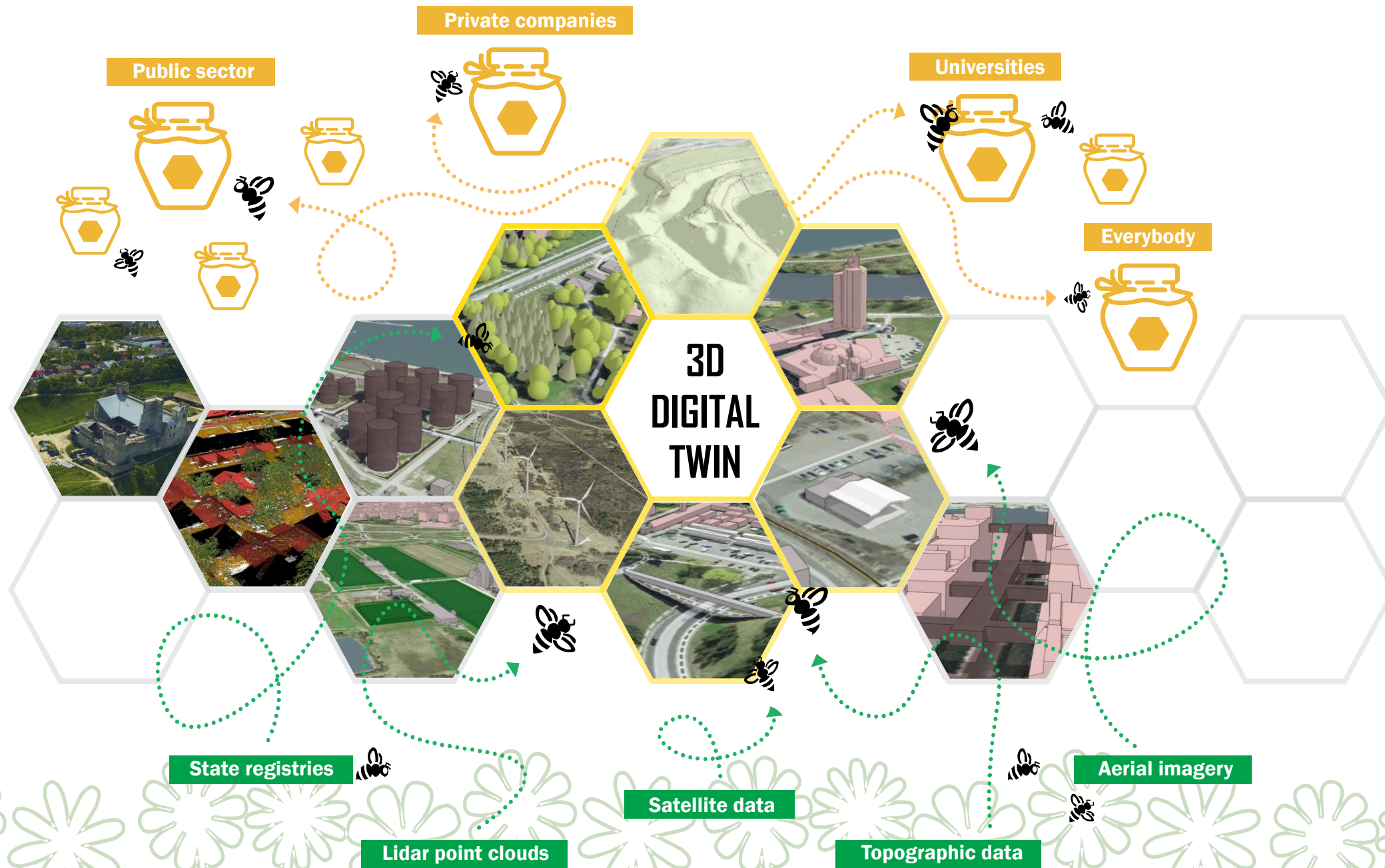


3D Data in Estonia



Hanno Kuus

