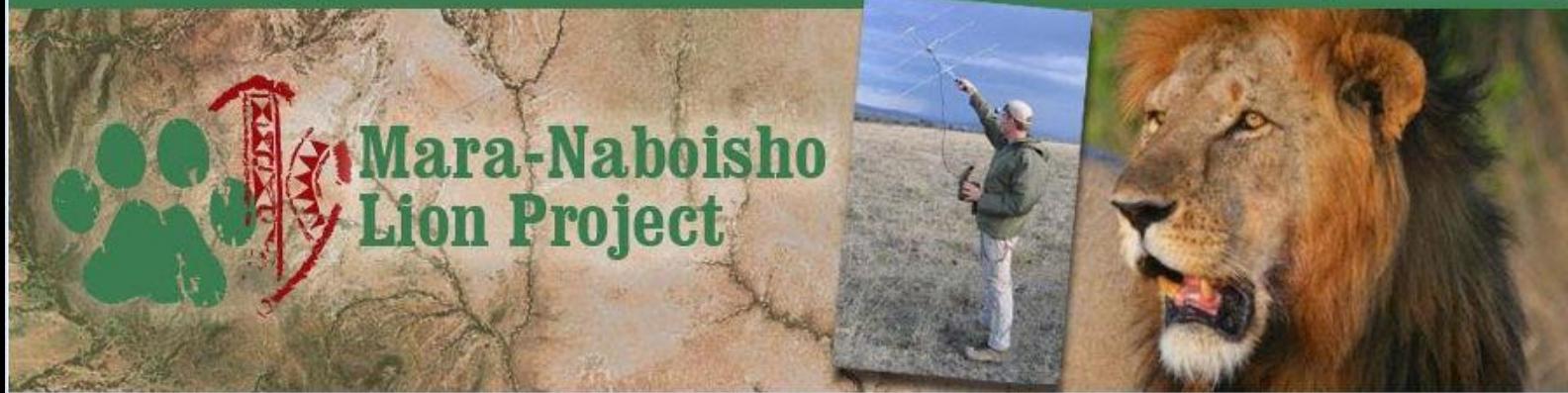


Cirkulær økonomi og rummet

Andreas Mogensen

29/01/2020



Forside

Hjem vi er

▼ Mara-Naboisho løve projekt

Baggrund for projektet

Løver under pres

Projektområde

Satellit tracking af løver

Naboisho Conservancy

Tidligere løveprojekt

Sponsorer/Bidragydere

Støt projektet

Links

Kontakt os

Presse



[English language version](#)



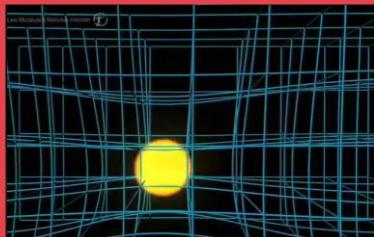


Space19



PROGRAMMATIC PILLARS

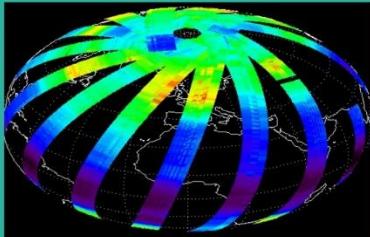
SCIENCE AND EXPLORATION



SAFETY AND SECURITY



APPLICATIONS



ENABLING AND SUPPORT



Subscribed overall volume 14,5 B€

(mandatory activities for 3 years included)

