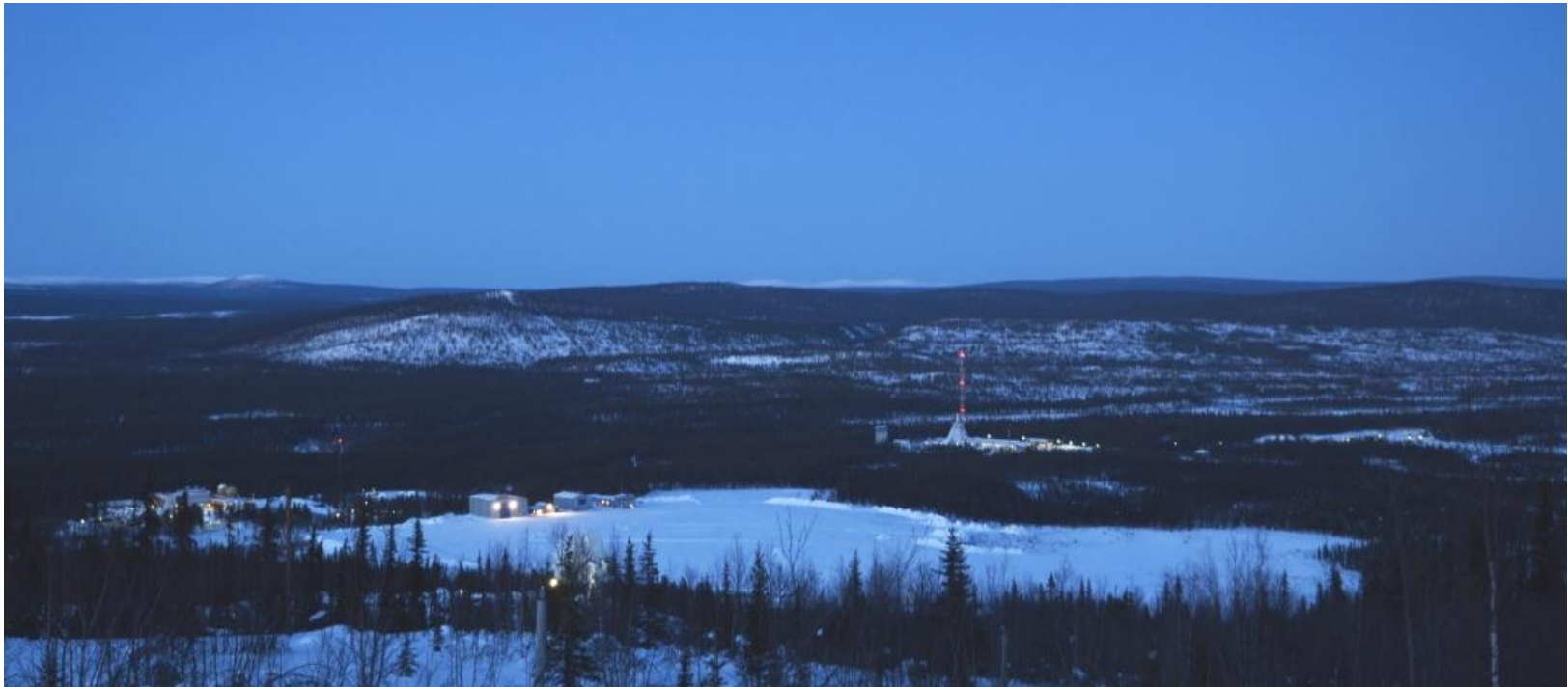




# Presentation to SRS



Kristine Dannenberg  
SRS meeting March 12-13, 2013



# Outline of the presentation

- New national programme on Balloon and Rocket projects
- On-going balloon and rocket activities – national & European
- Student programme REXUS & BEXUS
- Optional ESA programmes of relevance to SRS
- FP7 and Horizon 2020

