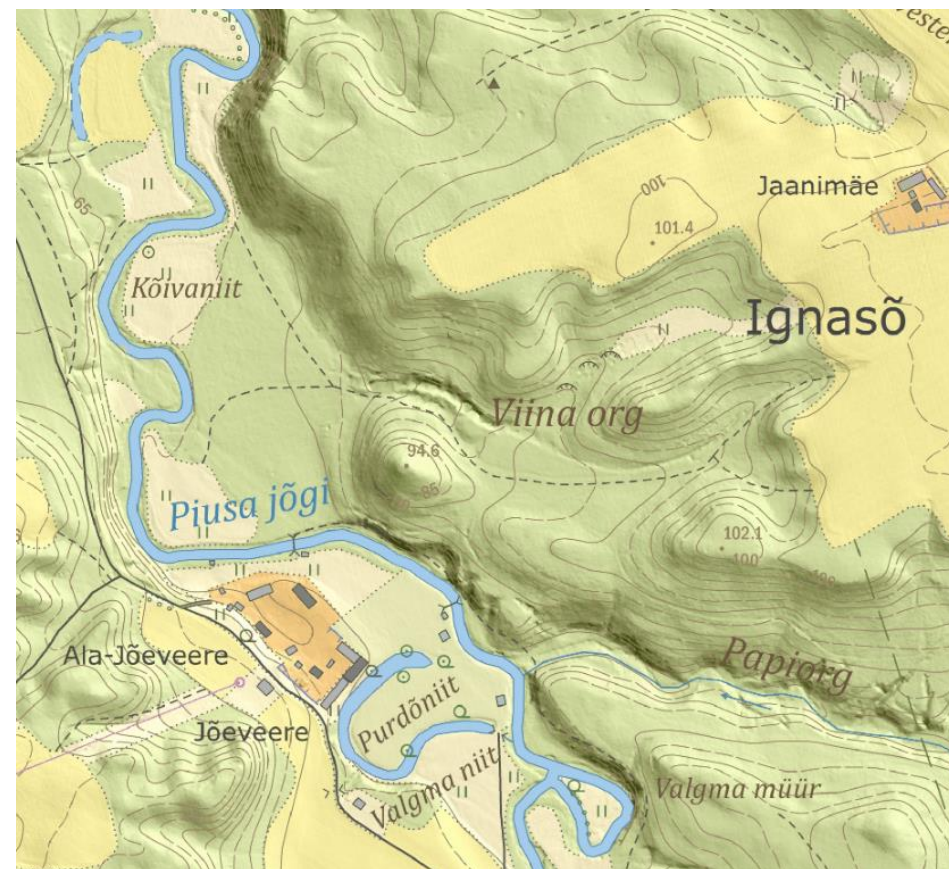# Open data & crowd sourcing

Tambet Tiits

October 07, 2019

Land Board's Open Data

❖ All data has been available to public via free view services since 2001.

❖ Some of the data has always been open data: addresses, place names, administrative boundaries.

❖ *Since 01.07.2018, all other core spatial data is open & free* incl. topographic database, imagery, ALS, cadastral data.

❖ 15 month download statistics : 1,4 million files / 24 TB, 5000 unique IP users.

https://geoportaal.maaamet.ee/opendata

Topographic database integration to cadastre

❖ From 01.01.2019, every parcel's land cover in cadastre was recalculated using the topographic database information

❖ Additionally, cadastral boundaries are being linked to topographic objects (e.g. shorelines) to take over the changes.

❖ A notation about parcel's geometrical quality was entered in the cadastral data

