



National Report of Sweden

– geodetic activities at Lantmäteriet

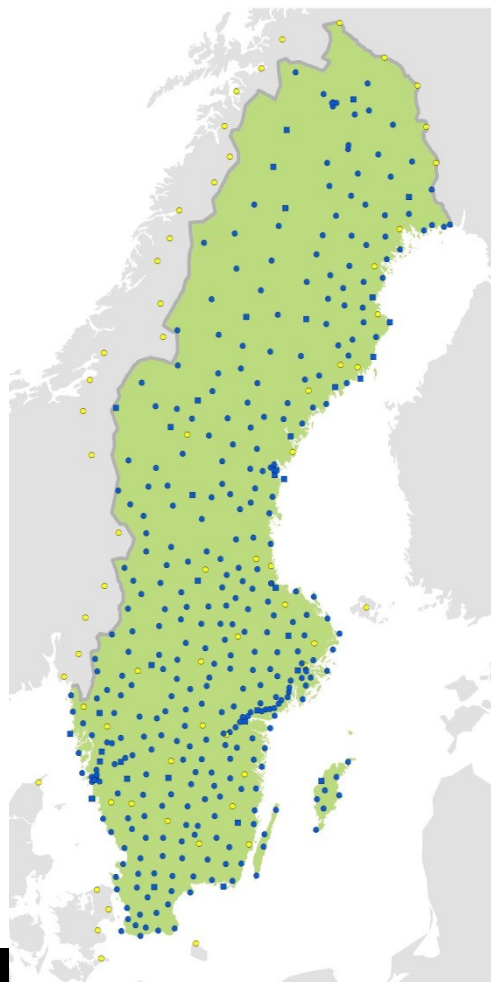
the Swedish mapping, cadastral
and land registration authority

EUREF 2016 Symposium
San Sebastian, May 25th–27th 2016

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Wiklund, Christina Kempe, Jonas Ågren, Andreas Engfeldt,
Holger Steffen**
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SWEPOS



