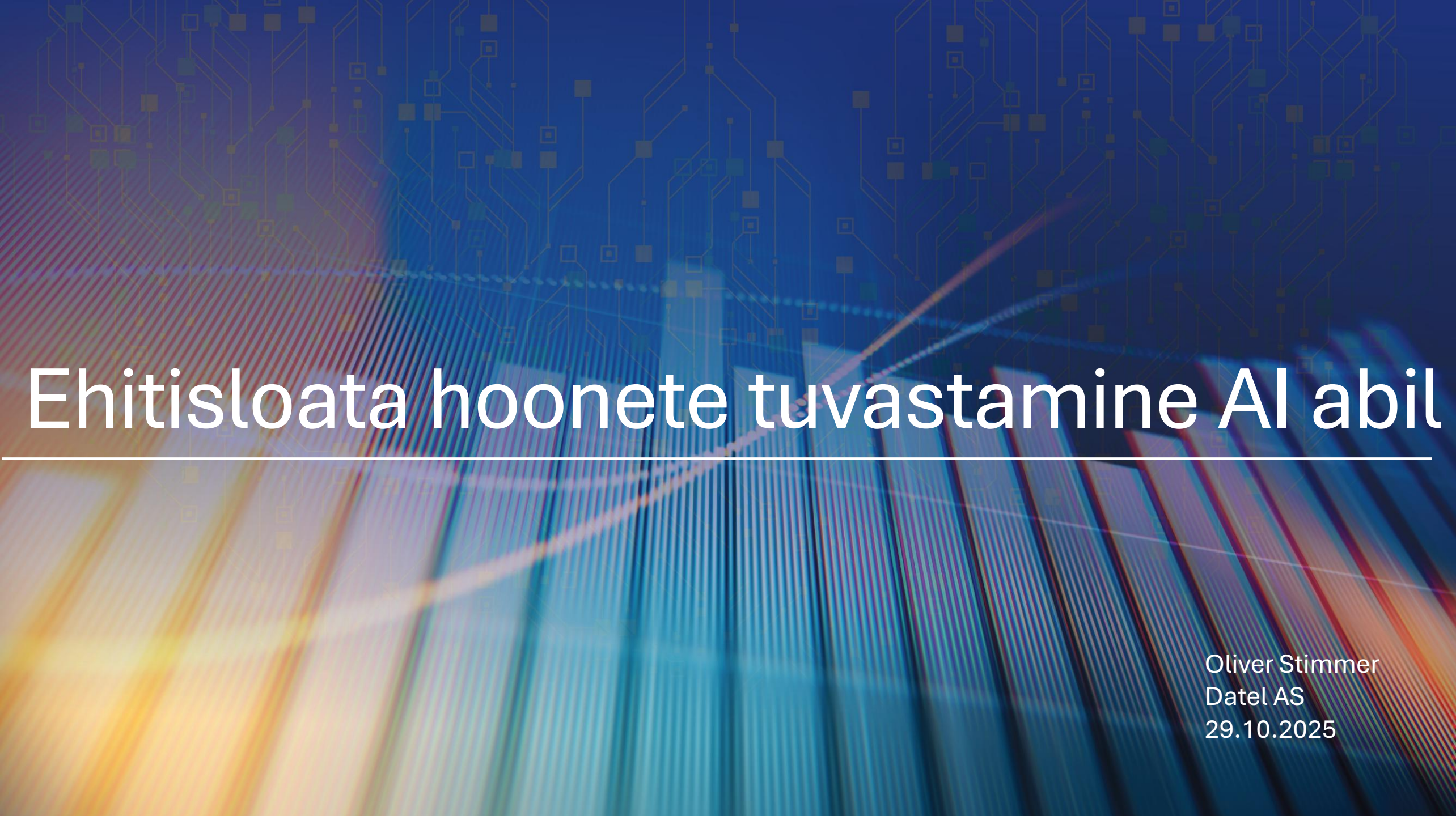




Ehitisloata hoonete tuvastamine AI abil

Oliver Stimmer
Datel AS
29.10.2025

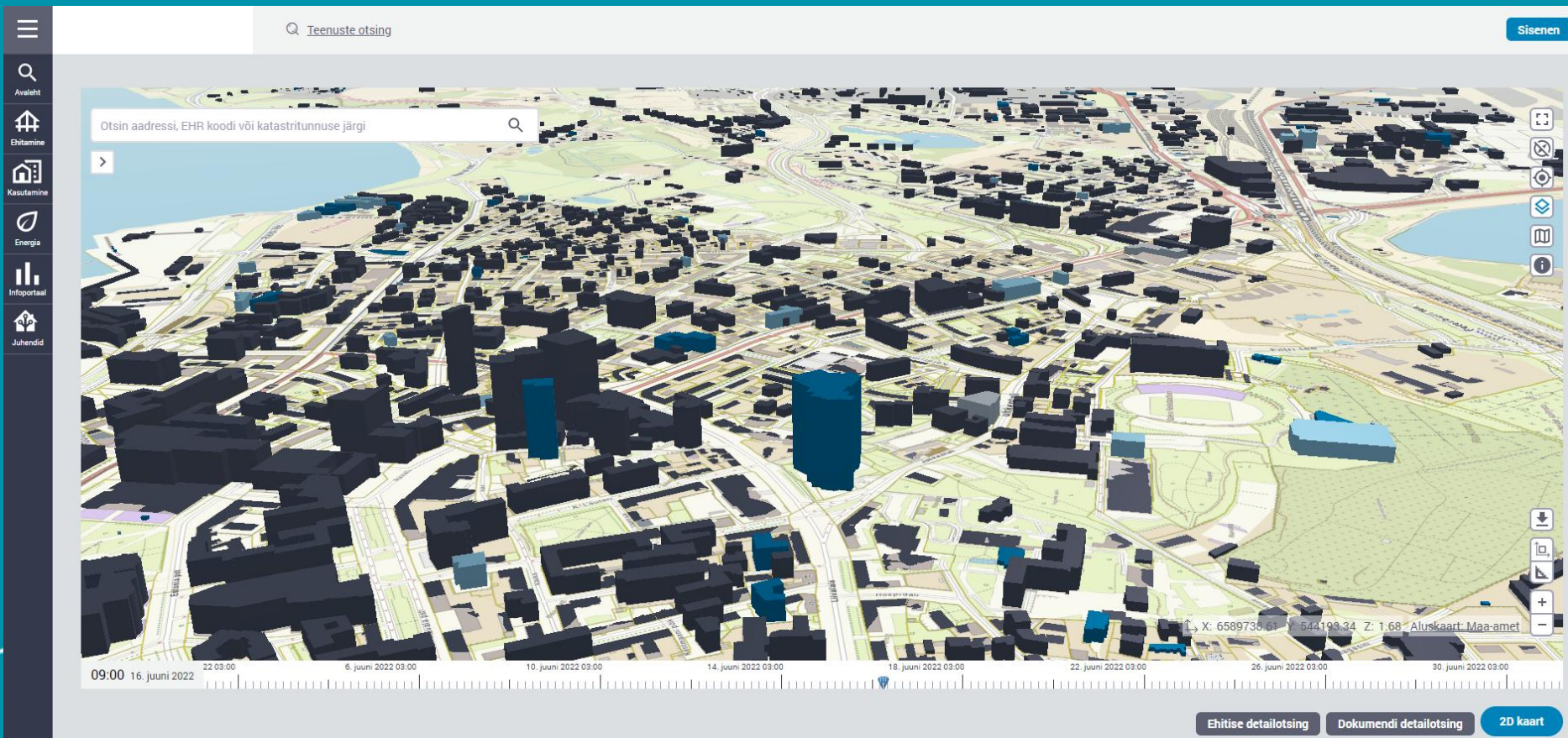
Oliver Stimmer
Head of space domain

Software company providing:

- software development services (specialized geoinformation)
 - and software products
-

Partner for fast development e-society

We have done most of Estonian core geoinformation systems



3D Twin (part of construction register)

Including:

- Cadaster management system
- Address management system
- Land registry system
- Land tax system
- Planning register

.....

Ehitisloata hoonete tuvastamine AI abil

catanova

Analüüs

eesti

Logi välja

Version: 0.0.18

Filtrid

Otsi ID, katastrikoodi või aadressi järgi

Tuvastatud pindala

0m² - 4853m²

Alates m²

Kuni m²

Puhasta filtrid

Tuvastuse kokkuvõte

Problem	Tuvastused	Filtreeritud tuvastused
Registreerimata hoone	5271	5271
Kokku	5271	5271

