

LANTMÄTERIET'S GEODETIC STRATEGY 2026–2035

NKG WGRF MEETING, MARCH 24–25, 2026, HELSINKI

OUTLINE

- Background and purpose
- Strategic positions
- Strategic directions for other key areas of activity
- Scenario 2035



BACKGROUND AND PURPOSE

LANTMÄTERIET'S RESPONSIBILITY

Excerpts from Lantmäteriet's instruction:

3 § Lantmäteriet shall --- promote a **coherent national geodetic infrastructure**

5 § Lantmäteriet shall ---

5. be responsible for the **national geodetic reference networks**

6. promote **consistency, coordination, and quality within the field of surveying**

9. conduct research and development within its area of responsibility

6 § Within its mandate, Lantmäteriet shall also, among other things

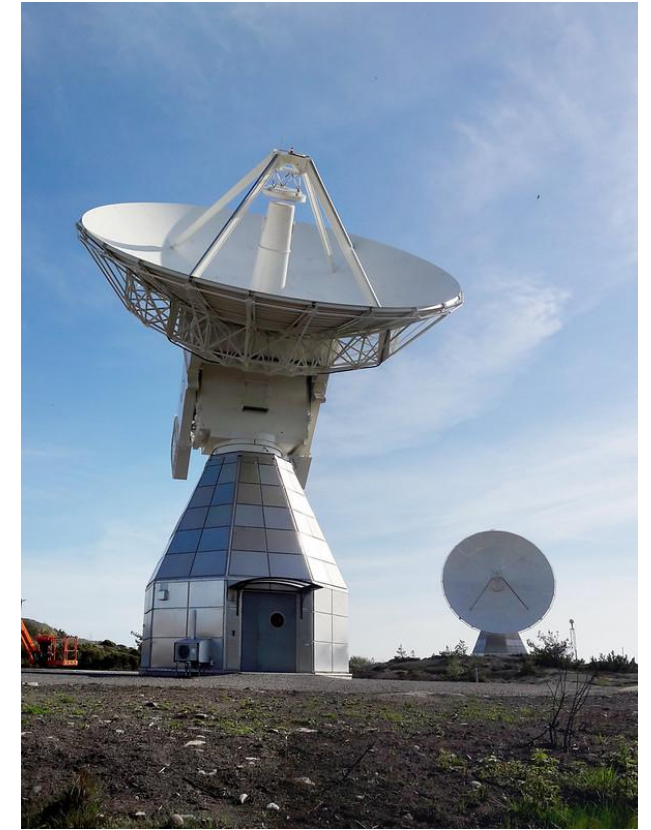
1. represent Sweden's interests in **international cooperation**

6. provide **advice and support**



PURPOSE OF A GEODETIC STRATEGY

- Secure the geodetic infrastructure for the future
- The strategy is a means of describing how Lantmäteriet intends to fulfill its directives, in order to support societal needs in the best way possible
- Target groups
 - Lantmäteriet internally → we know what to do
 - Decision-makers and financiers → they know what needs to be achieved
 - Stakeholders → can plan their activities accordingly



TRENDS

- Positioning services of high accuracy for mass-market applications are incoming
- The society is increasingly dependent on a well-functioning geodetic infrastructure – without knowing it
- The dividing line between geodetic surveying and geodata collection is increasingly blurry
- Increasing demands for a completely digitalised spatial planning and construction process



