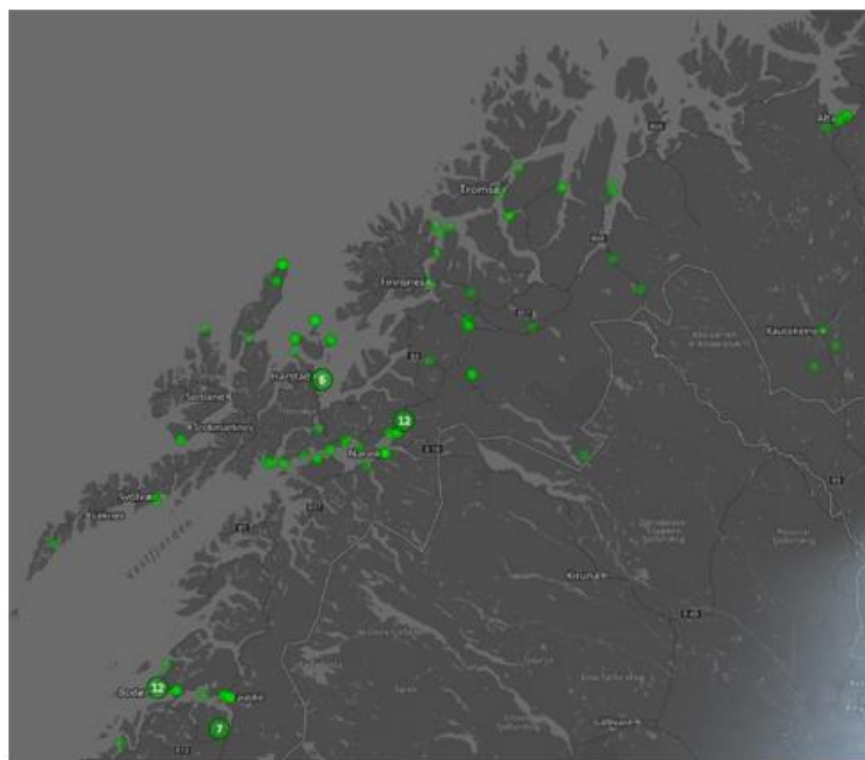


# MAPBOX

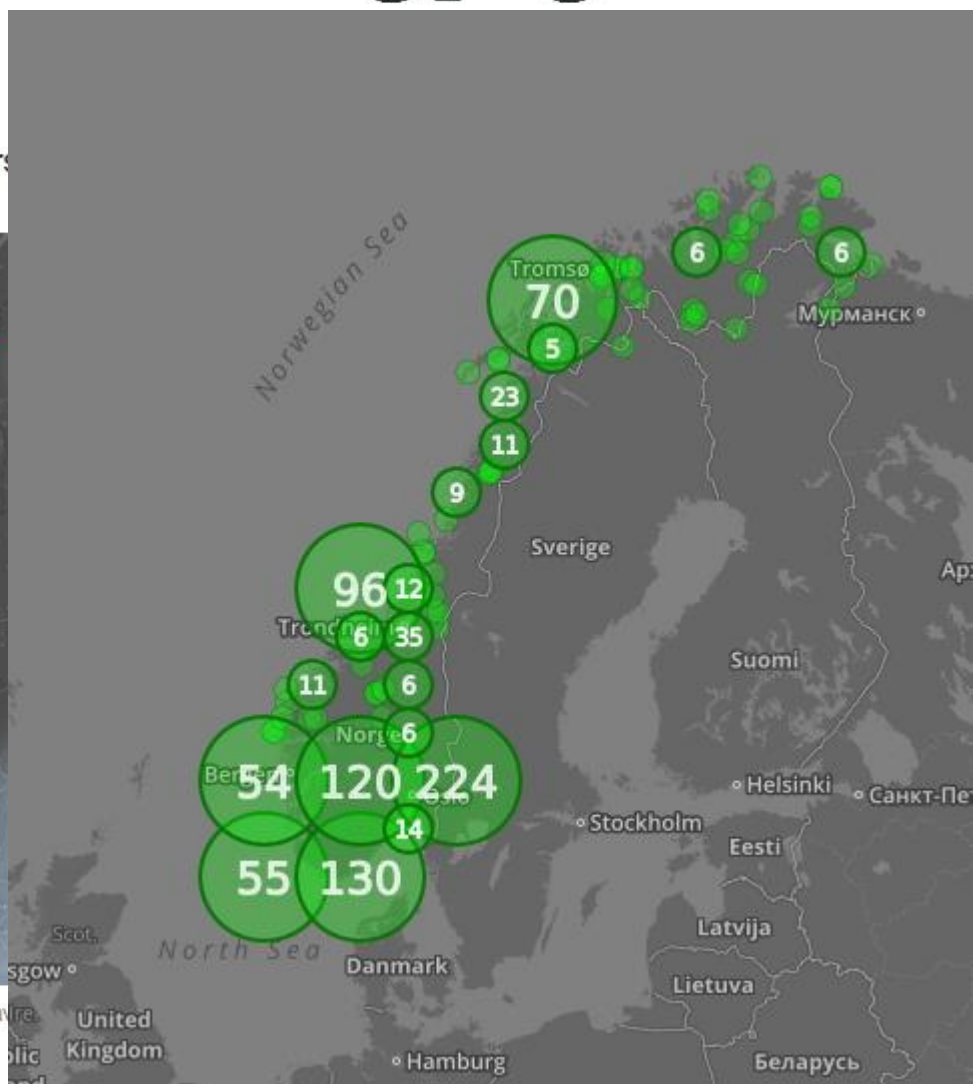
Sverre Stikbakke

# Forsvaret stanser eiendomssalg på grunn av Putins Russland

Forsvaret har solgt over 4000 eiendommer, men nå setter For



Brigader Trond Lundberg i Forsvarsstaben bekrefter at Forsvaret har stanset salg av om noe skal beholdes på grunn av den endrede sikkerhetspolitiske situasjonen. FOTO: ØVMIND BYE SKILLE / NRK



# HVA ER MAPBOX?

## Nett-tjeneste

- Tilbyr kartdata som bakgrunnskart
- Web-baserte utviklingsverktøy
- Javascript-API (men også API for Android, iPhone, m.fl.)

## Betalingstjeneste

- Abonnementsordning
  - Laveste nivå er gratis

## Laget med åpen kildekode

Se Norkarts reiserapport fra besøk hos Mapbox:

[www.norkart.no/besok-hos-mapbox/](http://www.norkart.no/besok-hos-mapbox/)

# HVORFOR MAPBOX

Enkelt å bruke – har god dokumentasjon

Ser bra ut

Mange muligheter

- Ulike bakgrunnskart
- Egne data

Javascript-API'et Mapbox GL JS bruker vector tiles

- Fleksibelt
- Raskt
- Vector tiles er en trend – brukes av Google, Norkart m.fl.

