



**FOSTERRAIL Final Conference
Brussels, 07/04/2016**

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Project Coordination



General information

Project answering to the EC FP7 6th Call for Proposals

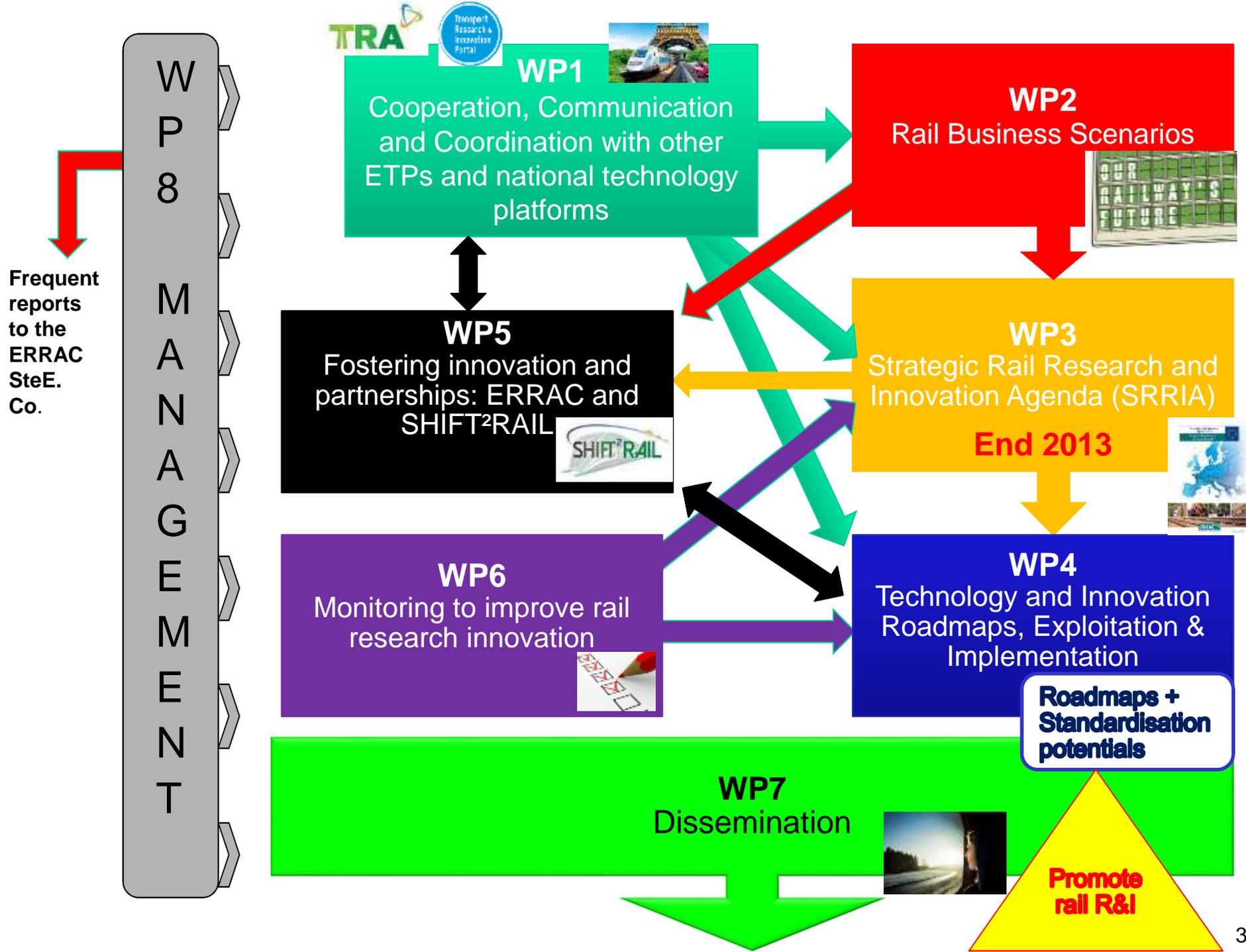
SST.2013.6-1 – « Strengthening the research and innovation strategies of the transport industries in Europe