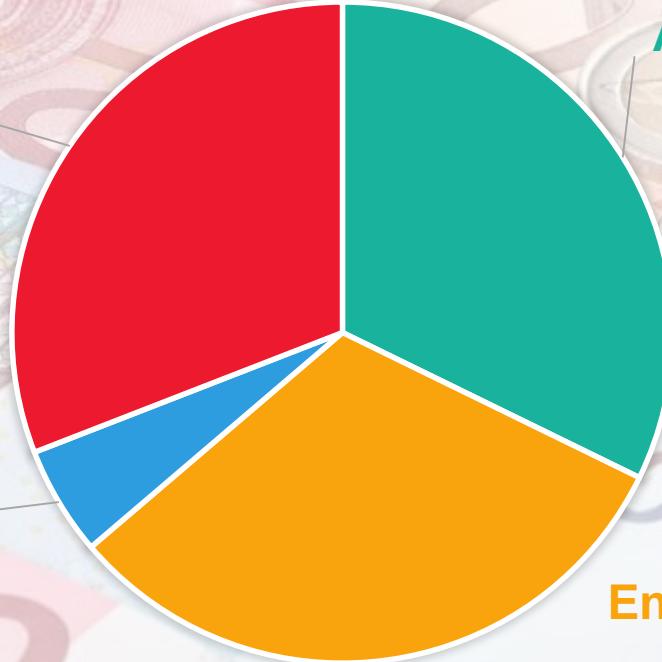


Science and
Exploration
31%

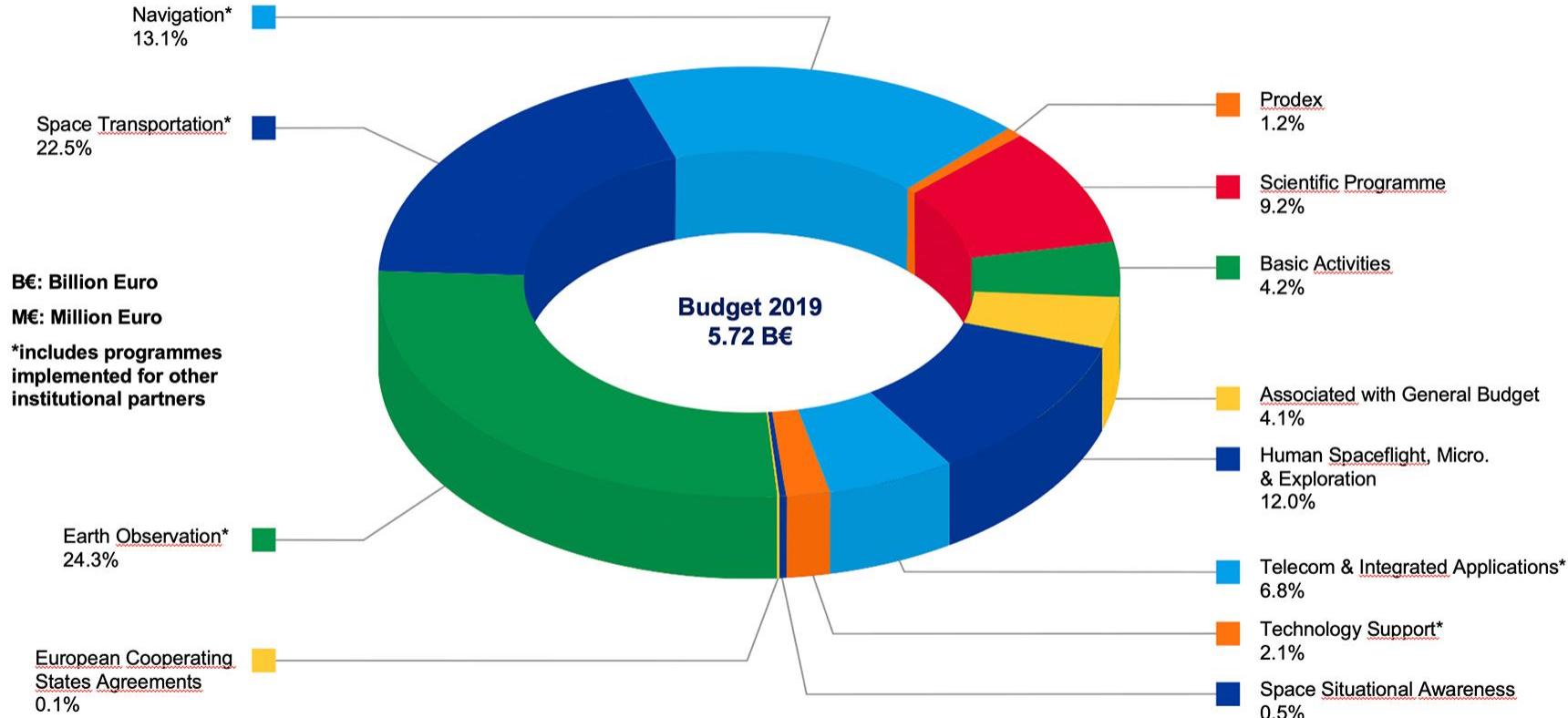
Safety and
Security
5%

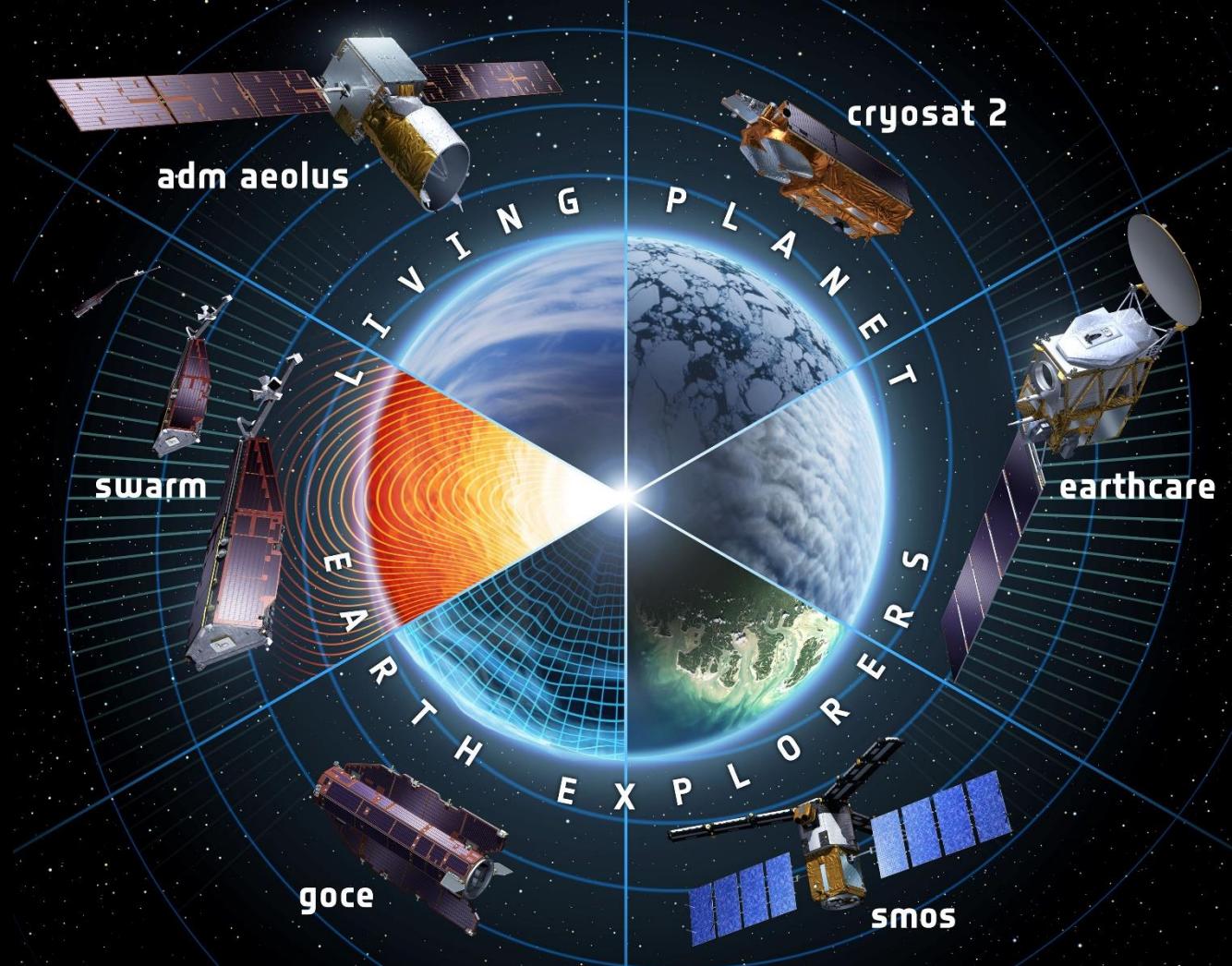
Applications
32%