Brukes av mange store aktører

- F.eks. NRK

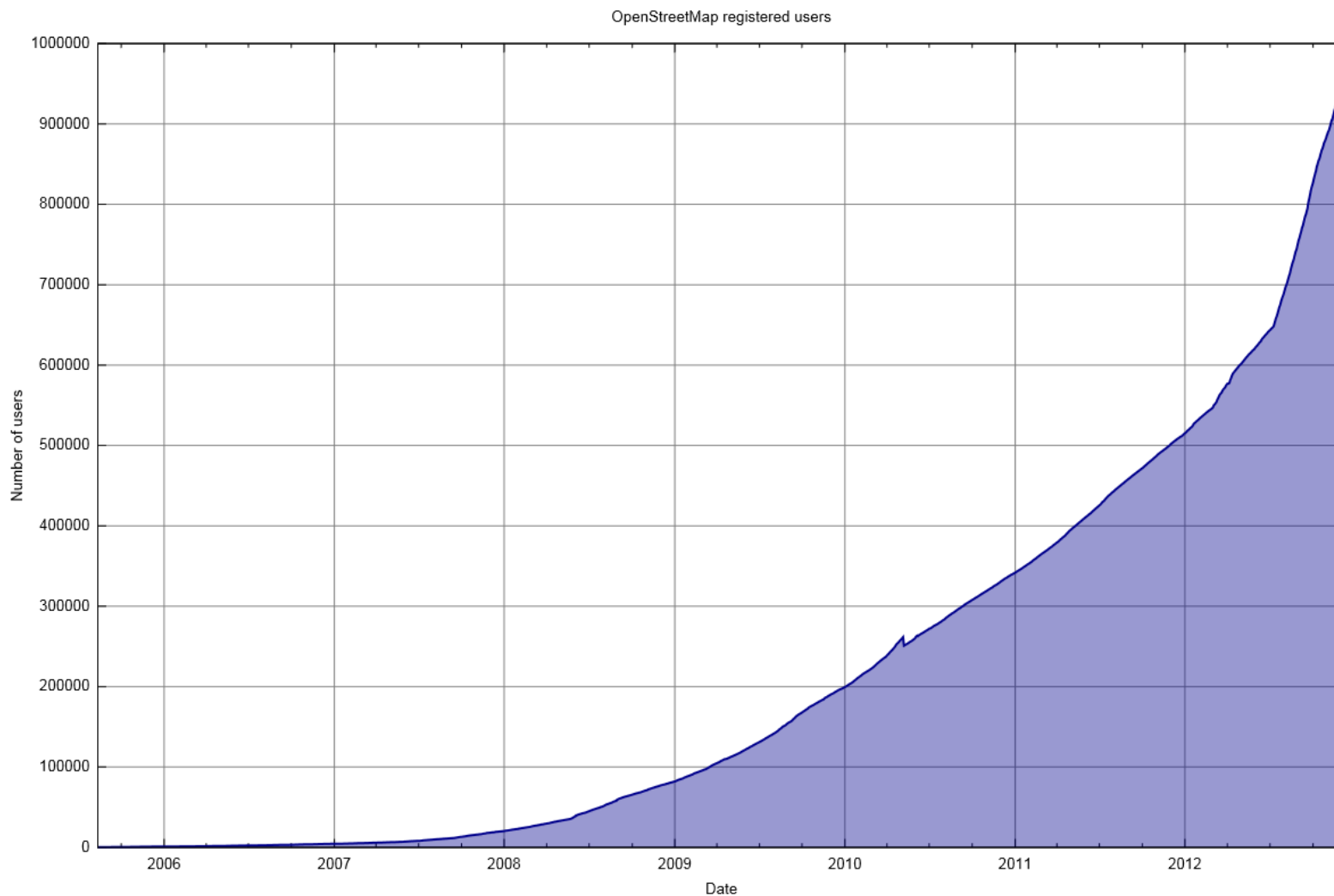
# OPEN STREET MAP



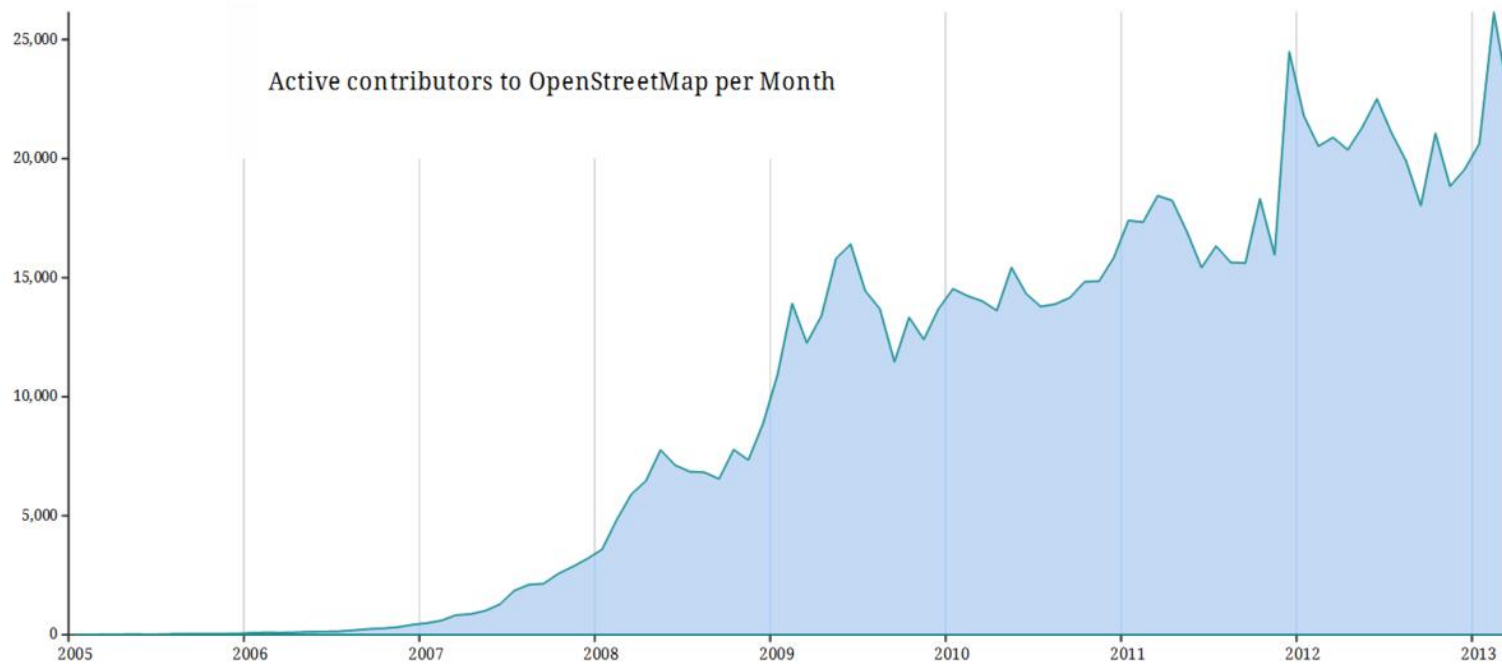
Wikipedia for kartdata

- data samlet inn av entusiaster
- fokus på data om vegnett
- Etablert av Steve Coast i 2004
- topologisk datastruktur
- brukes av flere store selskaper/tjenester
- 2 197 057 brukere pr. 28.07.2015

