

LANTMÄTERIET AND INTERNATIONAL ACTIVITIES – A SNAPSHOT

MIKAEL LILJE

HEAD OF LANTMÄTERIETS INTERNATIONELLA DEPARTEMENT

Lantmäteriet has a long tradition with active international cooperation

We have been seen as a strong partner in many various areas. We have taken several leading roles in Land Administration, Geodesy, Cartographic and more

We also work closely with other governmental agencies as Statistics, Tax Authority.

The International Department was established in 2019 to support the coordination and strengthening of our international activities regarding

- developing aid projects
- other international engagements



Based on the instruction from the government, the international cooperation is defined in annually updated internal decision describing

- The responsibilities and role for our DG and Management Board
- The responsibilities and role for other parts of Lantmäteriet
- Which international organizations we should focus on and why

Currently, our DG should focus on

- UN-GGIM (United Nations Initiative on Global Geospatial Information Management) and UN-GGIM:Europe
- Inspire (Infrastructure for Spatial Information in Europe)
- Nordic cooperation
- EuroGeographics
- Arctic SDI (Spatial Data Infrastructure)
- PCC



UNITED NATIONS COMMITTEE OF EXPERTS ON GLOBAL GEOSPATIAL INFORMATION MANAGEMENT (UN-GGIM)

Sweden has been very active since the initiation of UN-GGIM

Coordinated from New York, belongs to ECOSOC and Statistical Division.

Main focus on frameworks and especially IGIF – Integrated Geospatial Information Framework, a self-estimating tool for member states regarding the national geospatial information management.

Bengt Kjellson was co-chair of UN-GGIM as well as Chair of UN-GGIM:Europe. Susanne Ås Sivborg is member of ExCom of UN-GGIM:Europe

Lantmäteriet (and Statistics Sweden) has chaired or co-chaired several working group

Currently Lantmäteriet is co-chair of Working Group on Strengthen Capacity Development (HLG on IGIF)



INFRASTRUCTURE FOR SPATIAL INFORMATION IN EUROPE - INSPIRE

Lantmäteriet responsible for the national coordination and contact point to EU-commission

In total, 24 authorities involved.



EUROGEOGRAPHICS

Lantmäteriet is currently focusing on

- General Assembly
- Knowledge Exchange Network, e.g. Cadastre Ken and the relationship with PCC



NORDIC COOPERATION

The Nordic countries have a long tradition of cooperation.

A good example is the Nordic Commission on Geodesy that started in 1953 but actually started already as the Baltic Commission on Geodesy from 1924

Participating countries are; Sweden, Norway, Finland, Denmark, Iceland, the Faroe Islands and Greenland (7 "countries, 9 institutions) with the Baltic countries active in NKG

Number of "working groups" focusing on thematic areas as cadastre, land mapping, IT & Development, Geodesy and more

Joint strategic discussion among General Directors and others



ARCTIC – SDI

<https://arctic-sdi.org/>



The Arctic SDI is a collaborative partner-based effort of the National Mapping Agencies in Canada, Denmark, Finland, Iceland, Norway, Russia, Sweden and USA

- to lead and guide the development of an *Arctic Spatial Data Infrastructure* and
- to provide open access to a coherent and authoritative Arctic reference map and thematic Arctic data through the publication of selected data from their respective holdings and from other sources

High focus of course on Climate change. Number of services are available on-line

STRUVE GEODETIC ARC

Chain of survey triangulations

10 countries; Norway, Sweden, Finland, Russia, Estonia, Latvia, Lithuania, Belarus, Moldova and Ukraine