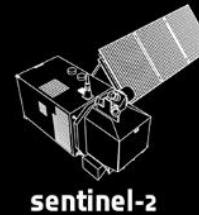
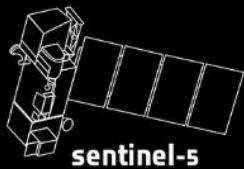
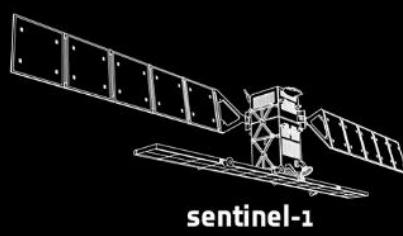
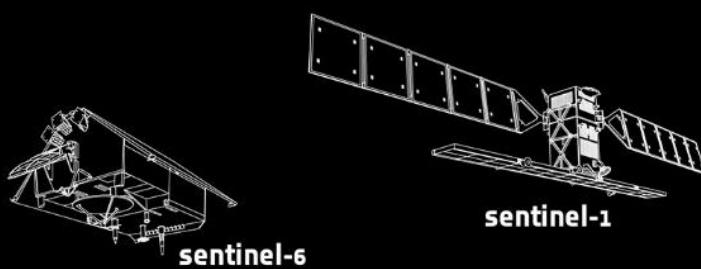
Enabling and
Support
32%



