



**Together we
conquer space**



Space Technology



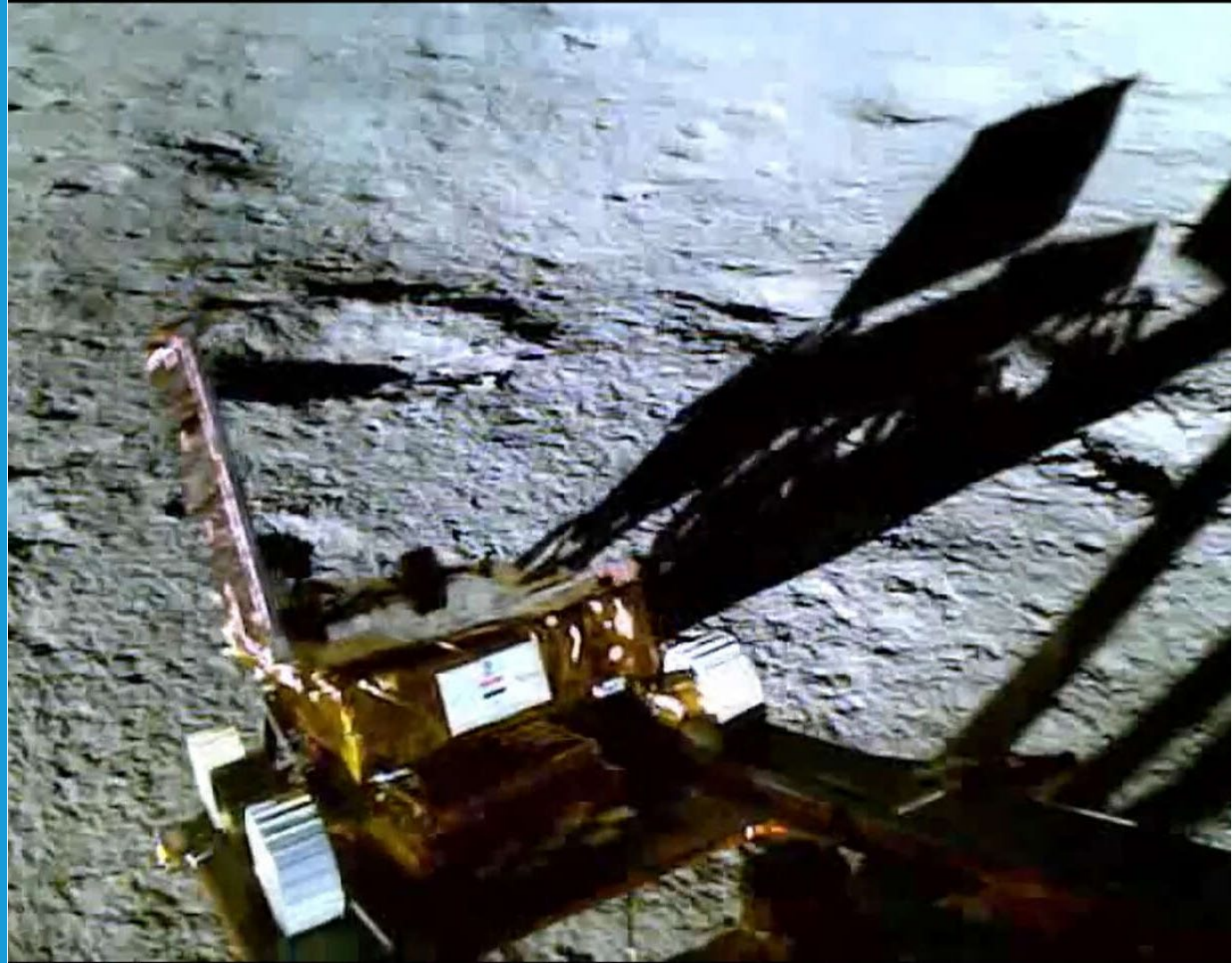
Launch of Juice
with Ariance 5 on
the 14th of April



Euclid has been
launched on the
1st of July



Russia failed on
the Moon but not
India and landed
on the 23rd of
August



On the 08th of
October VEGA is
flying again waiting
for VEGA-C



Successful Ariane 6
new VULCAIN 2.1
motor test on the
06th of September
for Ariane 6,
Maidenflight in 2024