Lantmäteriet acts as the formal site manager in Sweden

Currently, Sweden and Lantmäteriet is the chair of the international committee

https://www.fig.net/organisation/perm/hsm/history_of/measurements/struve.asp

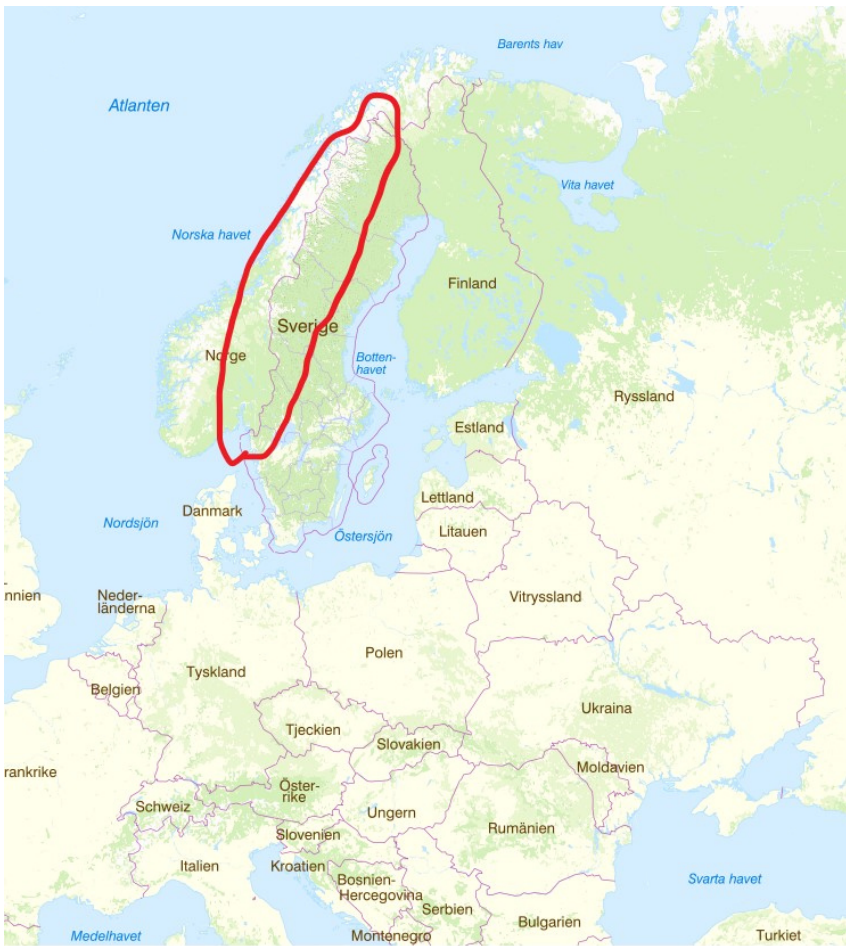


FOUR SWEDISH WORLD HERITAGE POINTS, LOCATED ALONG THE TORNE VALLEY



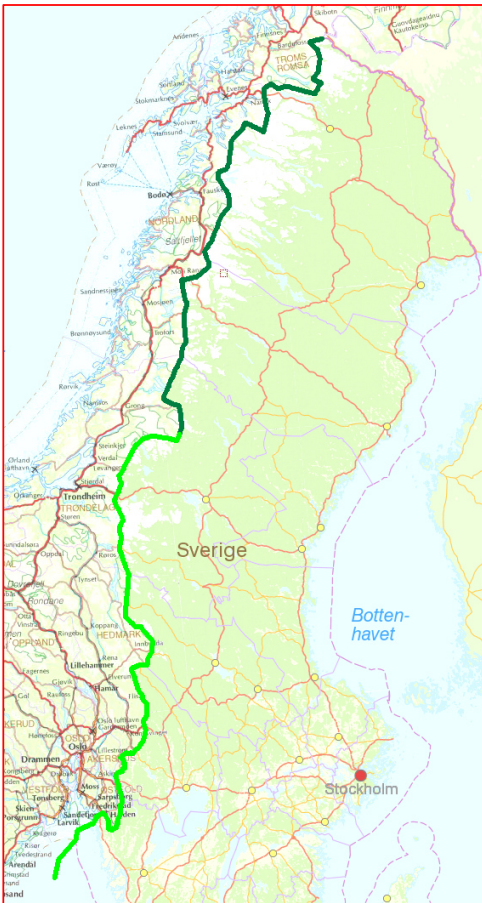
- **Tynnyrilaki**
 - Kiruna Municipality
- **Jupukka**
 - Pajala Municipality
- **Pullinki**
 - Övertorneå Municipality
- **Perävaara**
 - City of Haparanda

SWEDEN – NORWAY BOUNDARY ONGOING REVIEW



- The national boundary on land between Sweden and Norway has a long history and is the longest in Europe
 - Approximately 1620 km long
- Accurately demarked 1752–1766 with 293 markers, mainly stone cairns
 - Today 642 markers
- 170 km of the boundary is defined in lakes or follows small rivers

