Feasibility studies and design tenders of local facilities

Anvar Salomets
Rail Baltic Estonia
Rail Baltic Estonia projects

- Ülemiste passenger terminal
- Pärnu passenger terminal
- Muuga freight terminal
- Pärnu freight terminal
- Dry port on the Rail Baltica route near Tallinn area
- Horizontal studies

Rail width 1435mm
Ülemiste passenger terminal

Status quo
- detailed planning is on-going, to be concluded by the end of 2018
- analysis of terminal functionalities – interim report provided
- other preparation activities – agreements with stakeholders etc

Future tenders and timeline:
- detailed design of 1520 mm railway yard – 2018
- detailed design of terminal building – 2018–2019
Pärnu passenger terminal

Status quo
▶ detailed planning process is finished – established by the local government
▶ ToR for the analysis of terminal functionalities is under preparation

Future tenders and timeline:
▶ analysis of terminal functionalities – II quarter 2018
▶ detailed design of terminal building – IV quarter 2018
Muuga freight terminal

Status quo
- preliminary feasibility study and CBA provided
- analysis of possible legal restrictions while implementing technical alternatives is on-going
- pre-agreements with Estonian Railways and Port of Tallinn regarding possible technical solutions
- ToR for the analysis of different financing scenarios is under preparation

Future tenders and timeline:
- analysis of different financing scenarios – III quarter 2018
- detailed planning of freight terminal – IV quarter 2018
- preliminary design of freight terminal – at the beginning of 2019
Pärnu freight terminal

Status quo
- Preliminary feasibility study and CBA will be concluded by RB Rail AS by the end of 2018

Future tenders and timeline:
- Detailed planning of freight terminal – at the beginning of 2019
- Preliminary design of freight terminal – at the beginning of 2019
Dry port

Background:
- based on the Muuga freight terminal feasibility study additional resources are needed after 2030 for cargo handling
- ToR for the dry port feasibility study is under preparation

Future tenders and timeline:
- feasibility study for the dry port near Tallinn area on the Rail Baltica route – III quarter 2018
- preliminary design – to be specified
Horizontal studies

Availability of mineral resources –
- 2 studies carried out so far – availability of mineral resources in certain areas around Rail Baltica route needs to be specified (limestone, sand)
- follow-up studies – how to ensure necessary resources (opening of new quarries, widening scope and logistics, alternative resources)

Development of implementation model for construction and construction logistics
- main outcomes – procurement strategy alternatives, construction logistics plans for different alternatives
Rail Baltica Global Project timeline

- **Studies** (2015)
- **Design** (2016-2018)
- **Building process and materials** (2019-2021)
- **Terminals, depots** (2022)
- **ERTMS** (2023)
- **Electrification** (2024-2025)
- **Commissioning** (2026)
Thank you!