as well as lessons learnt and short analysis of a possible contribution to the attainment of the goals of the Vision 2020 in coherence with SRRA.

## THE EVALUATIONS METHODOLOGY

The methodology for the evaluation of the projects is based on an analysis of project results and deliverables, together with a set of interviews to project participants and other stakeholders. It aims at determining not so much an evaluation as to the contents of the projects per se, but rather of the actual implementation and market uptake of the project results once the work has ended, according to the following criteria (updated by WP06 in December 2010)

### ***Strong Market Uptake***

- Clear evidence of use of products or services, processes, dissemination of knowledge, tools etc. in several countries/products
- The major objectives of the project have been implemented
- Need for additional research to realize their full market uptake.

### ***Medium Market Uptake***

- Some evidence of use of products or services, processes, limited dissemination of knowledge, tools etc. in a few countries/products
- If only a small proportion of a project has some market uptake, the project as a whole is considered to have a medium market-uptake.
- Follow up project may be necessary

### ***Weak Market Uptake***

- No known use of products, services, processes, dissemination of knowledge, tools etc. have been identified anywhere
- No follow up project is needed unless the reason for the market uptake failure is clearly understood and removed

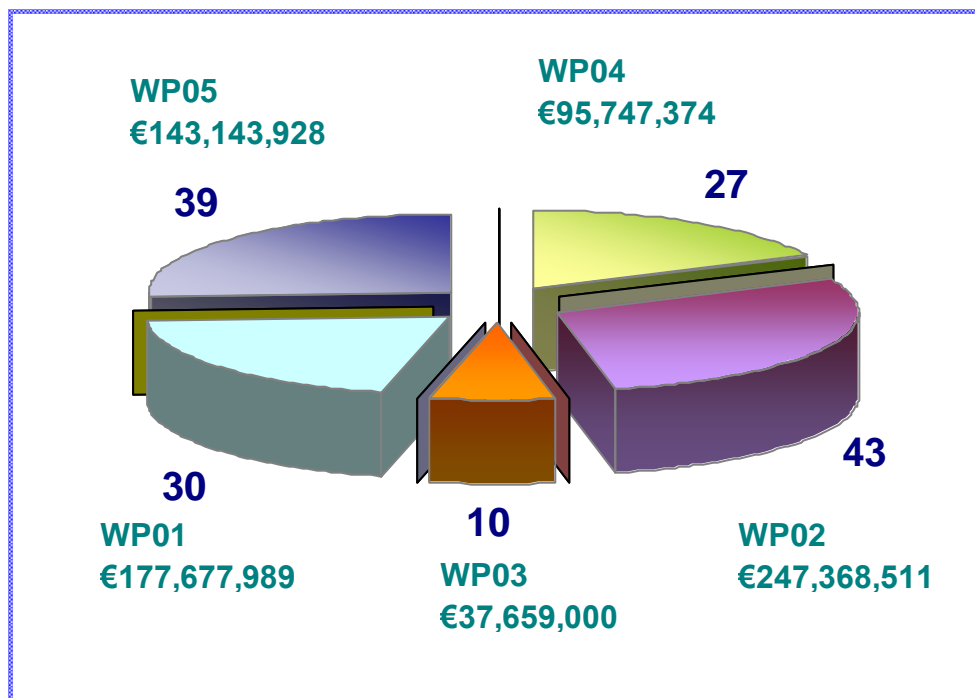
## THE EVALUATIONS METHODOLOGY

The interviews carried out by the EWG members for the project evaluations are based on the following questionnaire :

### EWG WP06 Questionnaire:

- *Were the results implemented in the design of new products and services?*
- *Were these put into commercial operation?*
- *Is new legislation or standardisation based on the findings from this research project?*
- *Are the results implemented across Europe?*
- *Are the results implemented outside Europe?*
- *Did the project increase competitiveness of the European rail sector? Compared to other transport?*
- *Are the results taken into account when preparing public tenders?*
- *Do the results help facilitate cross-border operation? Intermodal operations?*
- *Can benefits be estimated financially?*
- *Are the results useful for future and new projects?*