ESA budget by domain for 2019: 5.72 B€



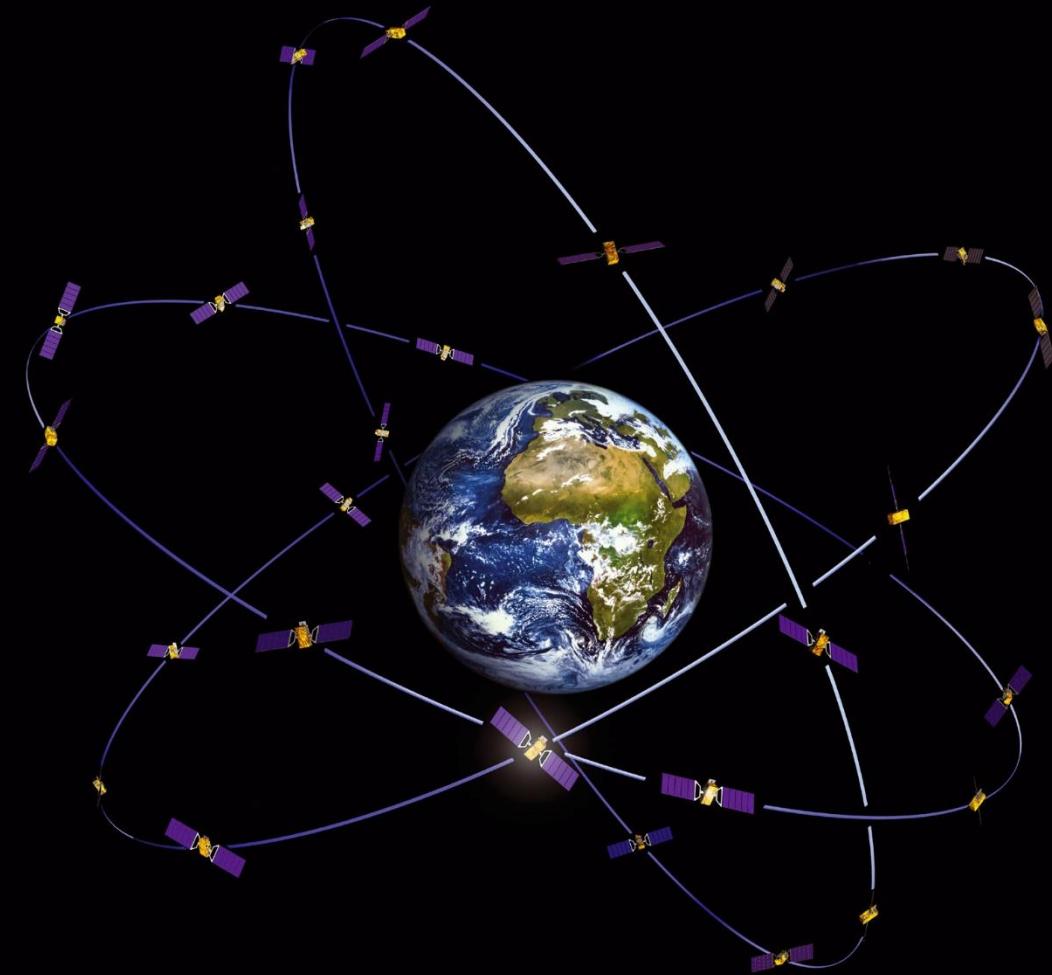




TELECOMMUNICATIONS

5G







→ ADVANCED CLOSED LOOP SYSTEM

Advanced Closed Loop System produces water from carbon dioxide. The water then is used to produce oxygen for astronauts.



ACLS can generate about 50% of the water needed for oxygen production on the Space Station.













