

# Digitisation and the recovery of the construction ecosystem in ESTONIA

**Kuno Peek** / Cluster Manager, Estonian Digital Construction Cluster

25.05.2021

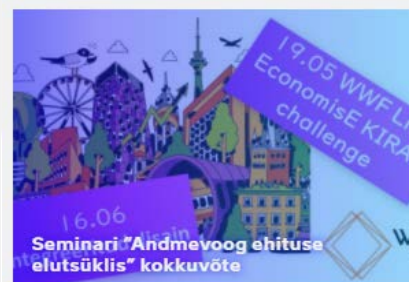
# About our cluster:

- + Founded in 08.07.2015 (5y10months)
- + Cluster has 52 members: 49 private companies ja 3 universities (EAS project has 30 members)
  - + Real estate developers
  - + Architects-engineers-consultants
  - + Builders and construction manager
  - + Software solution providers
  - + Material producers
- + Cluster work is managed by:
  - + Office team, 3 pers
  - + Management Board, 7 pers
  - + Working groups, 11 units (these are open to partners and nonmember SMEs)

# Cluster targets:

1. Connecting all participants in the building lifecycle amplifies digitisation.
2. The joint development of digital solutions provides added value.
3. Development of professional competences.
4. Boost co-operation between sector companies and research institutions.
5. Boost the international competitiveness of cluster members.

# Some of our „digital dividends“ (what we have been doing)



# How do you see the digitisation of the construction sector moving along?

- + Overall progress and speed of digitisation in Estonia is good/promising
- + Networking-sharing in international level has increased – more will to learn from others
- + Most clusters have increased their numbers of members and partners
  
- + Ministry of Economics and Communications
  - + 3D twin modelling of Estonia is moving further
  - + E-construction developer portal is moving further / more options to integrate services with original data
  - + Overall Construction Sector long view policy was agreed by government (influencing sector until 2035)
  
- + Ministry of Finance
  - + Spatial planning database-platform is about to be launched during 2021 (cluster members will have the privilege to be first public test users)
  - + Spatial planning related management system – first analysis will be made during 2021
  - + Digitalization of old spatial planning (MoF will support local municipalities to move faster)

# What is our cluster doing in this area? With whom are you collaborating?

- + **Regular meetings with ministries and other governmental and municipality organizations**  
*(they can not talk to hundreds of companies, they can talk to some organized clusters)*
- + **Regular meetings with other local clusters and Finnish clusters**
- + **Regular meetings of cluster workinggroups / main source for cluster projects-activities**
- + International webinars with friends from Finland / [www.wdbe.org](http://www.wdbe.org)
- + Advertising LEAN and IPD events for public sector players
- + Digital construction hackathon + mentoring other hackathons
- + Investigating funding options/sources



# What is needed to support the digitisation of the sector? Where do you see bottlenecks?

- + Construction companies are becoming IT companies – the sooner we all understand this, the faster the digitisation goes!
- + Covid19 lockdown has appointed the need for training in many areas  
(half sector need basic training – other half needs advanced training)
- + We still do not know where is material related data and who needs which data – we are planning to do a mapping survey
- + Slow pick-up of IPD alliance tender models
- + EU funding is too complicated (information availability and informing activities can be better)
- + More will to share/communicate

# Thank you!

Reach out to us at  
[www.estoniandcc.com](http://www.estoniandcc.com)

**Kuno Peek** / Cluster Manager, Estonian Digital Construction Cluster

25.05.2021