

# AMBER RAIL FREIGHT CORRIDOR

## Bottleneck study and customer orientation

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RAG+TAG Meeting | 19 February 2019 | Ljubljana

# Speaker's background

- Managing Director of the Amber RFC (from 1 March 2019)
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- 1990-ies – Studies at University of Hanover/Germany and Royal Institute of Technology (KTH) Stockholm/Sweden; Traineeship at Swedish State Railways (Dept. for Strategic Development)
  - 1990-ies/2000-s – Research assistant and railway consultant in Europe and abroad (mostly rail freight-related projects)
  - 2009 – PhD in rail freight transport at KTH Stockholm/Sweden
  - 2010-2015 – National Expert at the European Commission (DG MOVE), Railway Unit
  - 2016-today – Project Manager in EU R&D-projects in railway technology at KTH
  - April 2018-today – Senior Advisor International Projects at GYSEV

# Bottleneck study for the Amber RFC

## Objectives:

- Identify and describe bottlenecks along the lines of the Amber RFC, incl. terminals:
  - Infrastructural
  - Operational
  - Administrative
- Particular attention to be given to:
  - Cross-border sections
  - Capacity issues
  - Line standards
  - TEN-T minimum requirements and TSI standards

# Bottleneck study for the Amber RFC

## Objectives (cont.):

- Propose appropriate measures for improvements
  - Infrastructure
  - Operations
  - Regulations
- Provide support for decisions on future investments and improved processes in cross-border cooperation

→ Aim: Create conditions for more efficient, more reliable and more competitive rail freight !

# Infrastructure parameters

## TEN-T minimum infrastructure requirements:

- **Train length:** 740 m
- **Axle load:** 22,5 t
- **Line speed:** 100 km/h
- **Signalling:** ERTMS
- **Power supply:** Electrification

## Additional parameters to be assessed:

- **Intermodal loading gauge:** P400
- **Meter-load:** 8,0 t/m (i.e. in combination with axle-load requirement Line Class D4)
- **Gradients:** Identification of gradients  $\geq 12,5 \text{ ‰}$



# Involvement of corridor customers

- **Issues raised on RAG/TAG kick-off already taken into account in the Terms of Reference for the study**
- **RAG+TAG spokesperson participating in discussions with the Contractor**
- **Consultation of customers by the Contractor**
- **Input/views provided by RAG+TAG (consolidated by the AG spokesperson)**
- **RAG+TAG regularly to be updated on project progress during AG-meetings**
- **Individual meetings upon request**

# Bottleneck study – State of play

- **Contract awarded on 3 Dec. 2018**
- **Contractor: Kontúr Csoport**
  - **Sub-Contractor: Trenecon**
- **Kick-off meeting to be held in March 2019**
- **Intermediate results expected in beginning of 2020**
- **Final report due on 18 Dec. 2020**

## Improving our customer orientation

- Further activities and channels for exchange
  - **RAG+TAG meetings**
  - **Customer Satisfaction Surveys**
  - **National Information Days**
  - **Information exchange with associations representing customer views (e.g. UIRR, CER/ERFA, ...)**
  - **Views expressed by customers in relevant fora and events (e.g. Rail Freight Days, conferences, etc.)**
  - **Individual feedback from customers**



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Thank you for your attention!

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