Land Cadastre and single project vision

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Rail Baltic – a common project

- International passengers
- National interests
- Regional interests
- EU interests
- Global interests
Chance to change
Details matter

Cadaster and Rail Baltica

• On a big picture all pieces come together

• Small exceptions are the most time consuming
Project flow

1. Cadastre information
2. Spatial planning
3. Building permission
4. Construction Works
5. 3D information
   - Topographic model
   - Architectural model
   - Effectiveness model
Register of Construction Works

- First step in a marathon.
BIM

Building information modeling (BIM) - powerful tool, that is weak without regulations
IFC

The Industry Foundation Classes (IFC) data model is intended to describe building and construction industry data. It is a platform neutral, open file format specification that is not controlled by a single vendor or group of vendors.
Tomorrow arrived yesterday
Smart investments
New users – higher demands
Cadastre vision?

- Land cadastre should be more than just maps and archives?
- Could it be single application that can export value adding information to multiple platforms?
- Is single cadastre platform as far as Mars?
Let's keep it simple
Let's keep it affordable
Case of Rail Baltica
Beta project

Rail Baltica Tallinn terminal at Ülemiste - first 3D cadastre file in Estonia?
3D cadastre of Rail Baltica terminal?

IFC based, easy to access and use everyday?
Republic of Estonia
Ministry of Economic Affairs and Communications

Aitäh!

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