21 January 2026



MAA- JA RUUMIAMET

Logi sisse EST

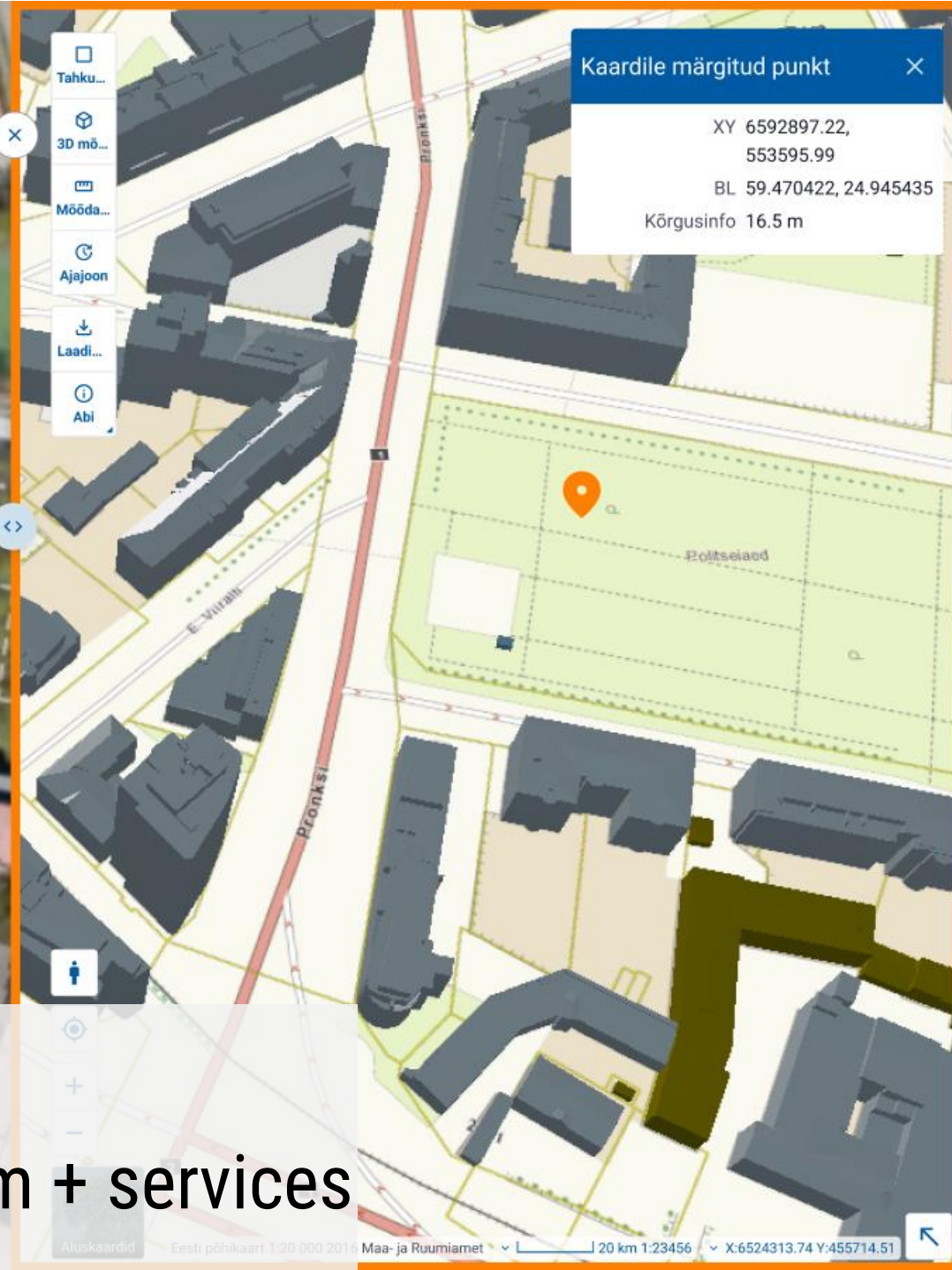
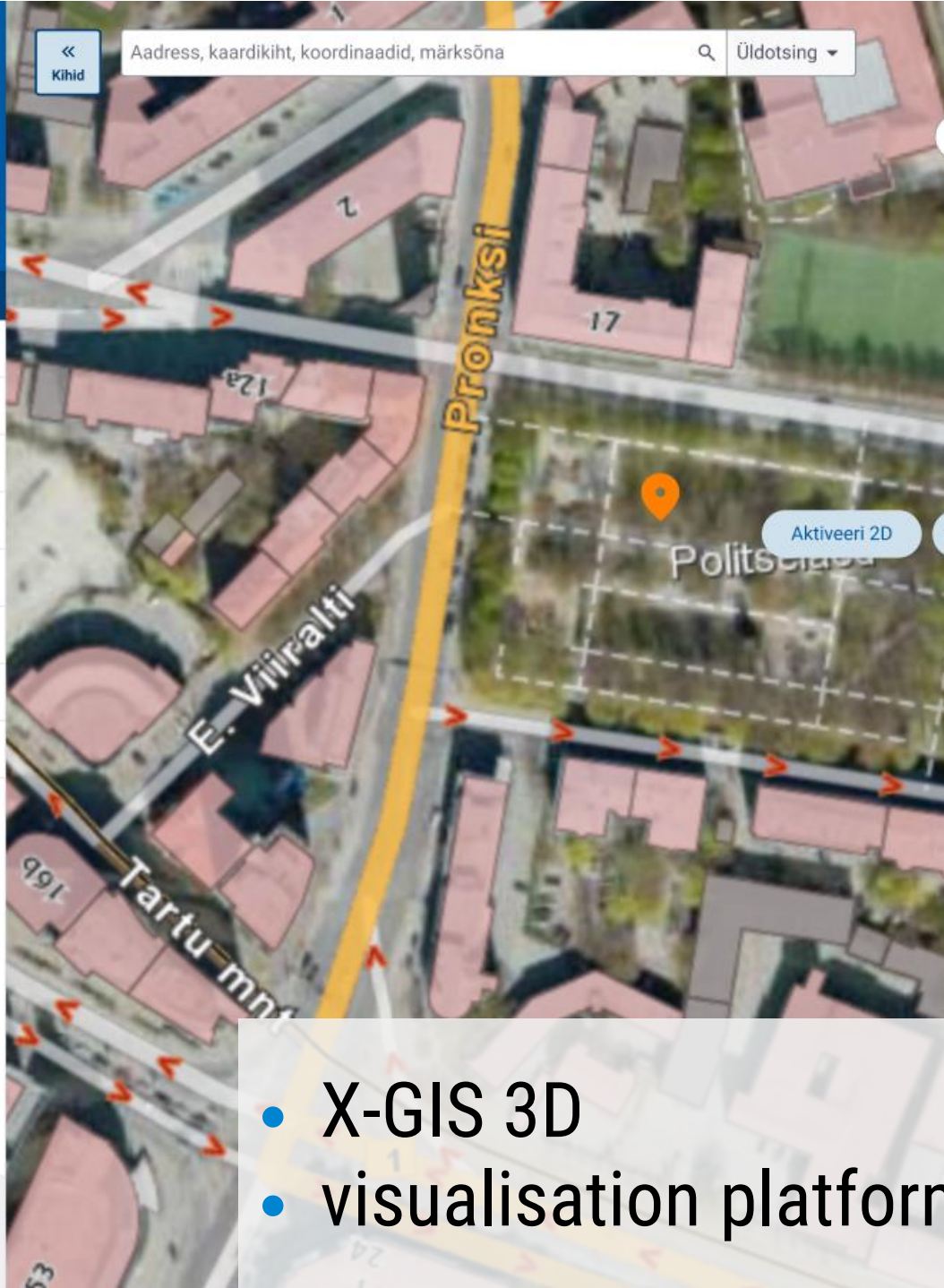
2D 3D

