RAIL BALTICA – A PLATFORM FOR DIGITALIZATION AND INNOVATION

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To digitalize or not to digitalize?

- Greenfield opportunity
- Future perspective
- Innovation spillovers
- Expensive?

4th Industrial Revolution
Unstoppable
Uncompromising

Look beyond CAPEX
Life-cycle perspective
Wider economic impact

Rail Baltica
The Infinite Loop of Innovation

**Smart project delivery**
- Innovative components (life-cycle)
- BIM-based design & construction

**Smart management**
- ERTMS
- GSM-R vs 5G
- Capacity and asset management

**Smart maintenance**
- Condition-based maintenance
- Sensors, cameras, Big Data

**Seamless PaxEx**
- Smooth intermodal mobility (no waiting | effortless planning)
- Ticketing, baggage, safety/security, entertainment
- Real-time trip-related information

**Logistics 4.0**
- Just-in-time | reliability | visibility
- Smart multimodal terminals
- Automated operations

**Innovation spillovers**
- Disruptive start-ups
- Digital value chain
- Catalytic effects of innovation

**Rail Baltica**
Roadmap towards Innovation & Digitalization Guidelines

Rail Baltica digitalized

Q3
- Terms of Reference in cooperation with Shift2Rail
- Key stakeholders involved
- Tender Launched

Q4
- Study Completed
- Guidelines approved
- Full alignment with other processes (design, components, commercialization)

beyond
- Continuous innovation benchmarking
- Engagement of the start-up community
- Cooperation with research institutions

Rail Baltica
Contact us

RB Rail AS is a multi-national joint venture of the Republics of Estonia, Latvia and Lithuania, which has been established to implement Rail Baltica

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