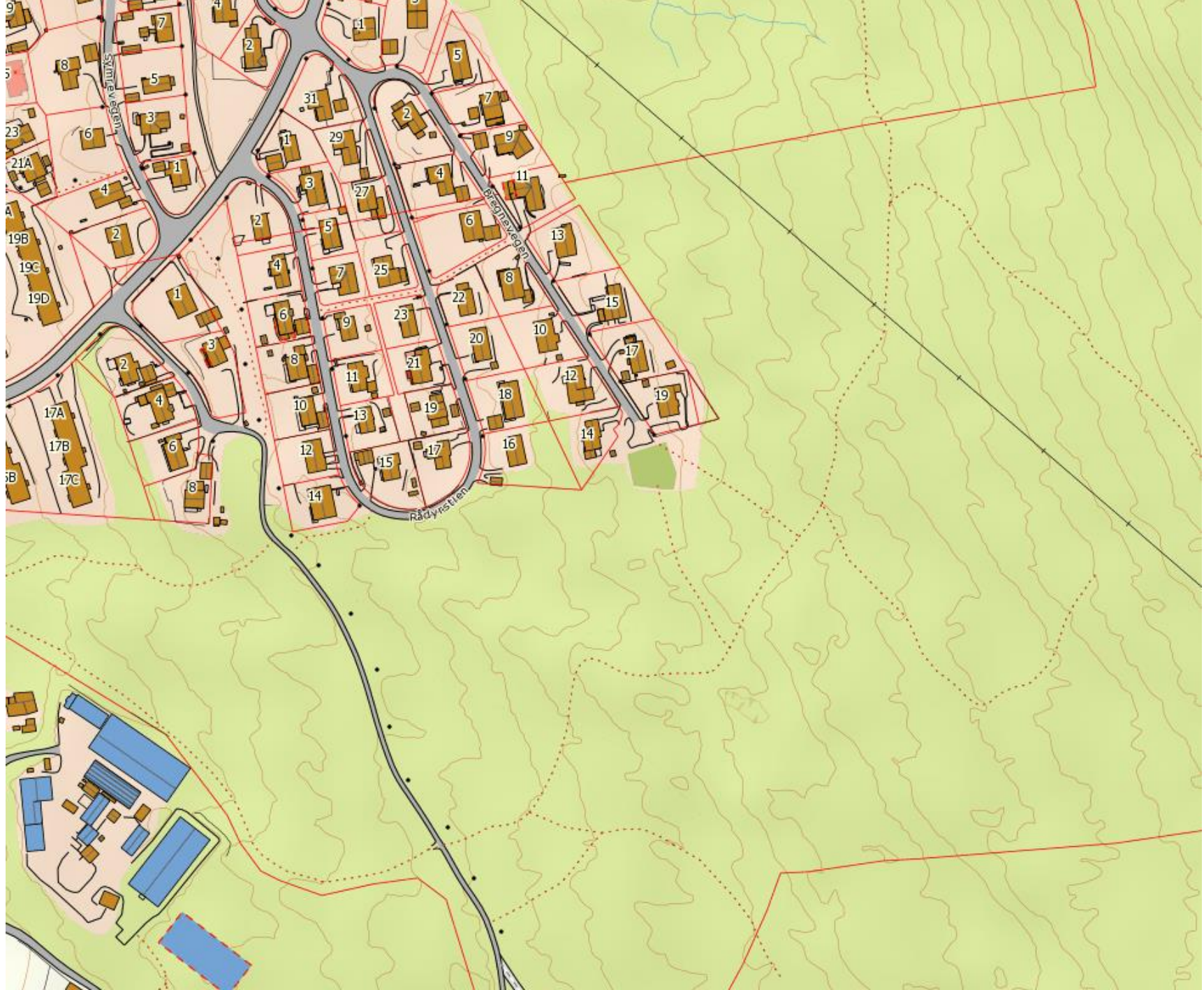
# REGISTRERTE OSM BRUKERE



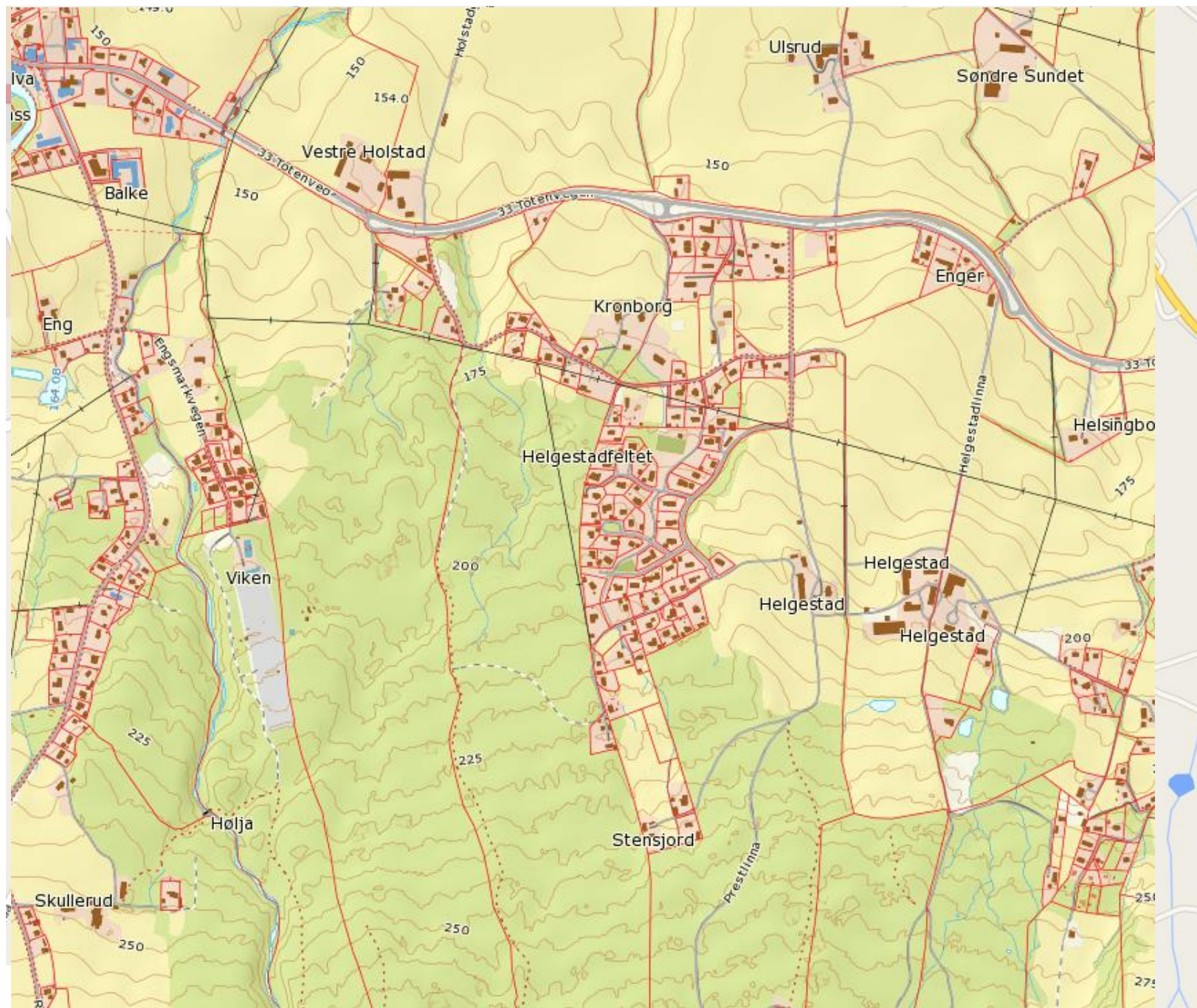
# AKTIVE BRUKERE















# Natural Earth

Free vector and raster map data at  
1:10m, 1:50m, and 1:110m scales

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Natural Earth 1 with Shaded Relief and Water

Natural Earth is a public domain map dataset available at 1:10m, 1:50m, and 1:110 million scales. Featuring tightly integrated vector and raster data, with Natural Earth you can make a variety of visually pleasing, well-crafted maps with cartography or GIS software.

Natural Earth was built through a collaboration of many [volunteers](#) and is supported by [NACIS](#) (North American Cartographic Information Society), and is free for use in any type of project (see our [Terms of Use](#) page for more information).

[Get the Data](#)

## Mapbox Satellite

Mapbox Satellite offers highly detailed imagery of the entire world. From tasking satellites to flying planes to controlling drones, we source, process, and color-correct millions of images. We're creating the best-looking, most accurate, and most up-to-date satellite imagery available anywhere. And it's really fast.



### Cloudless Atlas

The perfect summer day at the highest resolution for the entire world.



### Satellite Live

Processing pixel-by-pixel via our scalable cloud-based imagery pipeline.



### NASA, DigitalGlobe, USGS

Our imagery is sourced from the leading open and largest commercial providers.

# EGNE DATA

Shapefiles

GeoJSON

geographic SQLite databases

PostGIS databases

GeoTIFFs

VRTs (GDAL Virtual Raster Tiles)

KML

GPX (GPS Exchange Format)

CSV (Comma-Separated Value) files containing latitude and longitude fields.