Maainfo

Maainfo Taasta algseis

- ☐ Katastrikaart
- ☐ Maakorralduskavad
- ☐ Hinna- ja viljakustsoonid
- ☐ Koordinaatvõrgud
- ☐ Kaardilehtede jaotus
- ☐ Kõrgusandmed
- ☐ Huvipunktid
- ☐ Haldus- ja asustuspiirid
- ☐ Eesti topograafia andmekogu

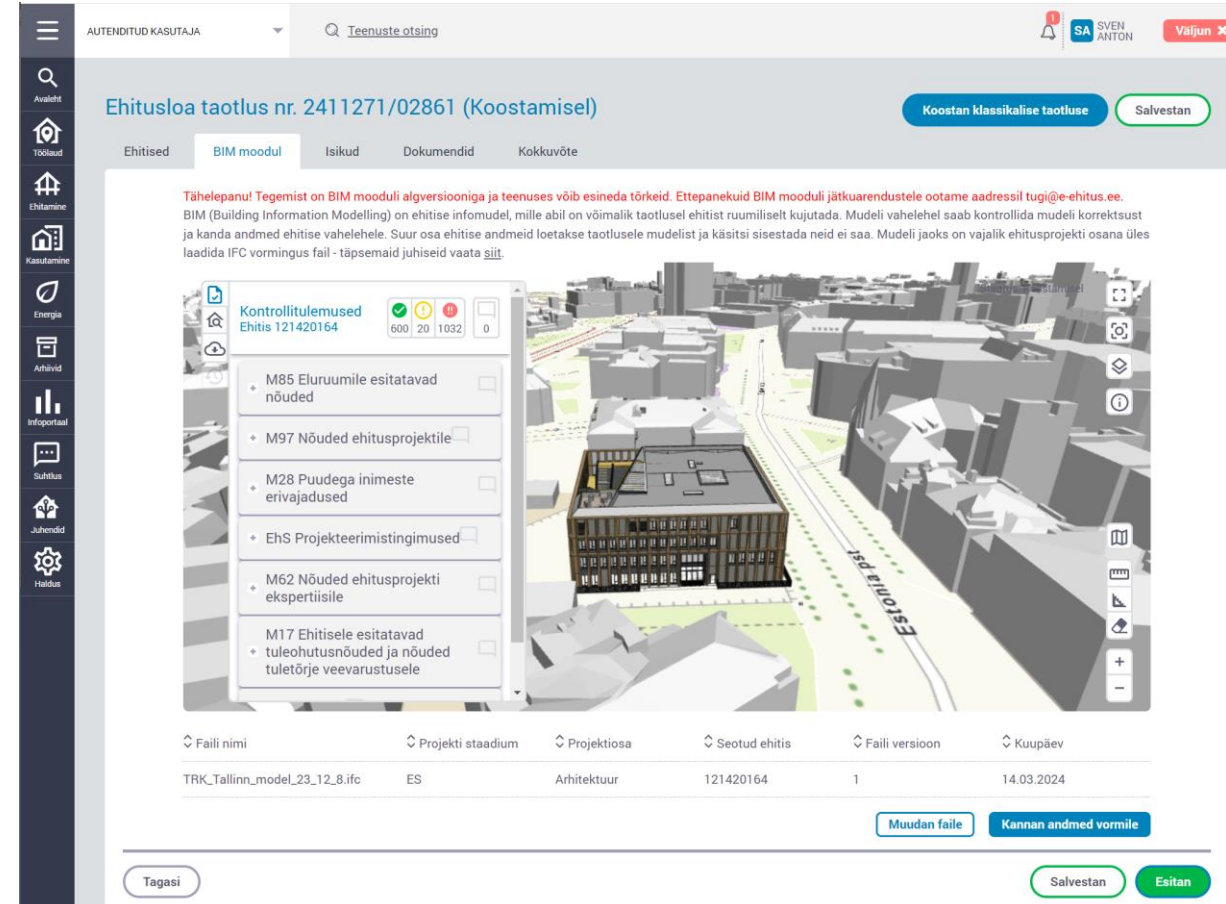
Tehniline tugi kaardirakendus@maaruum.ee
Telefon 6 650 600
Maa- ja Ruumiamet. Kõik õigused kaitstud.



