

# CAPACITY4RAIL Towards an affordable, resilient, innovative and high-capacity European Railway System for 2030/2050



## **Dissemination workshop #2**

3 November 2016 Maison Grand place Grand Place, 19 – 1000 Brussels (Belgium)

### **Agenda**

| Time  | Topic  | Speaker                           |
|-------|--|-----------------------------------|
| 09:30 | Welcome and registration   |                                   |
| 10:15 | Opening  | I. De Keyzer                      |
|       | General Presentation by the project coordinator  | A. Andrés (UIC)                   |
| 10:30 | SP1 Infrastructure :   |                                   |
|       | Progress in the design of innovative slab tracks   | PE. Gautier (SYSTRA)              |
|       | Modelling infrastructure and designing bridges for very high speed, results of tests on ADIF | PE. Gautier (SYSTRA)              |
|       | Innovative concepts and designs for resilient SCs  | Arne Nissen (Trafikverket)        |
| 11:30 | Coffee break   |                                   |
| 11:45 | SP2 New Concepts for Freight systems   |                                   |
|       | Novel Rail Freight Vehicles  | A. Toubol, NewOpera               |
|       | Co-modal Transhipment and Interchange Logistics  | S. Ricci, Sapienza Univ. Roma     |
|       | Catalogue of Specifications  | D. Islam, University of Newcastle |
| 12:45 | Lunch  |                                   |
| 13:30 | SP3 Operations for enhanced capacity   |                                   |
|       | Operations for enhanced capacity: An Overview  | E. Quaglietta, Network Rail       |
|       | Capability Trade-Offs Analysis tool  | E. Quaglietta, Network Rail       |
|       | Simulation and Models: Demonstrator optimized timetabling                                    | M. Wahlborg, Trafikverket         |
|       | Optimal Strategies for Disruption Management   | P. Pellegrini, IFSTTAR            |
|       | Data Modelling and Architecture  | E. Quaglietta, Network Rail       |
| 14:30 | SP4 Advanced Monitoring  |                                   |
|       | • Objectives   | G. Baumann, Deutsche Bahn         |
|       | Monitoring Technologies & Sensor   | Speaker TBD                       |
|       | Implementation in new structures   | Speaker TBD                       |
| 15:30 | Coffee break   |                                   |
| 15:45 | SP5 System assessment and migration to 2030/2050   |                                   |
|       | • Objectives   | G. Baumann, Deutsche Bahn TBC     |
|       | Results:   | J. Paragreen, Uni. Sheffield      |
|       | <ul> <li>Scenarios, cost benefit analysis and demonstration</li> </ul>                       |                                   |
|       | Next Steps   | Speaker TBD                       |
| 16:45 | Q&A Wrap up  |                                   |
| 17:00 | End of Workshop  |                                   |

**Meeting documents:** Meeting documents and presentations will be available for download from the public website.



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## Workshop venue

#### Address:

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