

Dr. Gerhard Troche | Managing Director

RAG+TAG Meeting | 19 February 2019 | Ljubljana























Speaker's background



- Managing Director of the Amber RFC (from 1 March 2019)
- 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

→ <u>Aim:</u> 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 ≥ 12,5 ‰





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





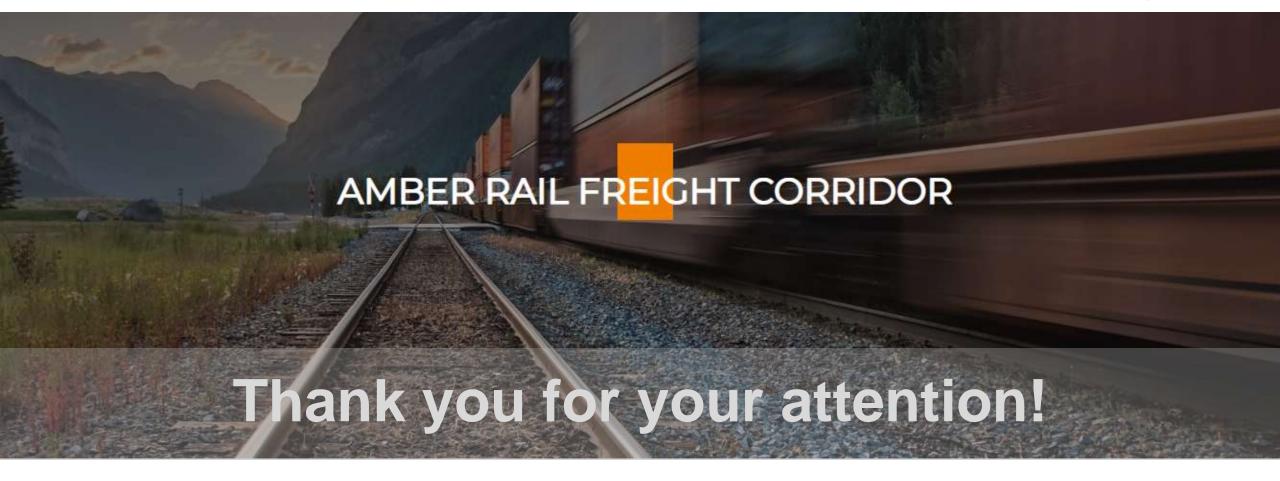
Improving our customer orientation

- 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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