Record for Space X,
200 launches
without failure for
Falcon-9



And our SSIG events:

Regular SSIG Board meeting, briefings and meetings with SSO

AGM 2022 in December at PSI, Villigen

“Quantum Technology and Space”



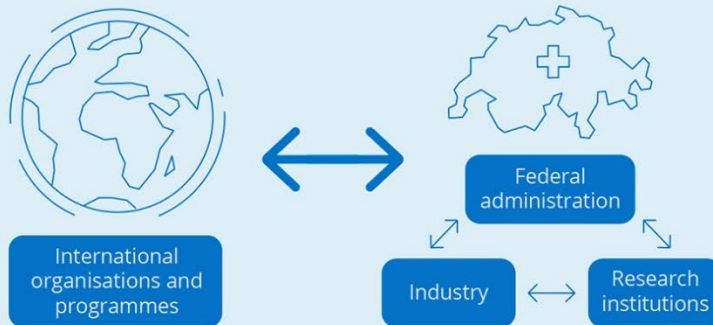
Actors

As a founding member of the ESA (European Space Agency), Switzerland has helped shape Europe's space activities from the very beginning and has a long tradition.

Policy maker

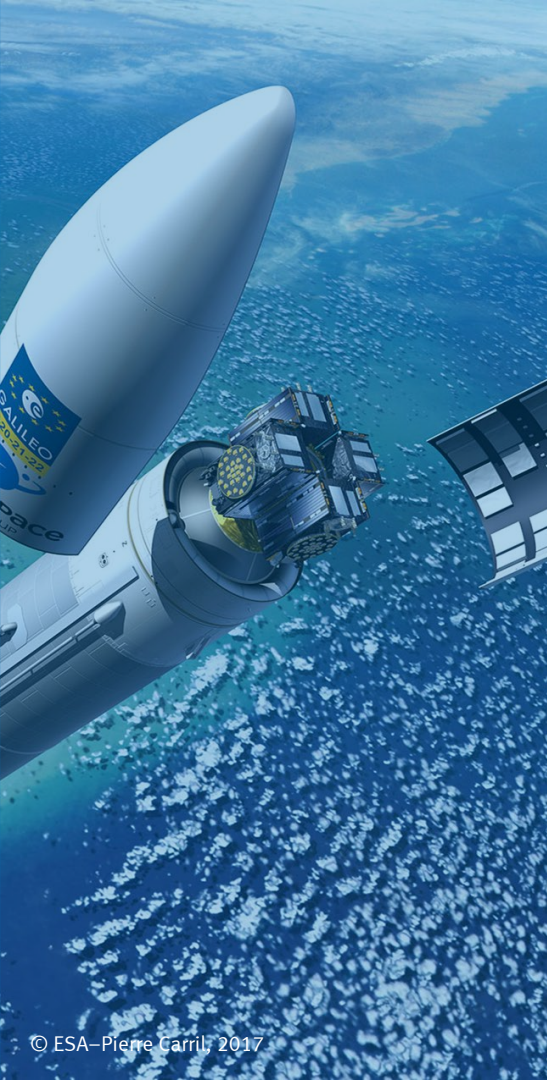
Swiss Space Office

Context and main actors
for Swiss space activities



Industries

Professionals



Swiss Space Industries Group

“SSIG is the association for SMEs and large space technology firms in Switzerland, representing and promoting the interests of the Swiss space ecosystem nationally, in Europe, and worldwide.

We value reliability, networking, and common action. Our purpose is to facilitate the growth of the Swiss Space industry.”

CHF **322** million

Total Swiss Space Industry Sales (est.)