370 SWEPOS + 36 Nordic + 30 Trimble = 436
27 FPN stations



SWEPOS



2960 subscribers of
the RTK-service

DGNSS – open data



■ Förtätat nät
■ Pågående förtätning

LANTMÄTERIET





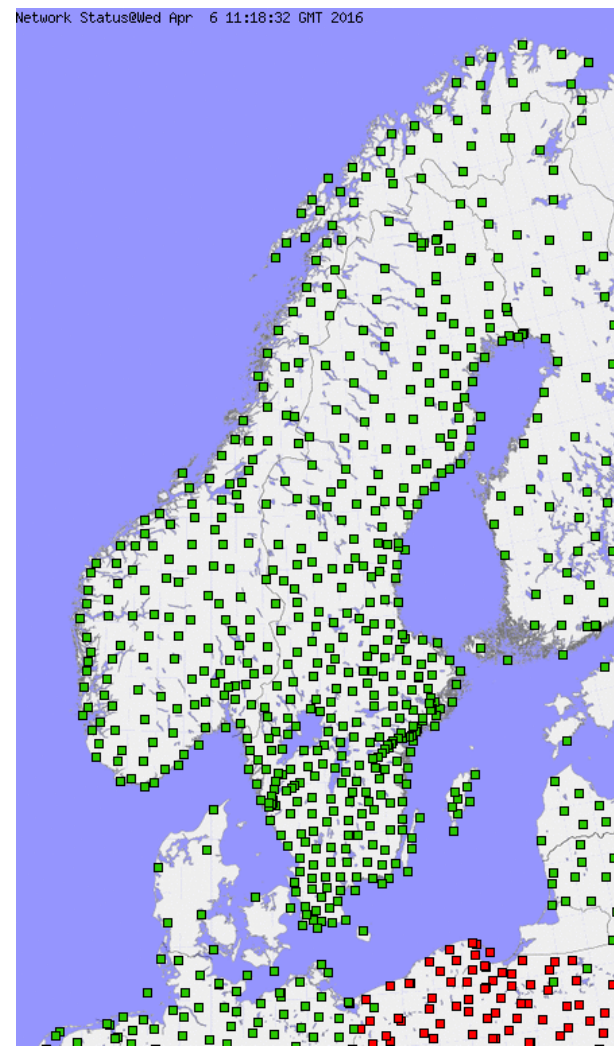
GNSS Analysis

NKG EPN AC

NKG GNSS AC

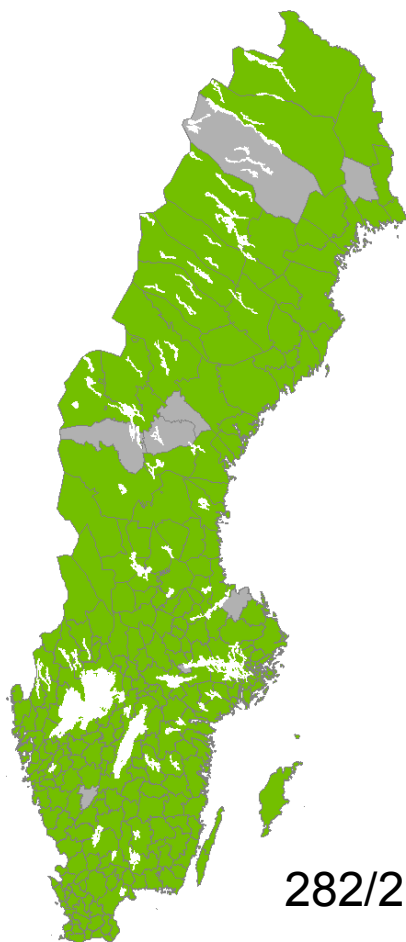
E-GVAP

SWEPOS

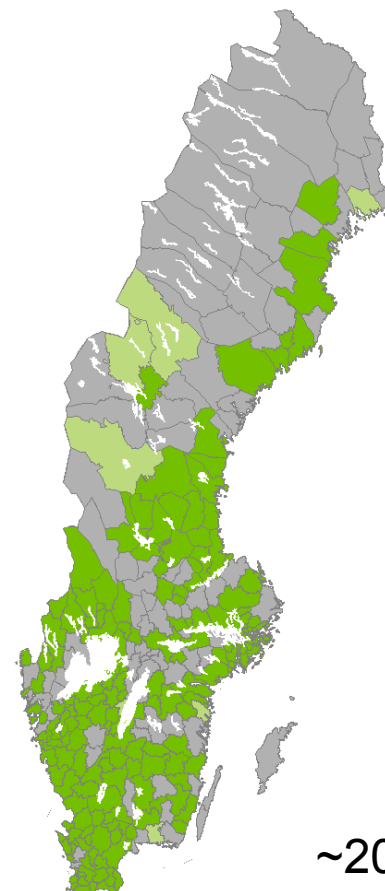




Implementation of SWEREF 99 and RH 2000



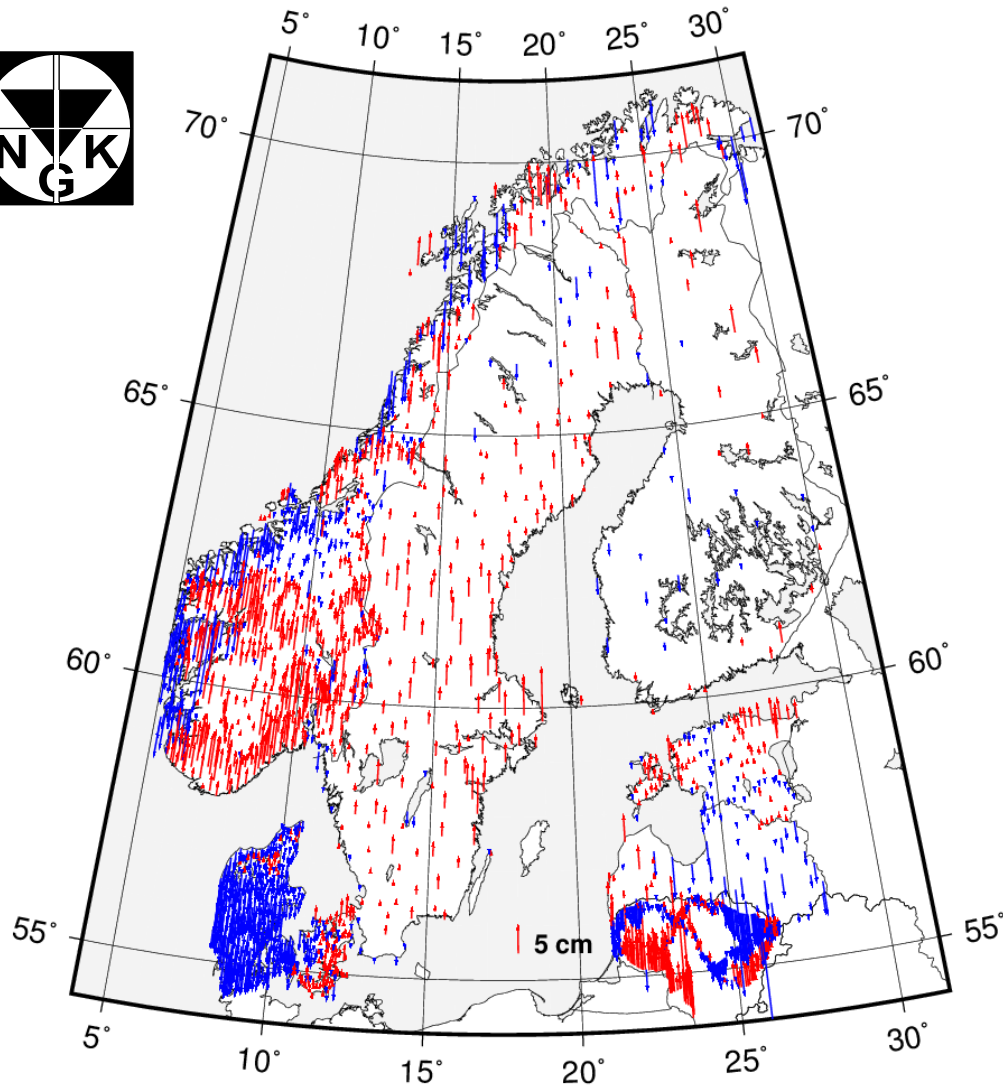
282/290



~200/290



The NKG2015 geoid model

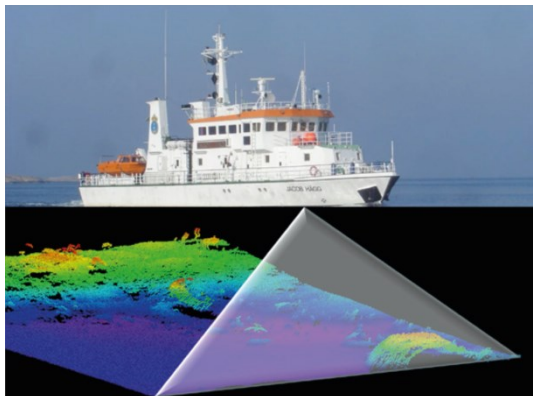


- Nordic/Baltic cooperation within NKG
