Sustainable development of railway infrastructure in Latvia

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- **Infrastructure manager**
  - 1859 km of railway lines
  - 248 km electrified lines

- **Freight operator**
  - 14 991 million net ton km
  - 77% freight market share
  - 75 stations and freight terminals

- **Wagon keeper**
  - 6815 freight wagons

- **Traction fleet owner**
  - 203 locomotives
    - incl. 66 shunting locomotives

- **International passenger operator**
  - # 360 thousand passengers
  - 7.5% growth over 2012

- **Supporting businesses**
In Latvia – the most intensive use of rail infrastructure for freight transportation

million ton kilometres, per 1 km of line, 2012

Source: Eurostat
Freight transport volumes (million tons)

Source: LDz
Sustainability for the future

- Steady demand forecast as global demand shifts to Asia and more competition regionally
- Tightening regulatory requirements (Directive 2012/34/EU)

MAIN CHALLENGE - EFFICIENCY

STRATEGIC RESPONSE

Investment
- Automation of processes,
  - replacement of manual work
  - wide application of IT systems
- Technology upgrade

Operations
- Revision / revalidation of working procedures,

Cooperation
- Multimodal end – to – end service offering
- Alignment of capacities to cope with peak loads in demand
## Major investments in public railway infrastructure in 2014-2015

**Planned investment projects**  
Total amount: **262.6 million EUR**

- Reconstruction of marshalling hump in Šķirotava station  
- Construction of station Bolderāja 2 with connecting track to terminals in Krievu sala  
- Modernization of signaling, telecommunications and power supply systems in section Bolderāja 1 - Zasulauks  
- Construction of the second track in section Skrīveri – Krustpils  
- Track renewal in sections of Rail Baltica corridor (Rail Baltica 1)

**New investment projects**  
Total amount: **159.1 million EUR**

- Replacement of turnouts – supply of turnouts  
- Reconstruction of tracks  
- Modernization of centralization system in Šķirotava station  
- Modernization of data transmission network  
- Modernization of signaling system and reconstruction of rail tracks in Liepāja station  
- Modernization of rail passenger service infrastructure
Major investments in public railway infrastructure in 2014-2015
To keep the competitiveness, massive investments are needed for modernization!

Until 2020 more than 800 million EUR are planned to be invested in the largest infrastructure projects, which are included in the National Development Plan and/or the Transport Development Guidelines.

Most of these projects can be implemented if the public funding is available.

Electrification of East-West railway corridor and Riga suburban passenger lines
Implementation of unified train traffic planning and control system
Construction of GSM-R wireless communications network
Implementation of dispatcher centralization
Reconstruction and modernization of major railway junctions
Modernization of passenger access and service infrastructure
Thank you for your attention!