National report of Sweden
-geodetic activities at Lantmäteriet, the National Land Survey of Sweden

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- SWEPOS™
- RIX 95
- Introduction of new reference systems
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Network contributions

- Seven EPN stations
  - Five in IGS network
  - Six in ECGN

- Operation of NKG EPN Analysis Centre
  - NKG=Nordic Geodetic Commission
Today 61 permanent stations
- 21 complete
- 40 simplified

SWEPOS™ Network RTK Service
- Launched on January 1st 2004
- Approximately 220 subscriptions
• Expansion with regional establishment projects
  – Plan for 56 new stations
RIX 95

- GPS measurements
- Connection of local coordinate systems to national reference frames
  - SWEREF 99
  - RT 90
Introduction of SWEREF 99

- Will replace RT 90
- Can replace coordinate systems used locally
  - 30 (of 290) municipalities
- Decision regarding map projections taken 2003
Introduction of RH 2000

- Third national precise levelling
- Final computation during 2004
  - EVRS 2000
  - Zero-point(-s)
- Can replace height systems used locally
  - 10 (of 290) municipalities
Gravity activities

- Absolute gravity measurements according to NKG gravity plan in 2004
  - Seven existing points
  - Two new points