



national

report

norway

20

25

 Skriv inn koordinat

 Last opp fil

Koordinatbaserte referansesystemer (CRS)

EUREF89 + Ellipsoidisk høyde → EUREF89 / UTM sone 32 + NN2000

DD

DM

DMS



Lengdegrad

10

Breddegrad

60

Høyde

100

Transformer koordinat

Tøm feltene

DD

DM

DMS



Øst-koordinat

555776.2668



Nord-koordinat

6651832.7353



Høyde

59.436



Kopier koordinater

Se koordinater på Norgeskart.no 



Kartverket

Web-Based Coordinate Transformation Service

- Built on **PROJ** and utilizes **GDAL**
- Supports transformation of single coordinates or bulk data from files
- Compatible with a wide range of formats, including CSV ("free format")
- Covers the most commonly used reference frames and coordinate systems in Norway
- Designed to be an easy-to-use and intuitive tool accessible to everyone

SLR

SLR Installation Timeline – Ny-Ålesund Earth Observatory

- **2024** – Gimbal and telescope assembly installed
- **2024** – SLR telescope position included in the annual local tie Survey
- **2025** – Laser system scheduled for installation
- **2026** – SLR system fully operational
- **2026** – Ny-Ålesund Earth Observatory becomes a core geodetic station with all four space geodetic techniques co-located



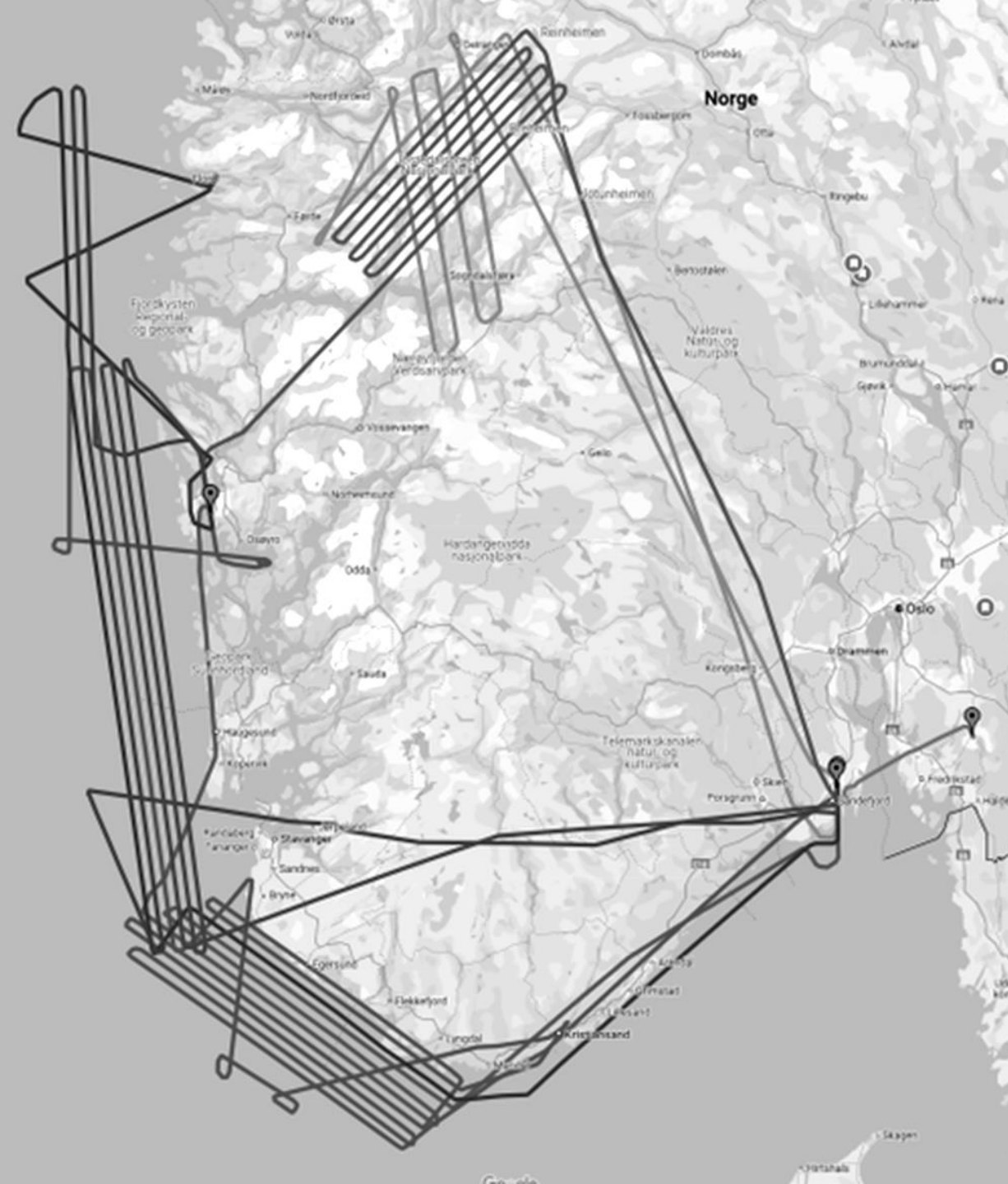
Airborne gravity

Two main regions surveyed:

- **Svalbard** – Approximately coverage of two-thirds of the island
- **Western Norway**, including **Jostedalsbreen glacier**
 - Approx 6,000 km of dedicated flight lines

Focus areas:

- Geoid-related challenges
- Unusual coastal currents requiring verification
- Jostedalsbreen a region with missing gravity data



White paper on a two-frame approach

Basic Concept

- Geodetic infrastructure is monitored in a global reference frame (IGS/ITRF), while spatial data is managed in the regional static frame EUREF89.
- Requires models for both continental motion and intraplate deformation.
- Permanent GNSS stations are tracked daily in ITRF and have fixed coordinates at a defined epoch.
- CRS transformations follow standardized routines using the PROJ system.
- The data-sharing platform stores data in EUREF89 but can be imported/exported in global or regional frames.