Maa-amet ortofoto 2024

Kaart Tabel

Registri hooned

Registriandmed: 28. MAY 2025

Tuvastatud hooned

Tuvastuste andmed: 15. MAY 2024

Peida

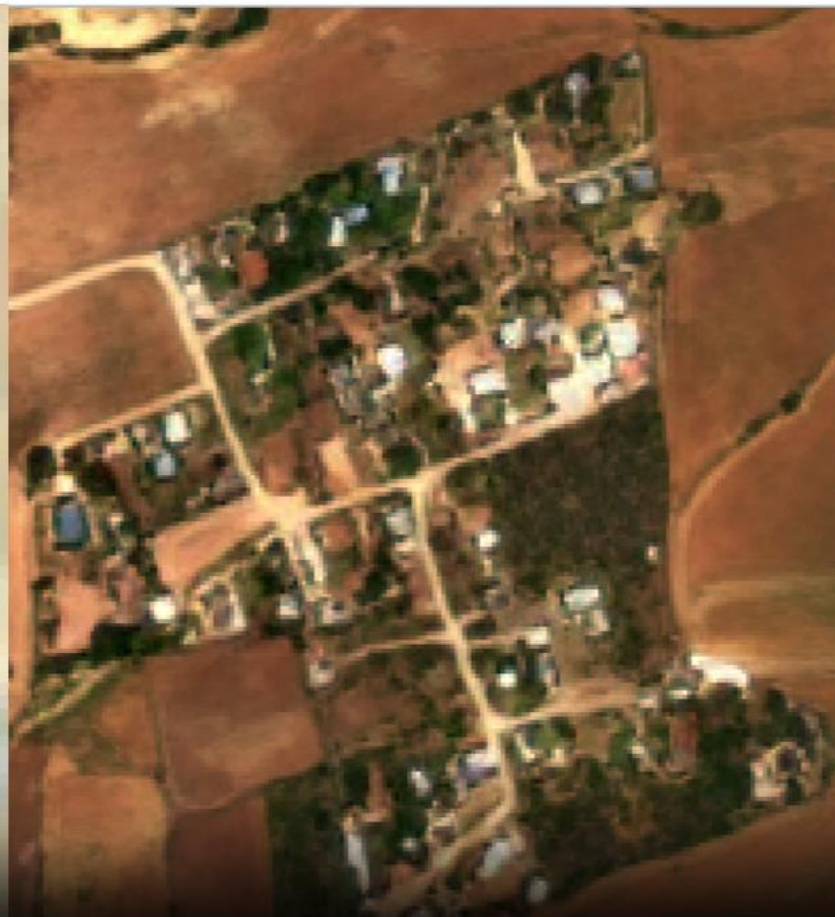
Is super resolution the future?



Senitnel 2 (S2)

Super resolution of S2

Pleiades Neo (30 cm)

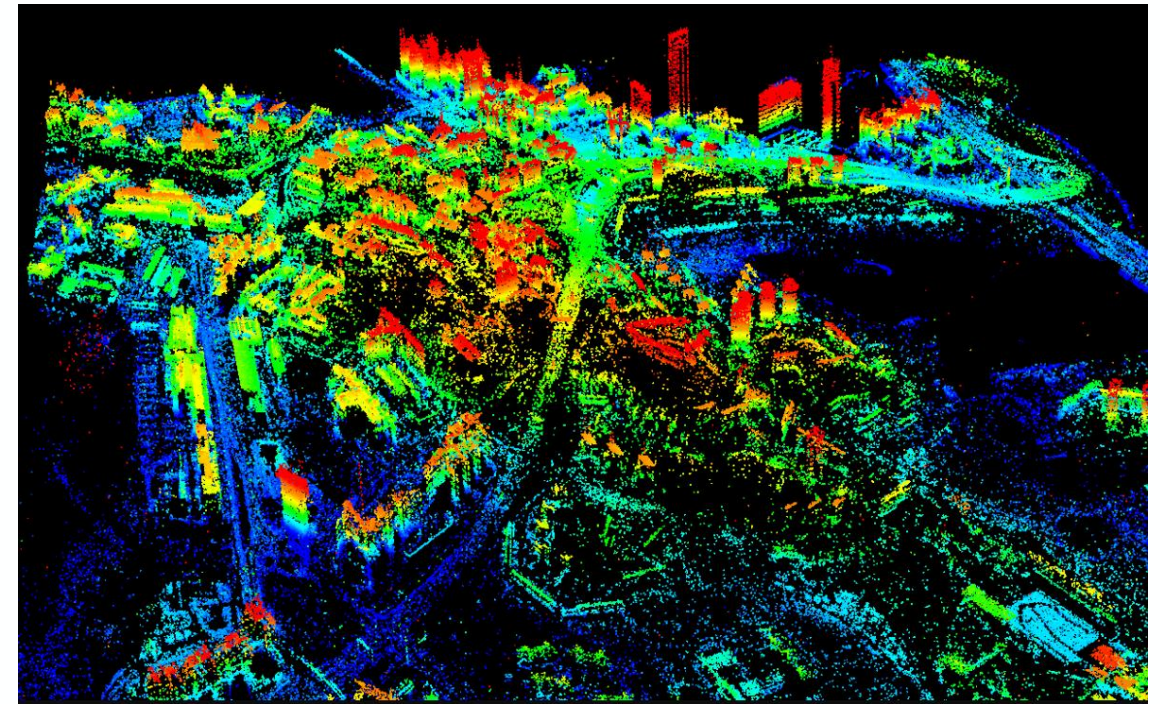


Activity Name: Locally improved DEM from high-resolution satellite data

Timeline: 07.2025 – 09.2026

Calculating a high-resolution digital surface model (DSM)

- from commercial radar satellites
- up-to-date info



https://www.iceye.com/hubfs/Blog/Espoo_PSI-Residual-Topo-Map_1920px.png

Thank you!



Oliver Stimmer
Head of space domain

www.catanova.es

www.datel.eu

Contact me:

Oliver.stimmer@datel.ee

+372 5309 9830

catanova
Powered by ▲DATEL