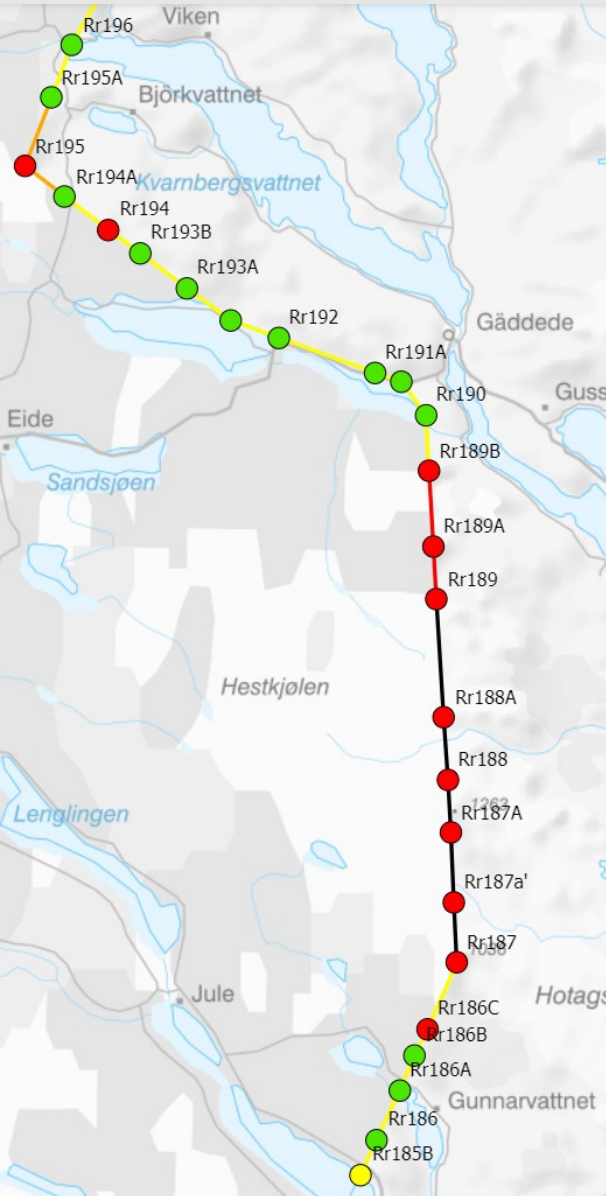
SWEDEN – NORWAY BOUNDARY ONGOING REVIEW



- Ongoing review 2020–2024 after decisions by Swedish and Norwegian governments
- National boundary commissions apportioned by the governments at Lantmäteriet and at the Norwegian Mapping Authority
- The work is divided in such a way that Norway handles the south part and Sweden the north part
- The work is controlled through common visits along the boundary and through regular meetings