Big changes & Bright future



Swiss start-up ClearSpace collects space junk

Strategy Implementation



Communication

- National PR Events, Education and Politics

Internationalisation

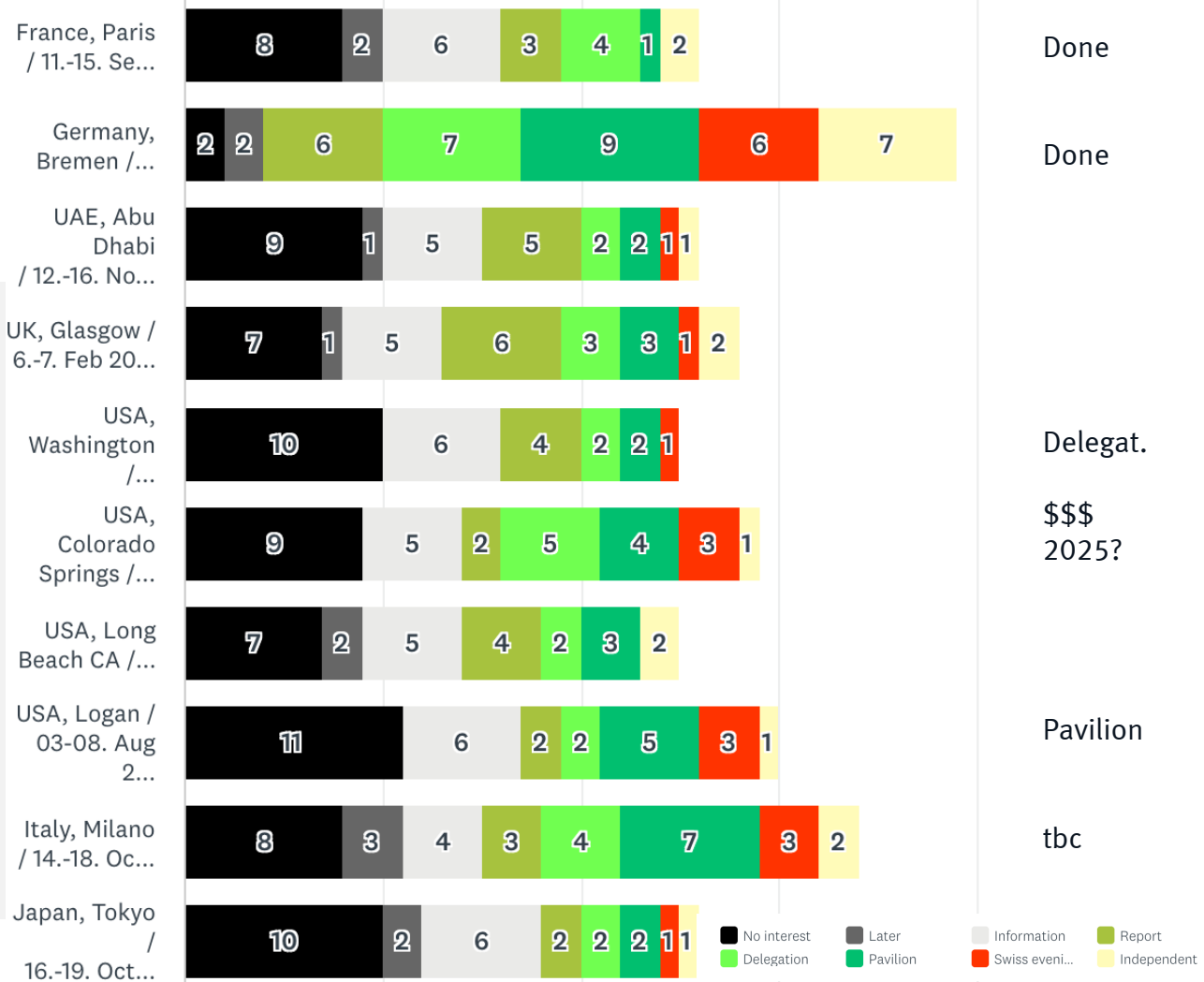
- Delegations and Exhibitions

Exhibitions

SSIG Involvements

Survey Results 2023
25

Nov 17, 2023



SSIG – Challenge

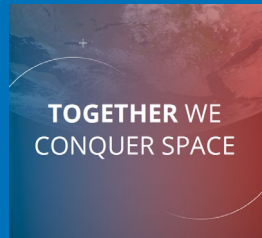
Future Deviations in Cost Structures



Network B2B

- Overdraft
- Std Budget 2024

70k CHF



Internationalisation