STRATEGIC POSITIONS

SWEPOS'S POSITIONING SERVICES

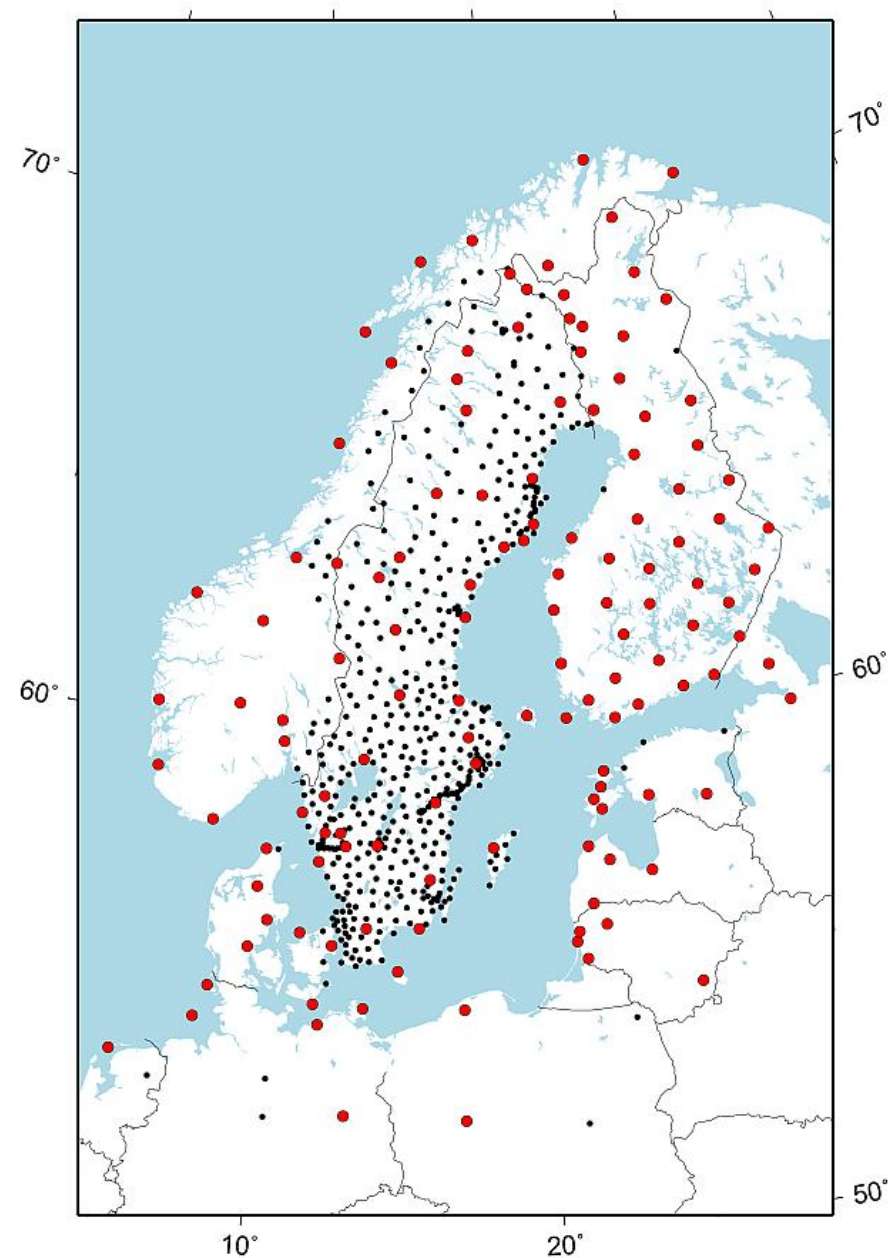
We will continue to operate and develop SWEPOS, which will continue to be financed through user fees.

The objective is to be able to offer, also in 2035, a national GNSS infrastructure with a robust delivery of services and raw data to users and other stakeholders.



NATIONAL REFERENCE FRAMES

We will retain the current national reference frames SWEREF 99 and RH 2000 throughout the strategy period 2026–2035.



GEOID DETERMINATION AND GRAVITY MEASUREMENTS

We will raise the level of ambition for geoid determination and relative gravity measurement in order to improve both GNSS-based height determination during the strategy period and the gravimetric foundation for the height system of the future.