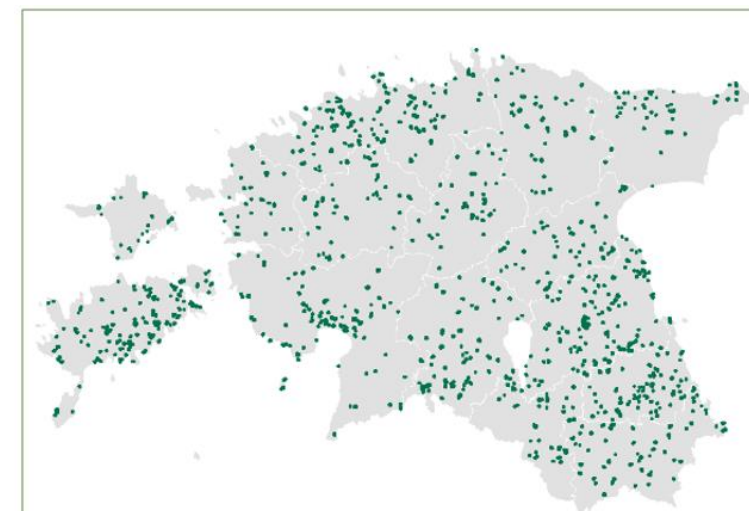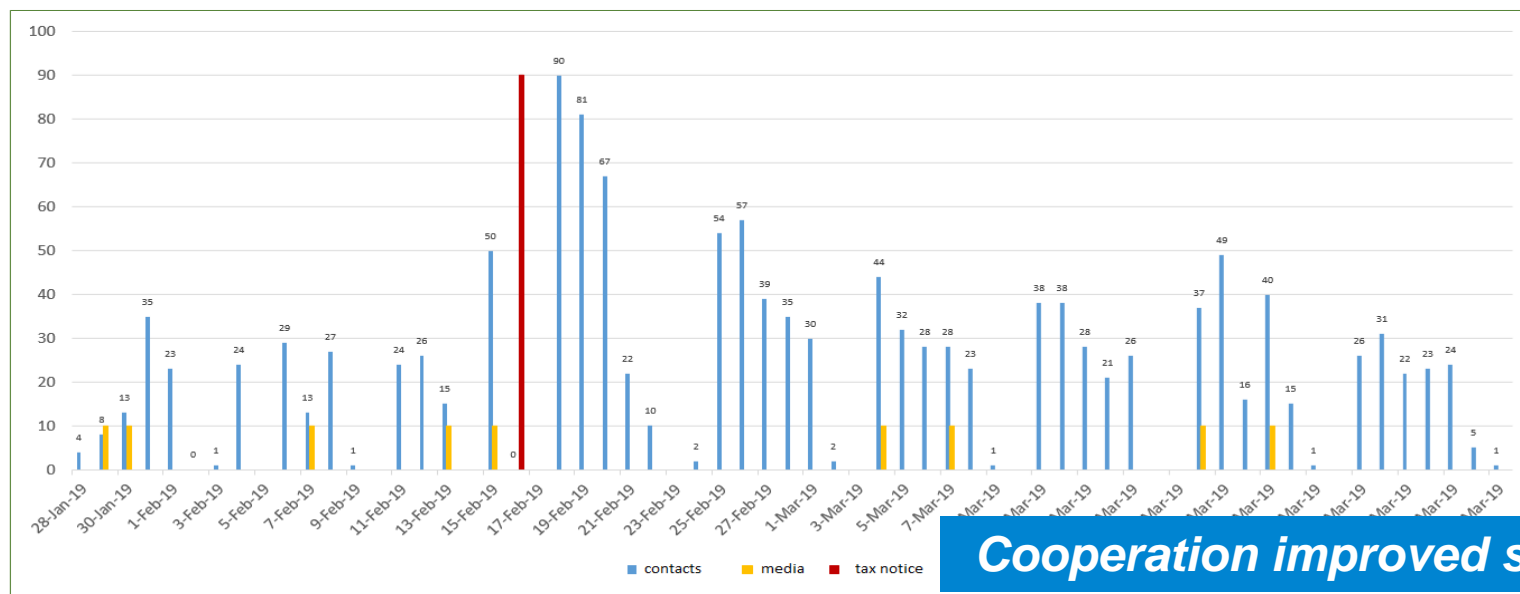❖ All that triggered a lot of feedback from the land owners.

Verification of topographic data using stereo photogrammetry

Crowdsourcing Effect

❖ Recalculated land cover changed in some cases the value of the property, which serves as basis for land tax.

❖ Land owners feedback on cadastral data necessitated updating of topographic data as fast as possible before tax notices were issued.

❖ We were contacted by owners on more than 10 000 occasions during a three-month period, and in 1500 cases the update of topographic data was appropriate.

Cooperation improved spatial data quality in both databases

REPUBLIC OF ESTONIA
LAND BOARD

Thank you!

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