- Delegations, Swiss Pavilion
- SSIG booths



Communication

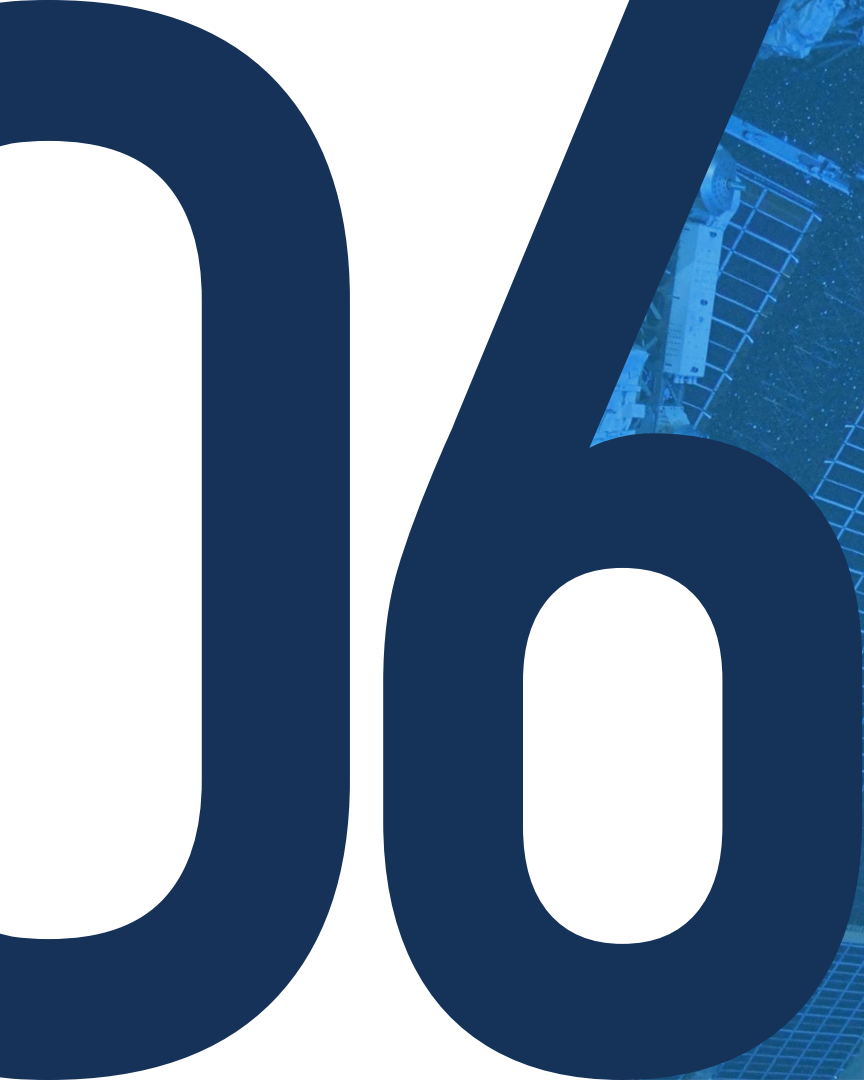
- Space for Climate and Sustainability
- Sustainability for Earth and Space



Military

- Mandate

-> Total add. 170k CHF



Contribution to space missions

- 01
- 02
- 03
- 04
- 05
- 06
- 07



Clip

Swiss companies are at the forefront of space travel

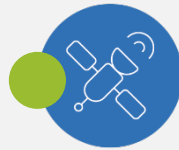
Segments



Launcher



Ground Support



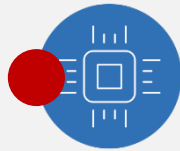
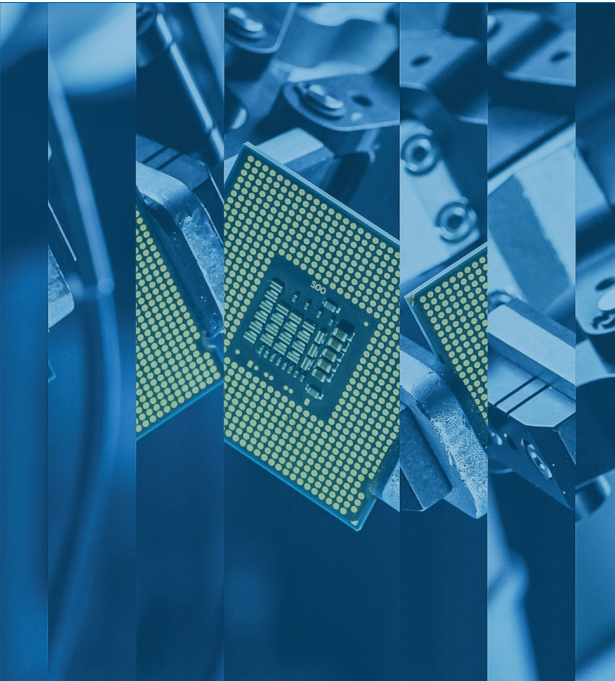
Satellites