A ROBUST GEODETIC INFRASTRUCTURE

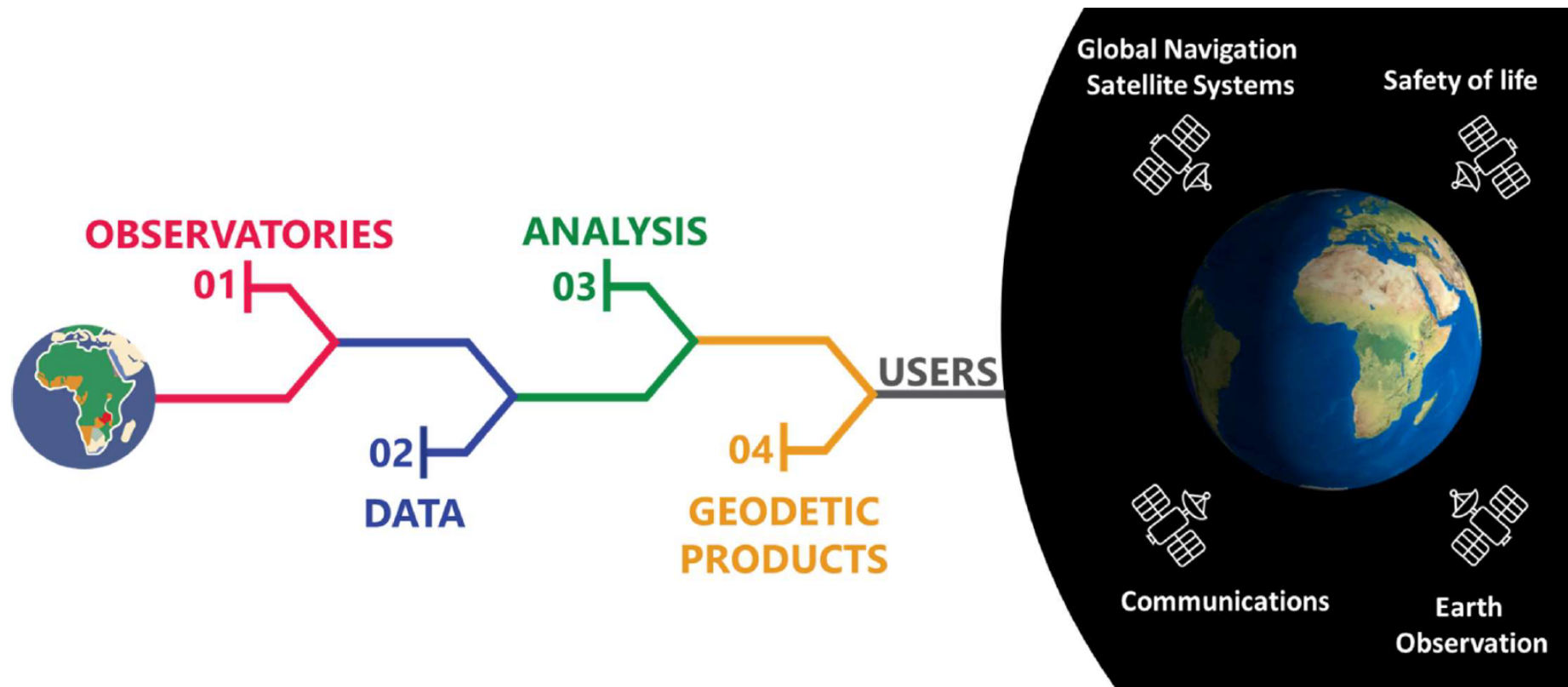
We will work to strengthen the robustness of the national geodetic infrastructure. Our own contribution must be robust, and awareness of alternative methods for accessing the geodetic reference frames must be increased.

In cooperation with municipalities and other authorities, we will create the conditions necessary to ensure that reference frames remain accessible even in critical situations.



THE GLOBAL GEODETIC SUPPLY CHAIN

During the strategy period, we will actively contribute to strengthening the global geodetic supply chain.



STRATEGIC DIRECTIONS FOR OTHER KEY AREAS OF ACTIVITY

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- Research
- Advisory services and cooperation
- International cooperation
- Artificial Intelligence and Machine Learning



SCENARIO 2035

THANKS FOR YOUR ATTENTION!

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