- X-GIS 3D
- visualisation platform + services

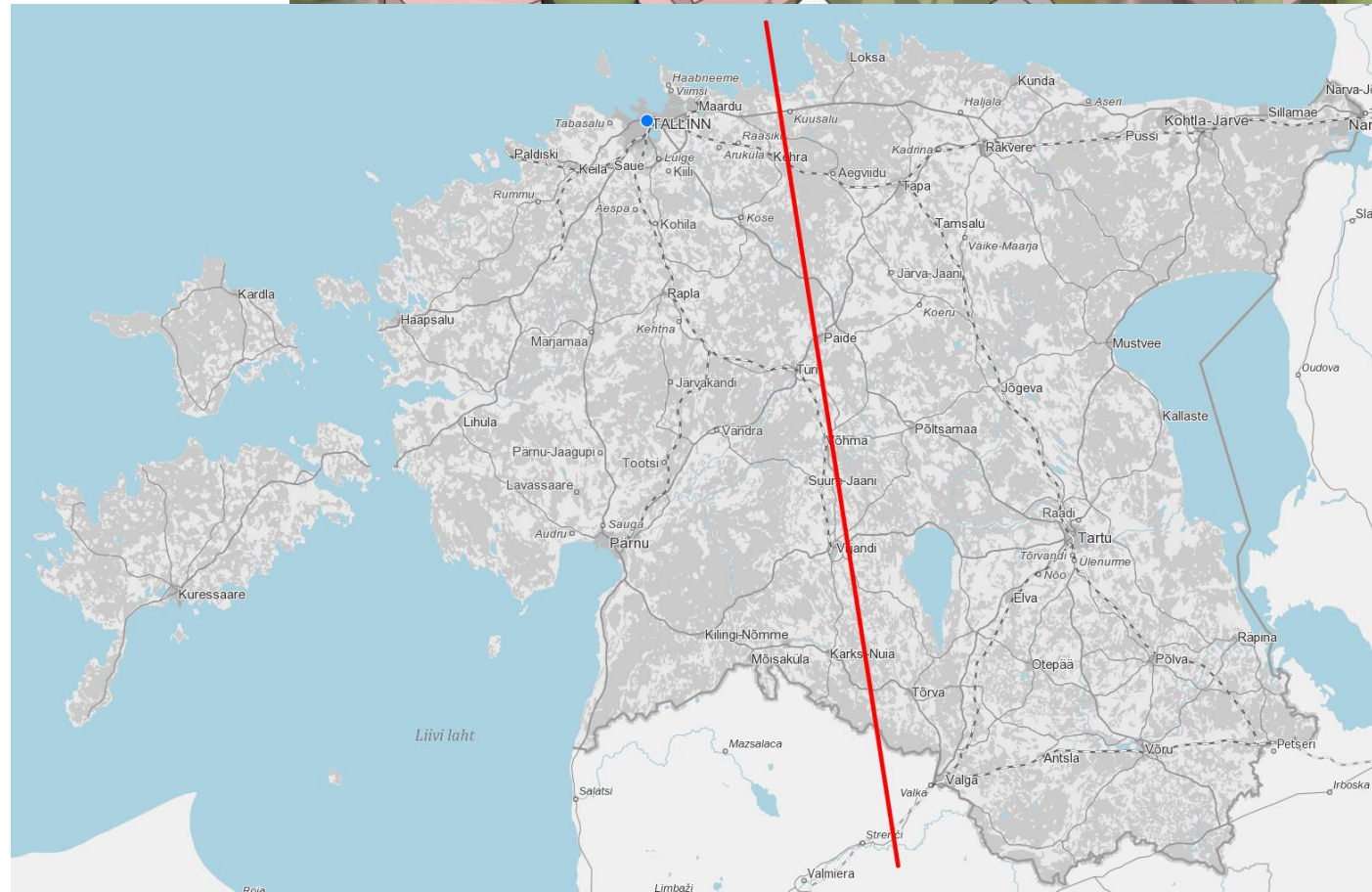
BIM based permits

- National BIM standard
- Building permits *beta*
 - model display
 - automated compliance checking
- Future
 - usage permits
 - full compliance checking
 - **including simplified BIM models in nationwide 3D datasets**