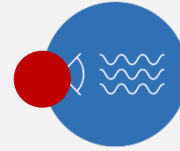
Operators

“Swiss contribution to space missions”

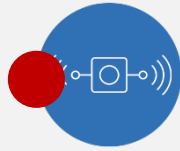
Products



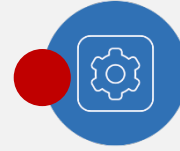
Electronics



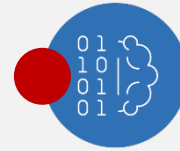
Photonics/Optics



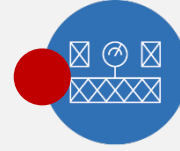
Sensor
technology



Mechatronics



Software



Structural
components and
instruments

“Swiss contribution to space missions”

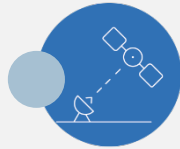
Applications



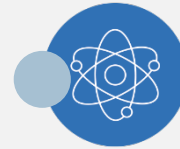
Navigation



Earth Observation



Communication

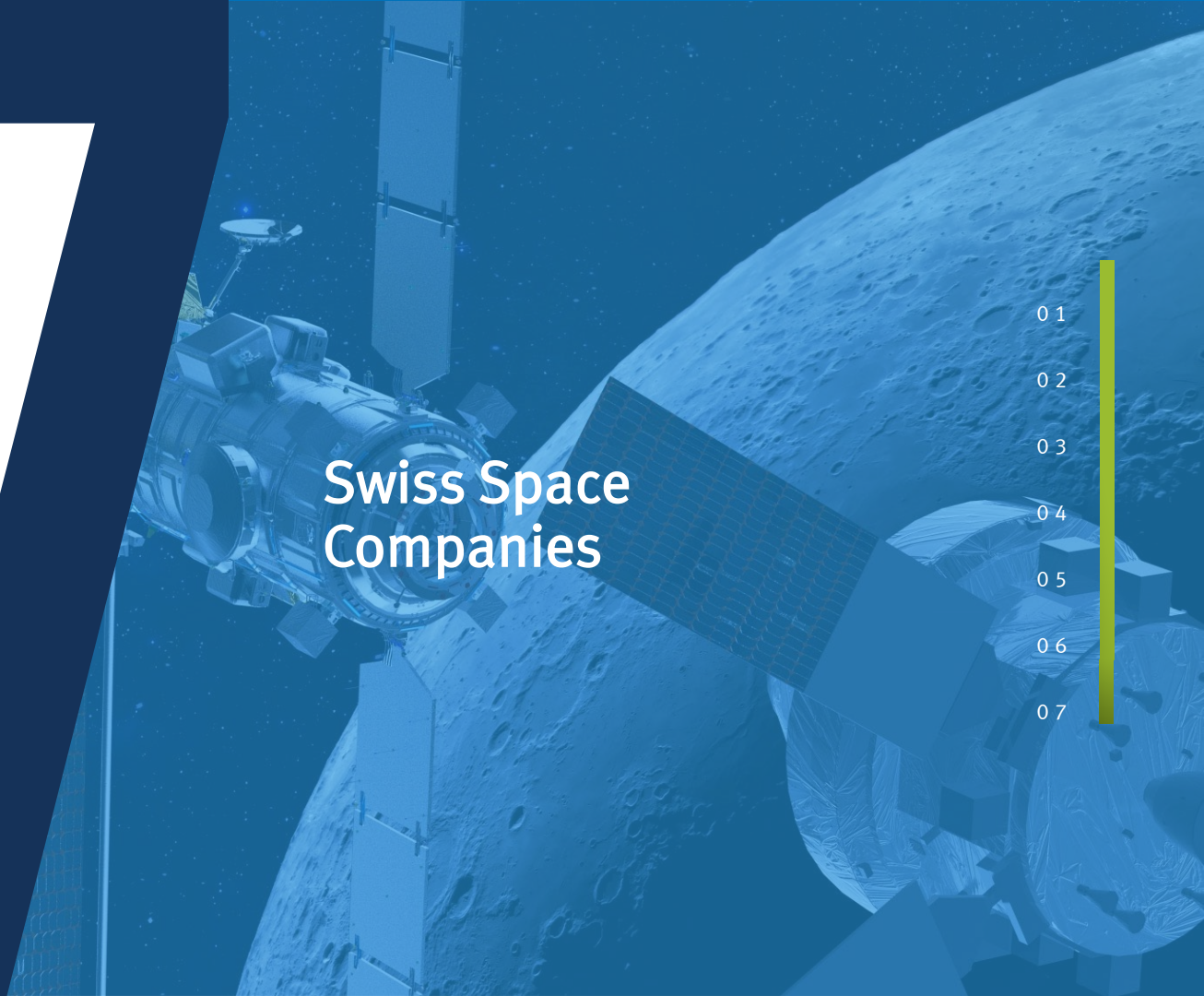


Scientific tasks

07

Swiss Space Companies

- 01
- 02
- 03
- 04
- 05
- 06
- 07



SSIG Committee 2022 - 2025



Didier Manzoni
APCO Technologies SA

Luc Piguet
ClearSpace SA

Elisabetta Rugi-Grond,
Thales Alenia Space Schweiz AG

Philippe Hersberger
nanoTRONIC GmbH

Holger Wentscher
Beyond Gravity Schweiz AG

Fabien Jordan
Astrocast SA

Claude Kippelen
Clemessy Switzerland AG