A CLEAR CUTTING SHOWS THE BOUNDARY



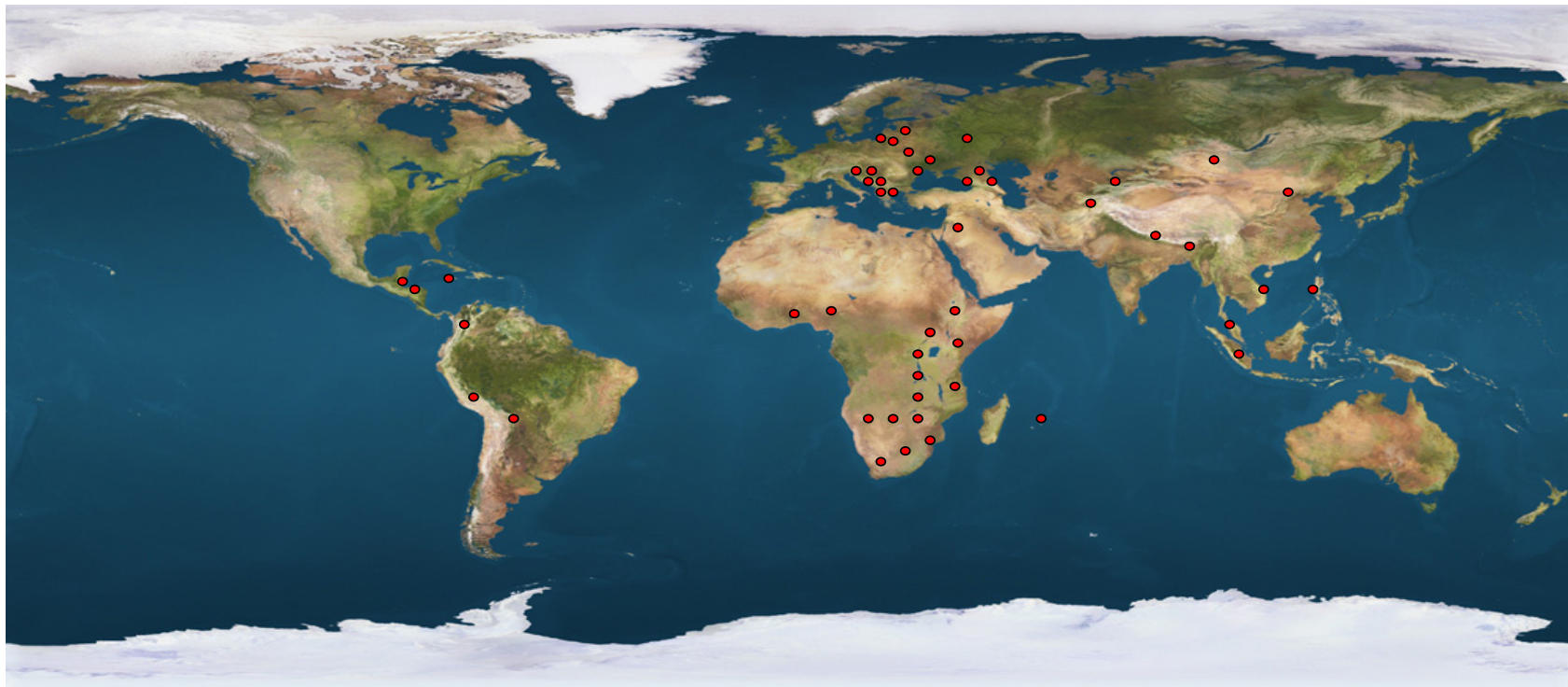


STONE CAIRN Rr 190 BEFORE AND AFTER RESTORATION



OUR CONTRIBUTION TO SWEDISH DEVELOPING COOPERATION

- Started 1979 when Swedesurvey was established within Lantmäteriet



- Currently focussing on Western Balkan and Africa
- Prefer longer (4-5 years) but larger ($> 1\text{mEuro} / \text{yr}$)
- Current projects all financed by Sida
- Capacity development in the focus to ensure sustainable results



PROJECTS IN AFRICA

Rwanda – Capacity Development in Land Administration

- 2022-2027

Liberia – Land Administration and Management Project

- 2019-2023

East Africa – ITP 311 – Applied Land Governance

- 2016-2025

Liberia and Zimbabwe – ITP LZ

- 2021-2025



PROJECTS ON BALKAN

Serbia - ePlan4eSpace

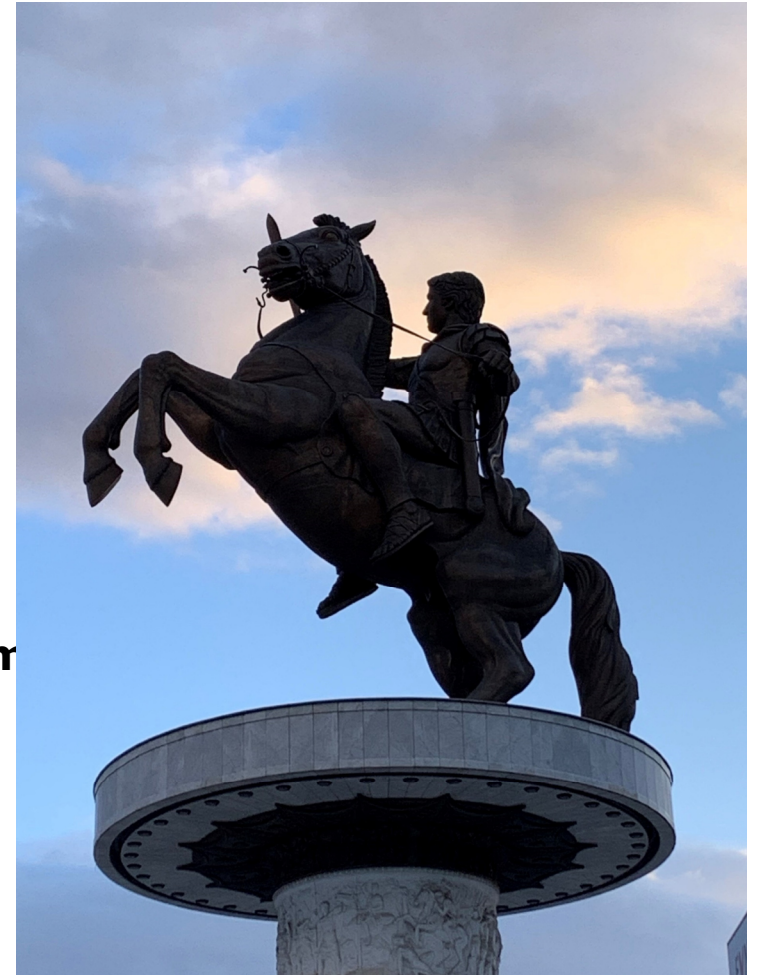
- 2023-2025

North Macedonia - Cooperation of digital democracy

- 2018 – 2023

Bosnia-Herzegovina – Digital Enhancement of Land Management Future of Bosnia and Herzegovina

- Project proposal for Bosnia-Herzegovina under review



Thank you!