Rail Baltica BIM
Implementation Vision

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Agenda

- BIM
- BIM for Rail Baltica Global Project
- EU BIM Handbook
WHY
NOT
THIS?

It was MUCH cheaper
Lasted for a week with a single charge
Very durable and almost indestructible
OLD TECHNOLOGY

It was MUCH cheaper

Lasted for a week with a single charge

Very durable and almost indestructible

Rail Baltica
BIM implementation plans

1. BIM Strategy Framework
2. Detailed BIM Strategy public procurement
3. Development of Detailed BIM Strategy
4. BIM Technology public procurement
5. BIM Technology implementation with support
BIM implementation plans

01 BIM Strategy Framework

- Set the base and approach for the Detailed BIM Strategy
- Develop the ToR for the Detailed BIM Strategy
- Send a message to market – BIM will be used for Rail Baltica Global Project

02 Detailed BIM Strategy public procurement

- Public procurement was announced on February 5, 2018.
- Proposal submission deadline was March 8, 2018
- 2 tenderers applied
- Evaluation based on:
  - Price
  - Team of key experts
  - Technical proposal
# BIM implementation plans

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**03 Development of Detailed BIM Strategy**
- BIM, CAD manuals and standards
- Classification systems
- Roles and Responsibilities
- ToR for CDE and supporting technology
- Training materials
- Support

**04 BIM Technology public procurement**
- Common Data Environment (CDE) solutions
- Supporting technology and software for project needs
- Training materials
- Support

**05 BIM Technology implementation**
- Implementation of the procured CDE and supporting technology solutions
- Testing
- Training
- Support
Planned Common Data Environment model

Federated models, data and documents

A+B+C

Controlled access rights

A  Discipline model, data and documents
   B  Discipline model, data and documents
   C  Discipline model, data and documents

A2  Sub-models, data and documents
B1  Sub-models, data and documents
C1  Sub-models, data and documents

A2  Sub-models, data and documents
B2  Sub-models, data and documents
C2  Sub-models, data and documents

Rail Baltica
EU BIM Handbook

Handbook for the introduction of Building Information Modelling by the European Public Sector

Eesti keel
in review

Lietuvių kalba
in final production

Latviešu valoda
in development

Initiative from RB Rail

http://www.eubim.eu/handbook-selection/
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.