

# Space for Innovation in Rail

Towards Satellite-Based ERTMS | #Satellite4Rail

13-14 September 2023  
Madrid

## Wednesday 13 September 2023

Event moderator: **Catherine Cieczko**, Chief Stakeholder Relations and Dissemination, EU-Rail JU

12:00 **Registration and light lunch**

13:00 **Welcome**

13:05 **Keynote speeches**

- **Raquel Sánchez Jiménez**, Spanish Minister of Transport, Mobility and Urban Agenda (invited)
- **Elżbieta Łukaniuk**, Member of Cabinet European Commissioner for Transport
- **Izaskun Bilbao Barandica**, Member of the European Parliament (invited)
- Representative from the **Directorate-General for Defence Industry and Space**, European Commission
- **María Luisa Domínguez**, President ADIF

13:45 **Setting the Scene – Space for Expanding ERTMS Capabilities**

- **Matthias Ruete**, European Coordinator Trans European Transport Network (ERTMS)
- **Elżbieta Łukaniuk**, Member of Cabinet European Commissioner for Transport
- **María Luisa Domínguez**, President ADIF
- **Josef Doppelbauer**, ERA Executive Director
- **Rodrigo da Costa**, EUSPA Executive Director
- **Giorgio Travaini**, EU-Rail JU Executive Director a.i.
- **Moderator: Keir Fitch**, Head of Rail Safety and Interoperability Unit, European Commission

14:30 **Light lunch / coffee**

15:00 **Bringing Innovation to the Market - Are Satellites on the Track?**

- **Introduction** by **Lea Paties**, Senior Programme Manager EU-Rail JU / **Daniel Lopour**, Market Development Officer, EUSPA
- **CLUG2 – GNSS Onboard Localization Unit for ERTMS** | **José Bertolin**, Technical Affairs Manager UNIFE
- **HELMET Project** | **Francesco Rispoli**, Director General Radiolabs
- **FP2-R2DATO Project** | **Frédéric Villot**, Project Director SNCF
- **FP6-Future Project** | **Alessandro Mascis**, Vice-President Digital Intelligence WABTEC
- **Q/A Panel**
  - **Stéphane Callet**, Head of CCS related innovative projects, SNCF
  - **Iban Lopetegui**, Software Engineer CAF
  - **Vincent Passau**, System Innovation and Onboard Solution Director Alstom
  - **Gemma Maria Salazar Luque**, Vice President Strategy, Marketing and Technical Main Line Signalling Thales
  - **Fabio Senesi**, Senior Executive Manager RFI
  - **Antonella Trombetta**, Director of European Affairs Hitachi
  - **DB representative** (invited)
  - **SBB representative** (invited)
  - *Moderators: Lea Paties*, Senior Programme Manager EU-Rail JU

16:45 **Coffee break**

17:15 **Sector Representative View on Satellite Based Localization in ERTMS – from a Game-Changer to Reality**

- Impulse speech: **Maria-José Garcia Prieto**, Project Officer ERA ERTMS Unit
- **Panel**
  - **Nick Brooks**, ALLRAIL President
  - **Philippe Citroën**, UNIFE Director-General
  - **Carole Coune**, Secretary General Association of European Rail Rolling Stock Lessors (AERRL)
  - **Bardo Schettini Gherardini**, EIM Director of Operations
  - **Alberto Mazzola**, CER Executive Director
  - **Michel Ruesen**, Managing Director ERTMS Users Group (EUG)
  - *Moderator: Jo de Bosschere*, Head of ERA ERTMS Unit

18:30 **End of day one**

19:00 **Dinner**

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## Thursday 14 September 2023

09:30 - 11:00 **IRIS<sup>2</sup> - EU Satellite Communication as an option for ERTMS**

- Introduction: **DG DEFIS**  
**EUSPA**
- **Panel**
  - **Ricardo Campo**, Programme Director CEDEX
  - **Pierre Le Corre**, Project Manager SNCF
  - **Emilie Masson**, Project Manager Railenium
  - **Fulvio Sansone**, Founding Partner and CTO neXat
  - **Flavio Sbardellati**, Market Development Technology Officer EUSPA
  - *Moderation: TBC*

11:00 - 11:30 *Coffee break*

11:30 Presentation: **EU-Space Solutions in Technical Specifications for Interoperability (TSI)** |  
**Maria-José Garcia Prieto**, Project Officer ERA ERTMS Unit

11:45 - 12:45 **Practical Steps towards Adoption of EU-Space Solutions in Rail Signalling**

- **Panel**
  - **Valentin Barreau**, SNCF (*representing EU-Rail FA2*)
  - **Jo de Bosschere**, Head of ERA ERTMS Unit
  - **Ian Conlon**, Head of System Pillar EU-Rail JU
  - **Fiammetta Diani**, Head of Market Downstream and Innovation Department EUSPA
  - **Jorge Iglésias**, CEDEX
  - **European Space Agency (ESA)** representative (invited)
  - *Moderator: Daniel Lopour*, EUSPA

12:45-13:00 **Conclusions**

13:00 – 14:00 *Light lunch #EuropeanYearOfSkills*

14:00 **Site visits**

- a) **ADIF Traffic Control Centre at Atocha Station** (*10-15 minutes walking from the Conference Venue*).
- b) **CEDEX Track Box Laboratory** (*3 minutes walking from the Conference Venue*)
- c) **CEDEX ERTMS Rail Interoperability Lab** (*to go by means of a bus (20 minutes) that later will go to the airport*)