Prof. Volker Gass
EPFL VPI (Permanent Guest)



CLEMESSEY



Sauter Bachmann

Art of Technology



nanSTRONIC



SPACE PHARMA

astrocast

ico|cet



csem



3D PRECISION SA



spacePNT+



COACTUM



Franke Industries



FISBA Innovators in Photonics

BERNEX



ALMATECH



BLOESCH



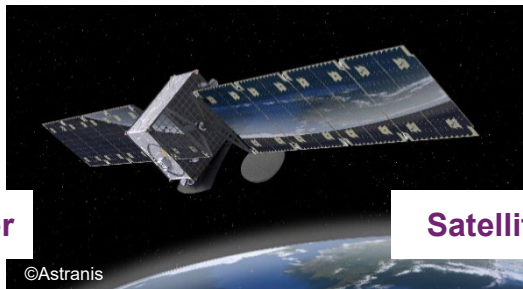
Ground Support

© CNES 2019



Launcher

© ESA - D. Ducros



Satellite

© Astranis



Operator

© Perle Sytems

- Clemessy Switzerland AG
- APCO Technologies SA
- Cosylab Switzerland GmbH
- nanoTRONIC GmbH
- General Atomics Synopta GmbH
- FAES-PWR ESTECH AG,
- ViaSat Antenna Systems SA
- Art of Technology AG
- Beyond Gravity Schweiz AG
- CSEM SA
- Safran Timing Technologies SA
- Sauter Bachmann AG
- Schurter AG
- SpacePharma SA
- APM Technica AG
- Fly High Engineering AG
- WEKA AG

- Beyond Gravity Schweiz AG
- APCO Technologies SA
- Franke Industrie AG
- Blösch AG
- Almatech SA
- Carbomill AG
- Sauter Bachmann AG
- SpacePNT Sarl
- IHI Bemex AG
- Fly High Engineering AG

