



living planet BONN 23-27 May 2022

TAKING THE PULSE OF OUR PLANET FROM SPACE









Earth Observation in the Netherlands

Dr. Raymond Sluiter

26/05/2022

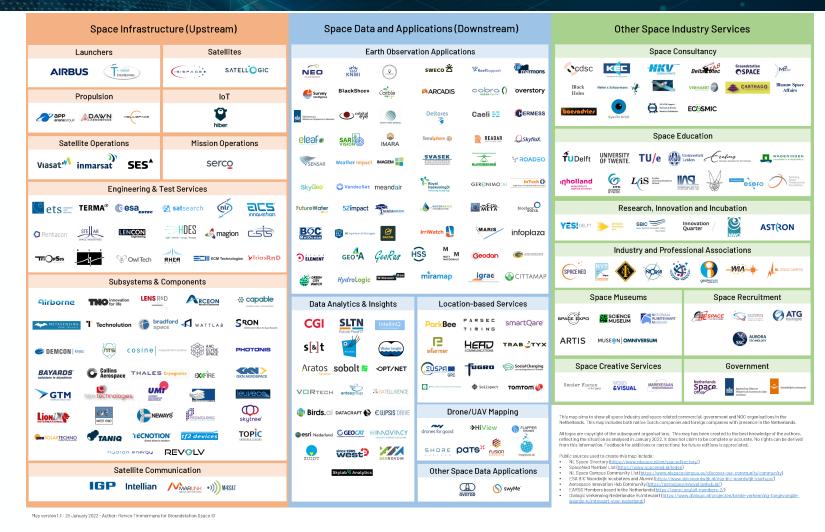
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Space Industry Map of the Netherlands 2022





NETHERLANDS

esa

ACTIONABLE INFORMATION ON CLIMATE,
WATER MANAGEMENT, SEA LEVELS,
AGRICULTURE AND INNOVATION. WE LEVERAGE
SPACE FOR 'SOFT POWER'TO CONTRIBUTE TO GLOBAL CHALLENGES.





AGRICULTURE & BIODIVERSITY



LAND COASTS



ATMOSPHERE

USING EO TO SUPPORT SAFE, SECURE & SUSTAINABLE
LIVING INTHE LOW COUNTRIES
& BEYOND



THROUGH
OPEN SCIENCE APPLICATION
& INNOVATION





Care for Planet Earth – draft proposal



- Invest in the development of new earth observation missions for high-resolution monitoring of greenhouse gases, particulate matter, air quality and nitrogen.
- Invest in the development of measuring instruments for the management of coastal and inland waters.
- Promote the use of satellite data for challenges related tot climate change and sustainability.
- Support Dutch scientists who contribute to ESA instrumentation.
- Provide the access to a federated data infrastructure for managing, processing and analyzing open earth observation data.
- Connect to the ambitions, programmes and challenges w.r.t. the European Green Deal and national programmes w.r.t. the energy transition, Nitrogen, the rural areas and climate.
- Strengthen the Netherlands' commitment to ESA earth observation programmes.





Related ESA /EC EO-Programmes



• ESA:

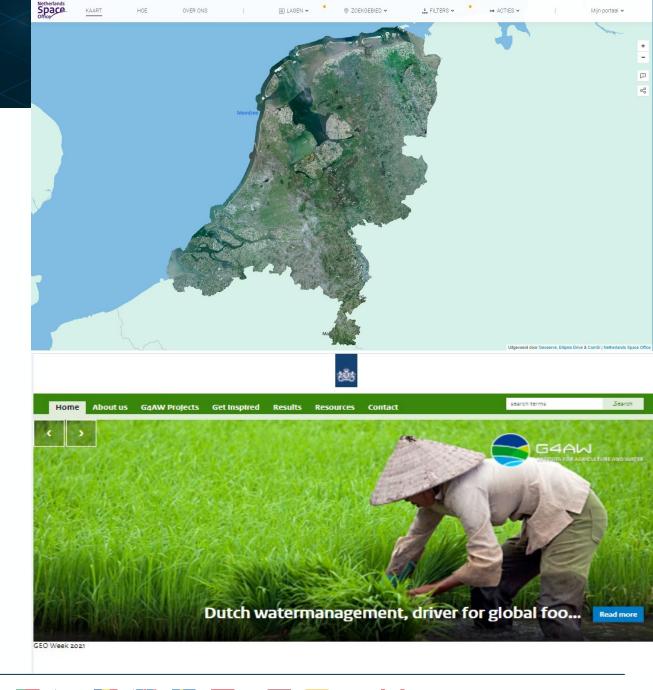
- FutureEO
- CSC
- CCI / Climate Space
- Incubed+
- Bass
- EC:
 - Copernicus Services
 - H-Europe
 - Digital Europe: Data Spaces, Destination Earth





National Programmes

- Satellite Data Portal
 - "Contributing mission"
 - X-monthly VHR-data (at present SuperView)
- GO-Programme: scientific calls for the use of space infrastructure for Earth observation and planetary research (jointly with the Dutch Research Council)
- PIPP Partnerships for Space Instruments & Applications Preparatory Programme
- SBIR (Small Business Innovation and Research)
- Geo for Agriculture & Water (G4AW: commissioned by foreign affairs)







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