- 5 computation centres
- Basis for new Swedish geoid SWEN16_RH2000





FAMOS



Example of a marine gravimeter:
LC&R S-meter

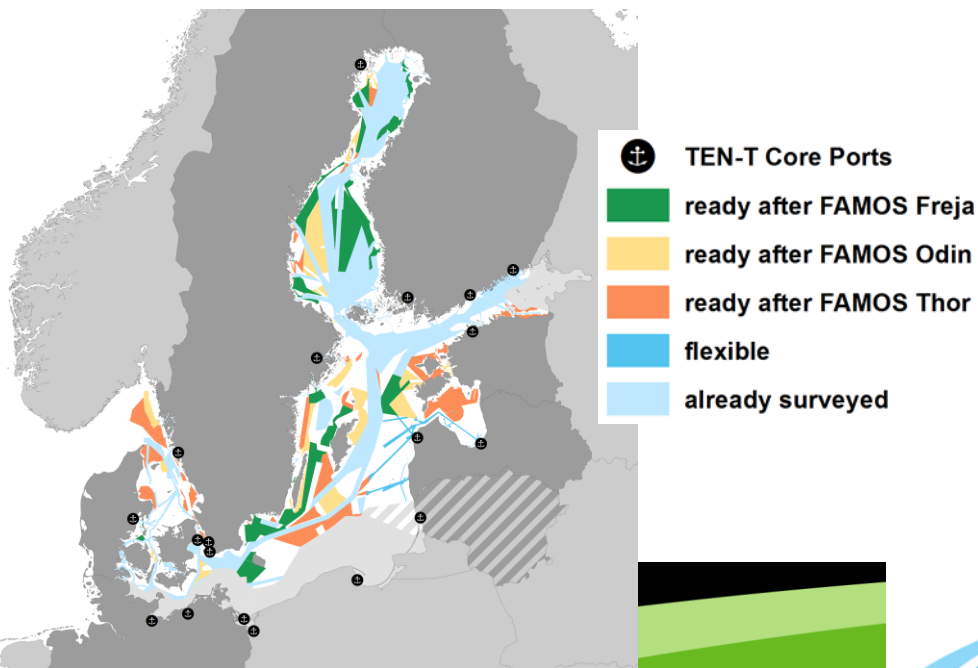


Increase the safety in the
Baltic Sea

Improved geoid and gravity
measurements for the Baltic
Sea

EVRS as unified chart datum

Testing of different GNSS
realtime navigation methods





New gravity network/system – RG2000





Geodynamics



New BIFROST solution

NKG 2016LU

EGSIEM



NKG Summer school 2016

29th August – 1st September 2016

Hotel Skansen, Båstad, Sweden

www.lantmateriet.se/nkg2016