Project full title: “Future of Surface Transport Research Rail”

Running time: 36 Months

starting 01 May 2013 – ending 30 April 2016

Follow-up activities in the SETRIS project





WP1
Cooperation, Communication and
Coordination with other ETPs and
national technology platforms

WP1 focused on 2 specific issues:

- **The cooperation between the transport related ETP's** → Clustering multi-modal research and innovation issues between ETPs, identifying R&D topics of common interest and related experts within the modes
- **Developing links and coordination strategies between ERRAC, EU and National Technology Platforms** → analysis and recommendations for closer cooperation

WP2 focused on 2 specific issues:

- **The development of a Rail Business Scenario** as a strong basis for the development of the SRRIA and RM's
- **The update of the The Regional and Suburban Rail Market Study** (2005) → definition of Regional and Suburban Railways (RSR) & in-depth picture based on 2014/2015 data: confirms the critical importance of RSR in the EU = for 90% of total railway passengers and 50% of passenger-kilometers. RSR trains carry as much passengers as all metros in Europe and 10 times more passengers than air travel within the EU

- **The Strategic Rail Research & Innovation Agenda – SRRIA** - specifically addresses the European efforts required for research and innovation to achieve the ambitious goal set out by the European Commission in the Transport White Paper published in 2011 where it is recognised that European Transport is at a cross roads, and that old challenges remain but new ones have come
- In support of European Union action to provide sustainable solutions to the current economic problems and to address the challenges of tomorrow, ERRAC believes that **research and innovation will enable the European rail sector to retain its excellence** and increase its global competitiveness.

- Rail is now a knowledge-intensive and internationally competitive sector, striving to create an optimal eco-system for innovation. It pulls together (from across the continent) excellent research institutions and a well-performing manufacturing industry, with a strong and increasing dedication to research, development and innovation.
- The **SRRIA** is focussed on the **CUSTOMERS** of the railway system: the journey experience, including the train and station environment, comfort, access, and value for money, taking account of feedback received.
- It describes research and innovation priorities structured around 3 sets and ten themes

- **Attractiveness of rail and public transport**
 - ✓ Customer experience
 - ✓ Strategy and economics
- **A whole system approach**
 - ✓ Capacity, performance and competitiveness
 - ✓ Energy and environment
 - ✓ Safety (including certification) and security
- **Assets**
 - ✓ Control, command, communication and signalling
 - ✓ Infrastructure
 - ✓ Rolling stock
 - ✓ IT and other enabling technologies
 - ✓ Training and education

WP4 focussed 3 specific issues:

- **Developing the updated roadmaps** building on the previous RM's and identifying gaps
- **Prioritisation & Recommendation report of the sector's R&D needs & priorities**
- **ERRAC Standardisation potential & exploitation recommendation for Mainline** as well as for **Urban Rail**
- **More on the roadmaps - later**



WP5
Fostering innovation and
partnerships: ERRAC and
Shift2Rail

WP5 launched several activities:

➤ **propose the necessary strategic and operational links between ERRAC and the Shift2Rail initiative and identify the coordination requirements**

- ✓ WP5 informed the ERRAC about S2R developments
- ✓ 2 ERRAC Permanent Advisory Groups (Academia and Member States) were set up and informed about Shift2Rail
- ✓ One single pre-requirement group was set up and integrated within the preparatory phase of Shift2Rail in order to try to boost the inputs from the interested parties.