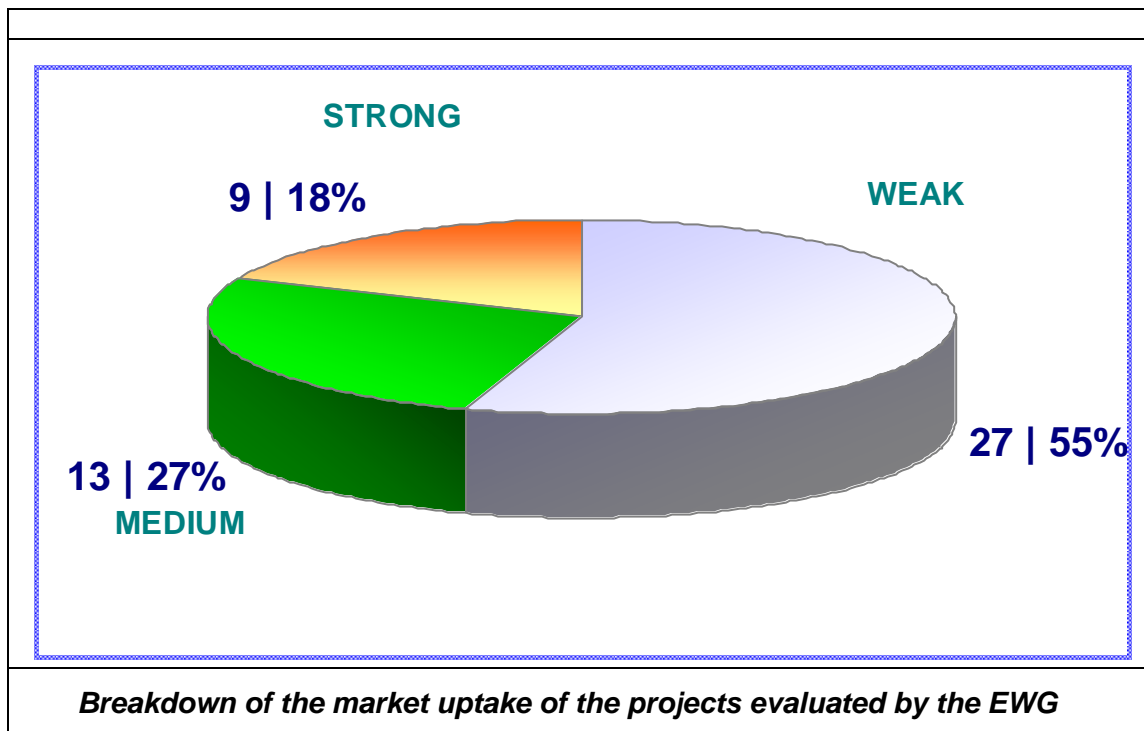
## STATISTICS ON EVALUATIONS



**Breakdown of projects included in the EWG database on categories of main work package (total number – 149)**

- WP01 - The greening of surface transport;
- WP02 - Encouraging modal shift and decongesting transport corridors;
- WP03 - Ensuring sustainable (sub)urban transport (including modal shift, suburban and regional rail, light rail and metro, and sustainable urban mobility)
- WP04 - Improving safety and security
- WP05 - Strengthening competitiveness.

*Note: the figures in Euros are the total budgets of the projects considered in each category.*



Projects evaluated with Strong market uptake:

- ALJOIN
- ALJOIN plus
- CAESAR
- EUROMAIN
- LIBERTIN
- ROSIN
- SAFETRAM
- Sustainable Bridges
- TRAINCOM

*NOTE:* Initially, three other projects (PROSPER, RAVEL, REPID) were evaluated with strong market uptake but, after gathering more information, they were re-evaluated as having a medium market uptake.

### WHO WILL BE AFFECTED

Stakeholders include:

- European Commission
- European Railway Agency
- Rail operators, Infrastructure managers
- Industries
- Universities
- Sector associations such as UIC, UNIFE, UITP, CER, EIM, etc.
- Member States Transport Ministries

## Disclaimer

### ERRAC-ROADMAP

For further information on ERRAC Roadmap please contact:

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### ERRAC Roadmaps Fact Sheets

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