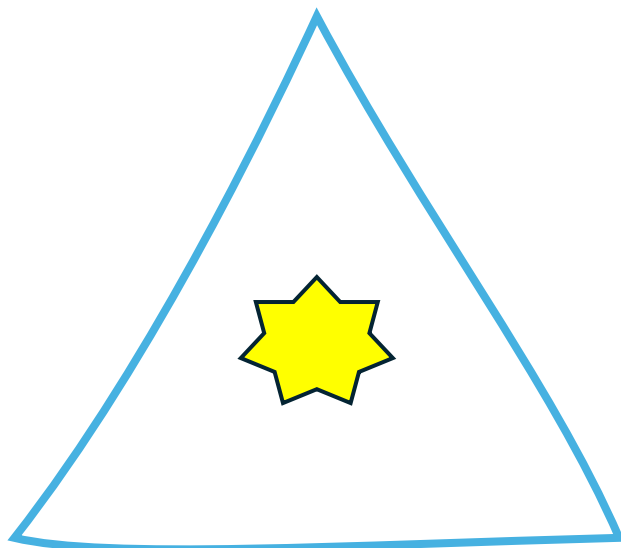
Challenges

- Data processing issues
- GNSS jamming



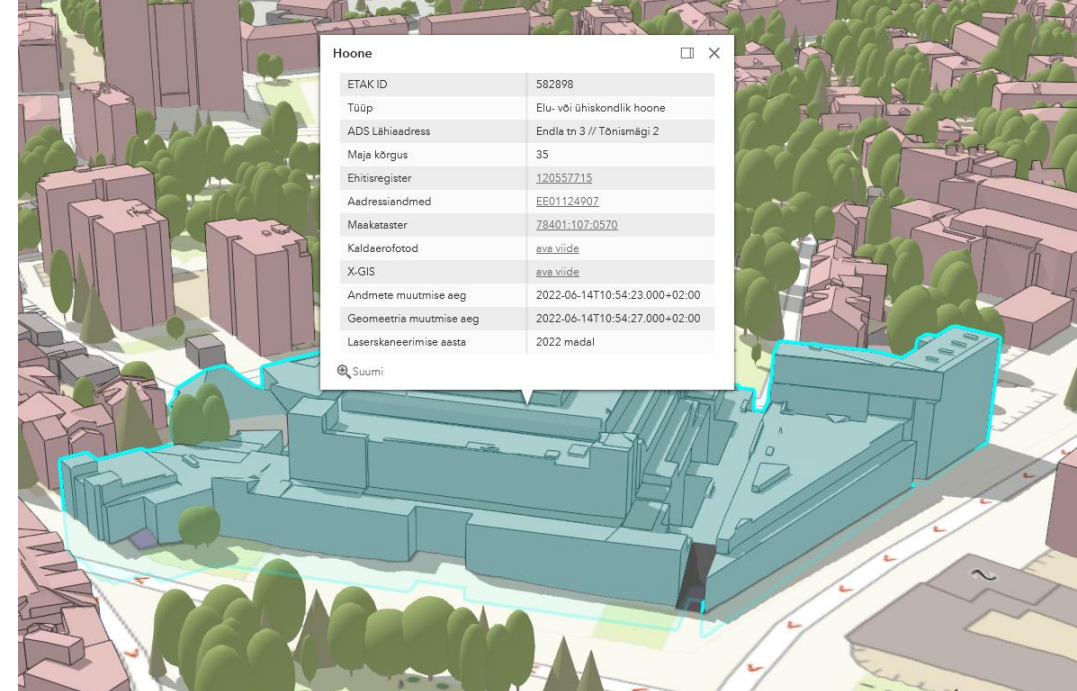
Challenges

timeliness
/everybody/



geometric accuracy
/architects/

semantics
/spatial planners/





REPUBLIC OF ESTONIA
LAND AND SPATIAL
DEVELOPMENT BOARD

Thank you!

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