- Beyond Gravity Schweiz AG
- APCO Technologies SA
- Thales Alenia Space Schweiz AG
- Cosylab Switzerland GmbH
- SAPHYRION Sarl
- FAES-PWR ESTECH AG
- Almatech SA
- ClearSpace SA
- Sauter Bachmann AG
- SpacePharma SA
- SpacePNT Sarl
- APM Technica AG
- Fly High Engineering AG
- nanoTRONIC GmbH
- General Atomics Synopta GmbH
- Schurter AG
- Safran Timing T. SA
- Art of Technology AG
- Icotec AG
- FISBA AG
- CSEM SA
- ViaSat Antenna Systems AG
- Blösch AG
- Coactum SA
- Carbomill AG
- Arc Power GmbH
- Klepsydra Technologies AG

- ClearSpace SA (in orbit service)
- Astrocast SA (IoT service)
- Coactum SA
- APCO Technologies SA (CSG)
- SpacePharma SA

SSIG Industry Members



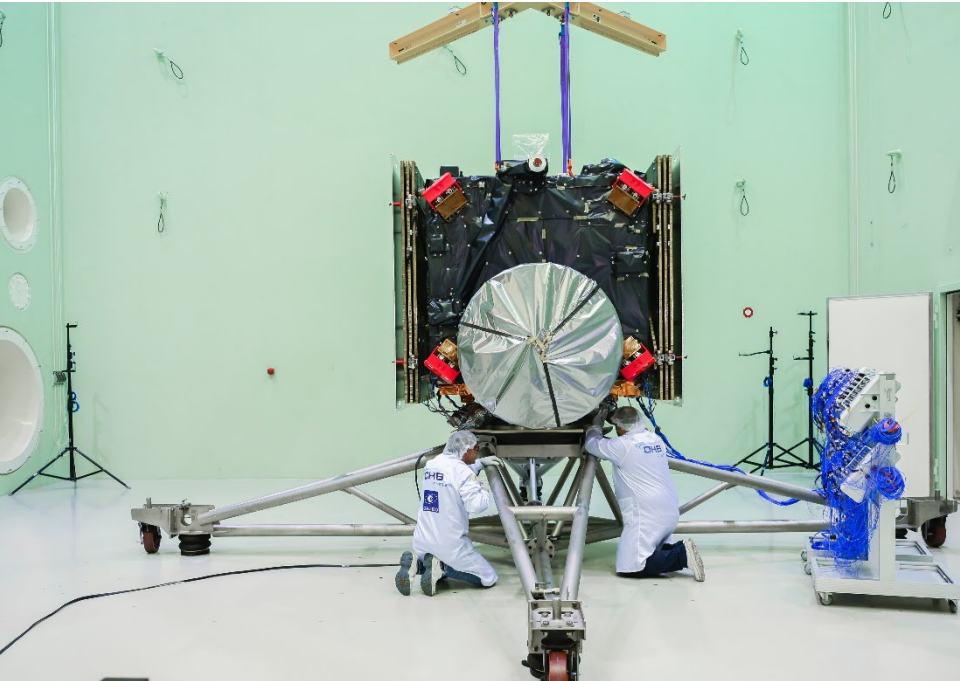
- 17 members Ground Support (+2)
- 10 members Launcher (+2)
- 28 members Satellite (+4)
- 05 members Operator
- 31 members Space Companies
Total



Extended Network

- Cicor Management AG
- Coris Innovation SA
- CYSEC SA
- Solenix AG
- Swissto12 SA
- GF Additive
- Re CAE
- Aerospacelab
- RUAG MRO
- Dphi Space
- Dlab GmbH
- inmarsat
- Metal Improvement Company GmbH
- Micos Engineering GmbH
- Micro-Cameras & Space Exploration SA
- OC Oerlikon Surface Solutions AG, Pfäffikon
- onocoy Services AG
- Orbitare Switzerland
- Pasan S.A.
- Reinhardt Microtech AG
- Sercalo Microtechnology Ltd
- SpaceQuest Ventures AG
- Spacetek Technology AG
- Supercomputing Systems AG
- SwissOptic AG

Associated members



aris
space to grow



Universität Zürich



ETH zürich



Space
eXchange
Switzerland

business
incubation
centre

PAUL SCHERRER INSTITUT
PSI



Fachhochschule Nordwestschweiz
Hochschule für Technik



Switzerland
Section

SPACE
INNOVATION



Thanks



Video Download: - [Let's be honest](#)
Video Download: - [Swissmem Space 2019 D](#)

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