STARS Tutorial :

Technology Innovation Analysis

Part IV: “Regional rail services- Innovative railway services to revitalise capillary line & Railway multimodal and intermodal transport”- IT6 & IT8

Agenda

STARS
STrategic Alliances boosting Railway Smes

STARS Tutorial Part IV : 21st September 2023
11am-12.30pm

RAILENIUM
RAIL RESEARCH & INNOVATION

Co-funded by the COSME programme of the European Union

8 Innovation trends

STARS Tutorial Agenda

"Regional rail services- Innovative railway services to revitalise capillary line & Railway multimodal and intermodal transport"

- RAILENIUM: Introduction of the tutorial: Tech.Innovation.Analysis and ITs challenges (IT6 and IT8) 10'
- SNCF : New generation of light trains for Capillary lines 20-30'

  content :
  - General presentation of TLI project describing the main challenges
  - Impact on the regional network and expected benefits
  - Illustrations of each challenge
  - Development and deployment roadmap

  Questions
- McLedger: How digital services can boost intermodal transport 15-20'

  content:
  - Real-time software platforms to ensure more fluid transport loads
  - New services proposed thanks to the platform
  - Interconnecting the different networks and modes to increase the freight capacity and efficiency
- Fraunhofer Berlin: Simulating infrastructure regarding noise of trains passing and the impact of noise reduction methods 15-20'

  Content:
  - Why acoustic simulations are necessary, impacts for train traffic growth
  - State of the art of solutions
  - Evaluation of solutions impact and perspectives

  Questions
- Conclusions 5'

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