Cornerstone 1

Humans in Low Earth Orbit

Cornerstone 2

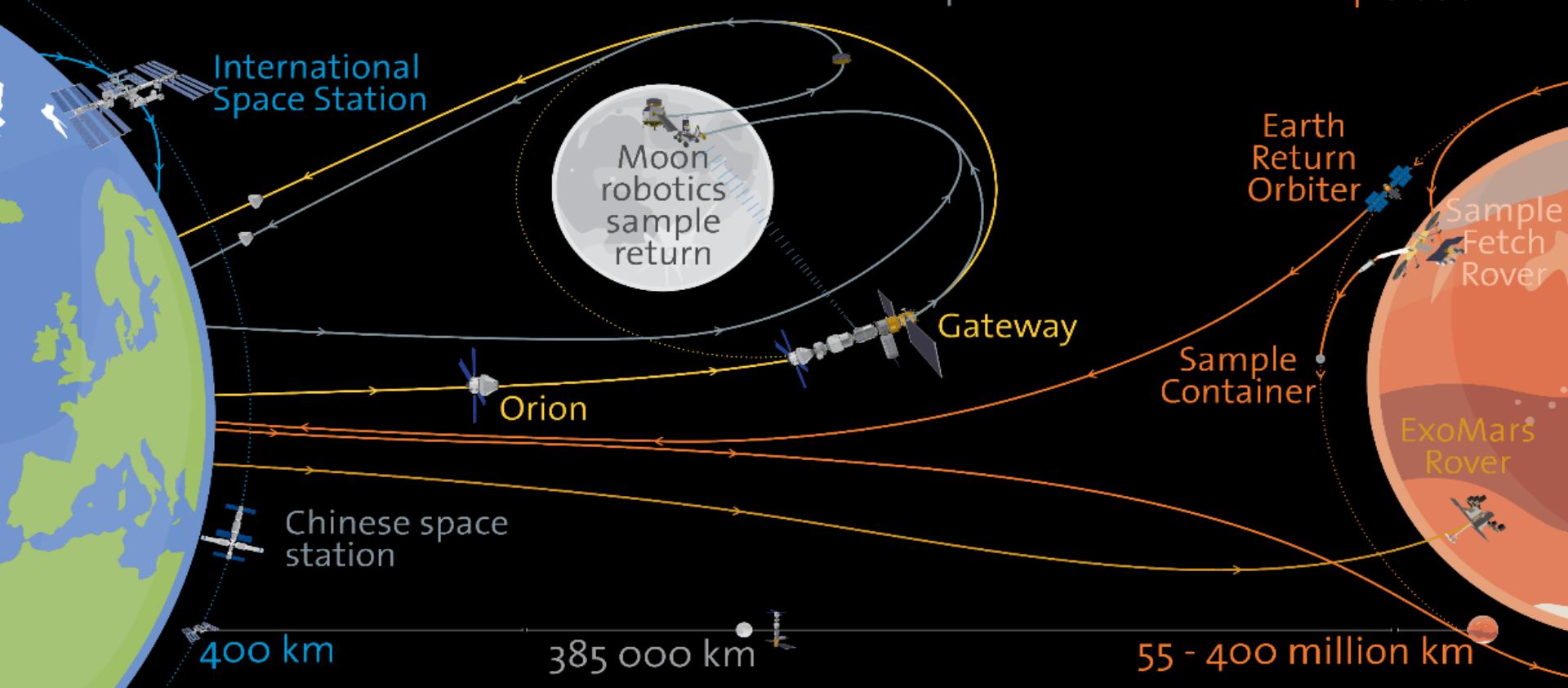
Humans beyond Low Earth Orbit

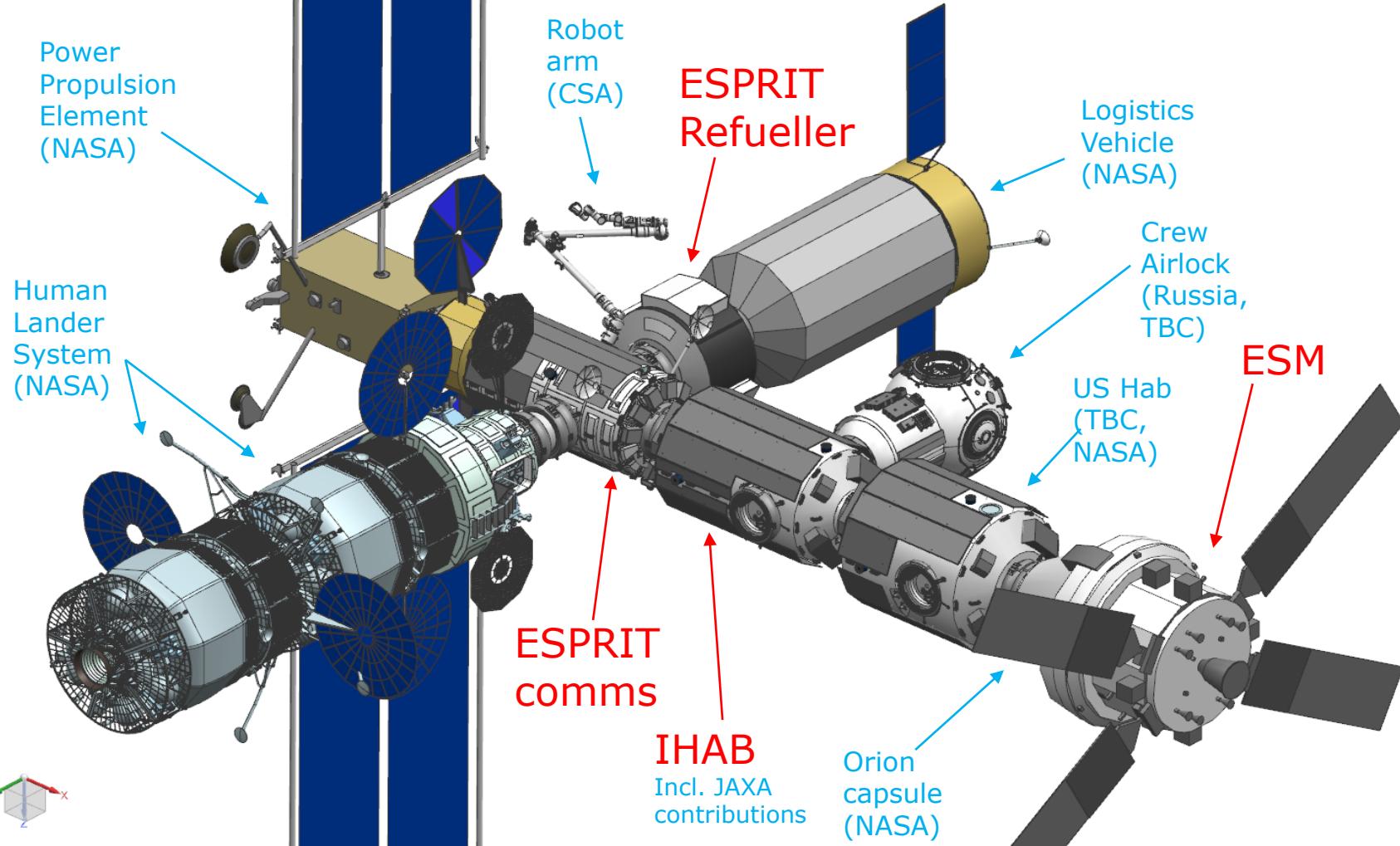
Cornerstone 3

Robotic Lunar Exploration

Cornerstone 4

Robotic Mars Exploration





Gateway + robotic missions

= sustainable human exploration