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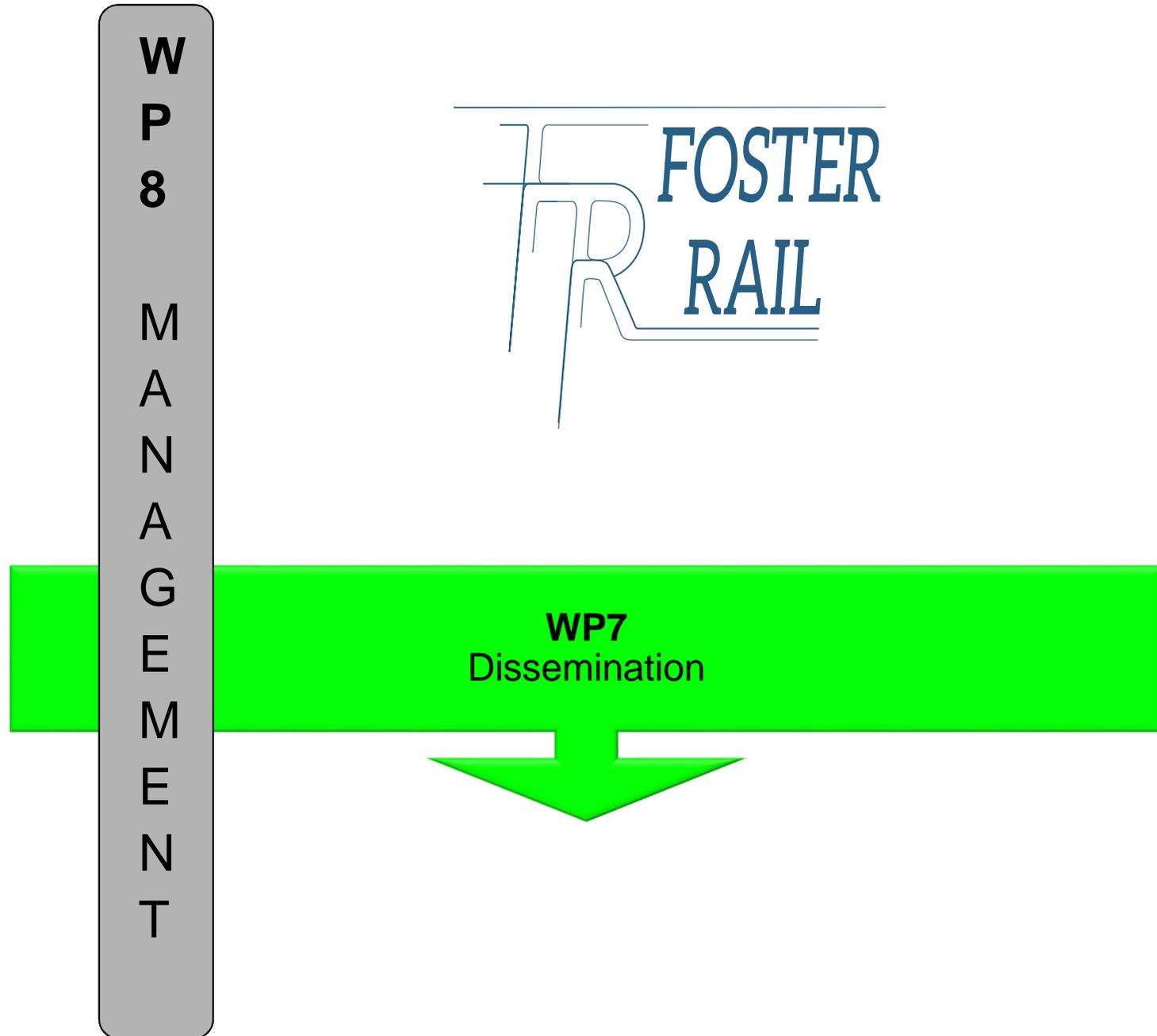
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WP5 launched several activities:

- **the framework was developed for the creation of “system pre-requirements groups” for each Shift2Rail Innovation Programme**
- **the support of the knowledge widening of the partnership of the Shift2Rail initiative**
- **to create a database for potential partners to the Shift2Rail Innovation Packages and to support the identification of possible new Shift2Rail Associated members.**
- **a comparison between the FOSTER RAIL SRRIA and the Shift2Rail Multi Annual Action Plan – MAAP**

WP6 focused on several issues:

- Continuous delivery of evaluation of finalised projects with clear understanding of the market uptake mechanism
- Highlighting good examples from the evaluation process with reasons for success, good criteria and best practice
- Monitoring of on-going projects





Thank you for your attention

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