



Netherlands Space Office

Interaction of Space Policy and Science Policy

ESSC, 09-05-2019



Netherlands Space Office

- ▶ Established in 2009
- ▶ Space agency of the government
- ▶ Reporting directly to Steering Cie
- ▶ Organisational part of RVO

Mission

“Maximise benefits of space for the Netherlands and communicate about them”

- > **Advise on Space Policy**
- > **Implement Space Policy**
- > **Communicate achievements**

Netherlands
Space
Office



NSO Organizational Configuration:





NSO: responsibilities and activities

- ▶ Represent Netherlands government to space agencies (ESA) and space industry
- ▶ National programmes:
 - TROPOMI-instrument/OMI
 - GO/KNW
 - Instrument development
 - SBIR
 - Satellite data portal
 - Geodata for Agriculture & Water
 - ESA Business Incubation Centre
- ▶ Stimulate international cooperation with Dutch industry
- ▶ Invest in the future's space pioneers (students and young entrepreneurs)





Netherlands goals in space

1. Reinforce existing NL eminent role in space research;
2. growth space industry by stimulating role on market (institutional and commercial);
3. exploit Dutch top instrument position for commercial (EO-) market;
4. strengthen market share NL industry on commercial applications market.



NL focus in space

- Space Science: Astrophysics, Earth Science, Planetary Science
- Products and development:
 - Satellite instruments for earth observation and space science
 - Miniaturisation of satellite/instrument technology
 - Launchers- and satellite structures and subsystems
- Development of services for NL strengths: agriculture, air quality, climate, energy, environment, nature/forest mgmnt, security, smart cities, water/seas, weather forecasts
- International cooperation



Space Science

- ▶ Strong tradition in space science
- ▶ Driving force behind early Dutch pioneering space activities
- ▶ Internationally leading in the fields of astrophysics and atmospheric research
- ▶ Upcoming fields: broader scientific utilisation of satellite data, planetary research





NSO role

- Stimulate link between Space Policy, Science Policy in synergy with NWO strategy
- Promote use of Space by broad scientific community and v.v.
- Stimulate discussion on priorities
- Implement research programmes
- Promote valorisation



NSO Activities

- Stimulate instrument development
- Execute GO (EO, planetary), KNW programs
- Stimulate EO strategy development
- Community building (workshops, events, information exchange).