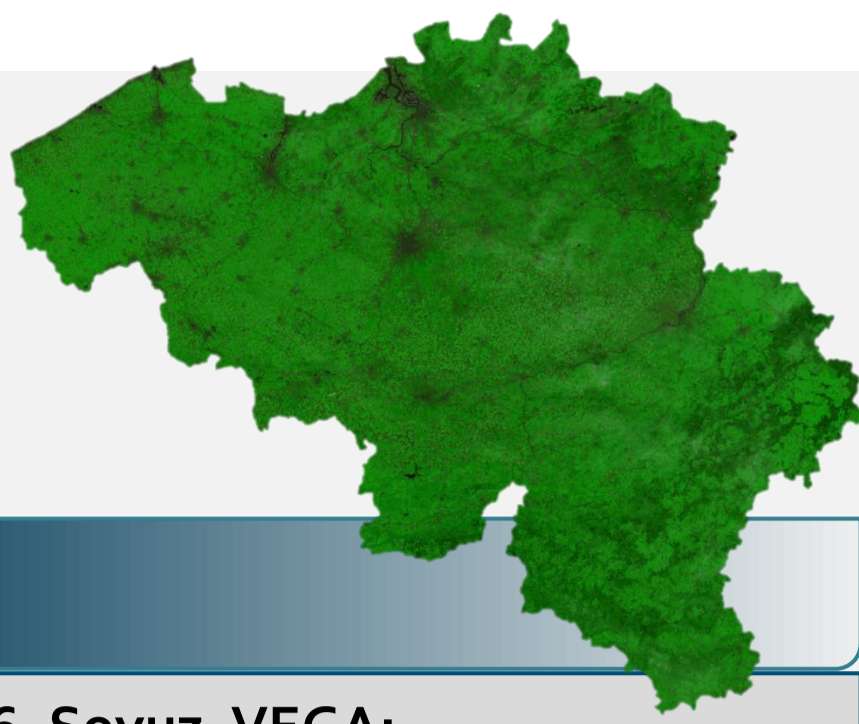


Belgium



Access to Space

Equipment for ARIANE 5 and 6, Soyuz, VEGA:
structure, TVC, safeguard, valves, software, test bench...
New technologies for demo programmes as IXV

Telecommunications and Navigation

On board power equipment: PCPU, EPC, PPU...
Ground segment equipment: Galileo receivers, secured network...
User segment equipment: broadband, modulators...
Orbit Testing (ESA Redu) and logistic support

Space Science and Exploration Missions

Scientific instrumentation: NOMAD (atmospheric composition), EUI (extreme UV imager), MIRI (infrared camera and spectrograph)
PROBA 2 (solar) & 3 (formation flying)



Space Situational Awareness

Space weather data, expert services and coordination centres

Earth Observation

Global Vegetation monitoring: PROBA-V, Food security
Atmospheric chemistry: Altius
Very high resolution: Pléiades

Space Technologies

PROBA platform
Electrical, thermal, power, propulsion subsystems & components
Micro-electronics, Image sensors
Additive manufacturing

Research, applications and services

Long term research in solar, plasma and magnetospheric physics for Space Weather services

Exploitation of data from scientific and exploration missions

National research and application programme for remote sensing: STEREO

Research in microgravity on the ISS

Development of applications and services: navigation, telecom, Earth observation



Member state since 1978



Member state since 1985

Belgian actors' organisations

Belgian Science Policy Office
www.belspo.be/space

Belgospace
www.agoria.be/belgospace

VRI
vri.vlaanderen

Wallonie Espace
www.wallonie-espace.be

Bruspace
www.agoria.be/bruspace

Belgian Science Policy Office



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