

# Sweden in space and space exploration

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Photo: ESA



**Rymdstyrelsen**  
Swedish National Space Agency

# Some facts

- First launches of sounding rockets in 1960-ties
- Space agency established in 1972
- First Swedish satellite, Viking, launched in 1986
- Odin satellite, launched in 2001, still operational and collects atmospheric data!



Photo: Kristine Dannenberg



Europe's polar gateway to space

## SPACEPORT ESRANGE



# Esrange: Swedish space port

~1200 rocket and balloon launches since 1966

Photo: Kristine Dannenberg

# More facts

- Space budget of SNSA ~1 300 million SEK
- Space activities at most universities and several institutes
- Institute of Space Physics – established in 1957
- Many space companies – 43 companies answered SNSA's annual questionnaire
- Sweden – founding member of ESA in 1975



# Swedish instruments on ESA missions