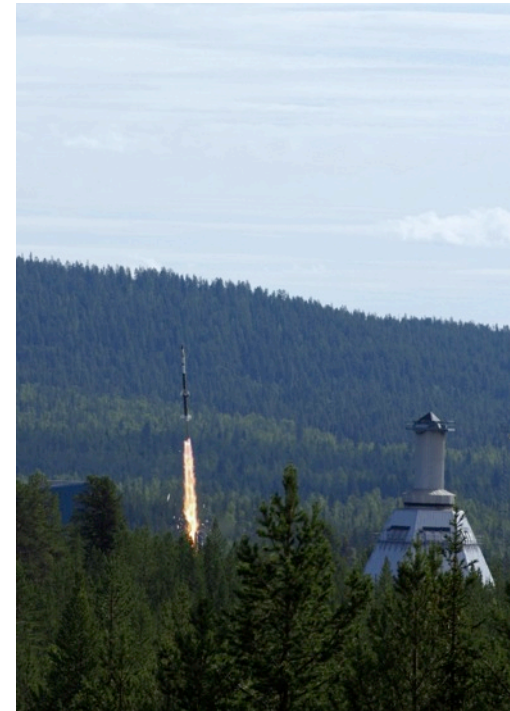


Photo: SU

# National programme on Rocket and Balloon projects

- Call for Ideas issued in Dec 2011, 20 ideas received and evaluated by SRAC during 2012
- Positive recommendation by SRAC in Nov 2012, budget of 13 MSEK for the industrial costs adopted by the Board of SNSB in Dec 2012
- First call in March 2013 with a deadline on May 15, 2013  
**Call 2013 BR**
- Frequency of the Calls TBD



Photo: KTH

# Ongoing Balloon and Rocket Activities, supported by SNSB

- National rocket and balloon projects:
  - \*on-going balloon project PoGOLite (KTH),
  - \*new rocket projects from Research Call 2012 Spider (KTH), O-States (SU)
- German-Swedish student programme REXUS & BEXUS in collaboration with ESA
- ESA Programme Elips-4:  
microgravity rockets Maxus-9 and Maser-13



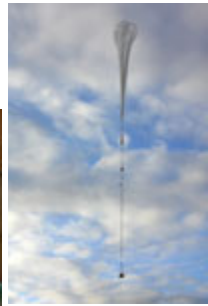
# REXUS and BEXUS

## Rocket and Balloon Experiments for University Students Swedish-German programme in cooperation with ESA



Annual calls for experiment proposals each autumn. Experiments can fly on a balloon 12 months later or on a rocket 18 months later.

For more information, see <http://www.RexusBexus.net/>







# REXUS and BEXUS

**Rocket and Balloon Experiments for University Students**  
**Swedish-German programme in cooperation with ESA**

Wanted: more Swedish groups!

SNSB provides support to hardware to Swedish groups (30 000 SEK)

NB Cooperation with students from other countries/Universities possible (e.g. Germany)



# Few highlights from optional ESA Programmes, relevant to SRS

- ESA EO Programme EOEP-4  
User Consultation Meeting on EE7 held in Graz last week;  
Swedish participation in two of three candidates, Biomass and Premier
- ExoMars – two missions to be launched in 2016 and 2018 in cooperation with Russia
- MREP-2 – continuation of the Technology Programme on Mars Exploration
- ISS Exploitation – Swedish Aerospace Centre at KTH
- Elips-4 – new call for experiments expected in 2014





# FP7 and Horizon 2020

- A study performed by SNSB in order to investigate Swedish participation and interest into FP6 and FP7 – report available on the website of SNSB
- Increased Swedish interest within the last FP7 call in late 2012



# Horizon 2020

- The programme will start in 2014
- Information available on the website of EC
- Consultation with the space community – two workshops with a focus on space technologies and space science took place recently
- Vinnova responsible for NCP organisation:  
Space NCP Katrin Danerlöv (Vinnova),  
Secondary Space NCP Kristine Dannenberg (SNSB)
- Useful information can be found on [www.vinnova.se](http://www.vinnova.se)
- SNSB plans to allocate 5 MSEK a year to support Horizon2020 related activities





Thank you for your attention!