

→ THE EUROPEAN SPACE AGENCY



POWERING EUROPE'S SPACE AMBITION

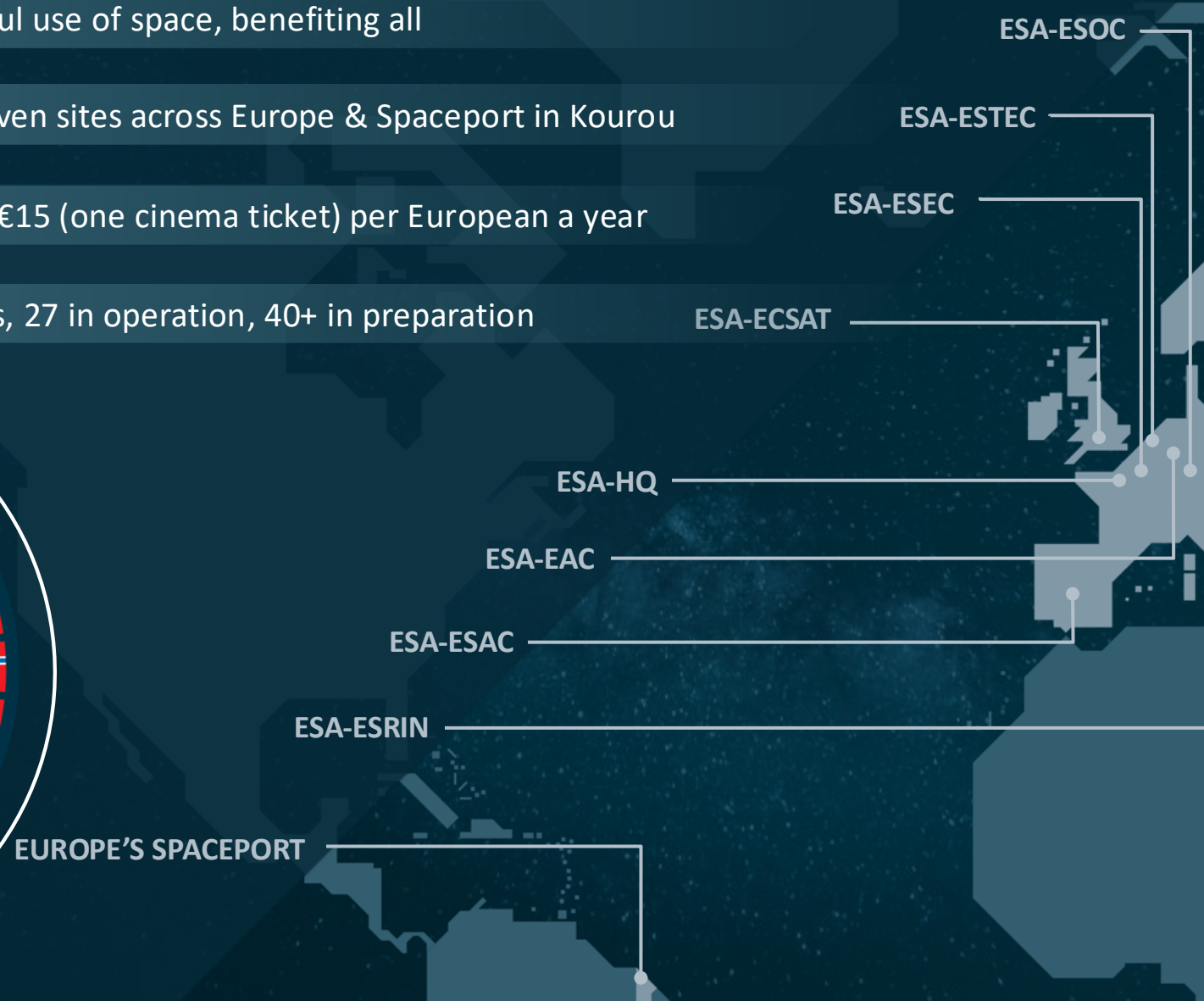
WHO 23* Member States, 2500+ staff members and total workforce of 6000+

WHY For the peaceful use of space, benefiting all

WHERE HQ in Paris, seven sites across Europe & Spaceport in Kourou

BUDGET €7.79 billion = €15 (one cinema ticket) per European a year

MISSIONS 100+ satellites, 27 in operation, 40+ in preparation



Active across every area of the space sector



Ariane 6

- ◆ Europe's heavy-lift rocket
- ◆ Versatile
- ◆ Modular design

Vega-C

- ◆ Europe's medium-lift rocket
- ◆ Improved performance, efficiency and versatility



Eleven active ESA astronauts:

- ◆ Flying missions to the International Space Station (ISS)
- ◆ Soon to embark on Artemis missions to the Moon



Europe is the no. 1 partner to the US in the Artemis programme:

- ◆ Building the European Service module for the Orion vessel
- ◆ Building three of the Gateway's five modules

ExoMars Rosalind Franklin Mission:

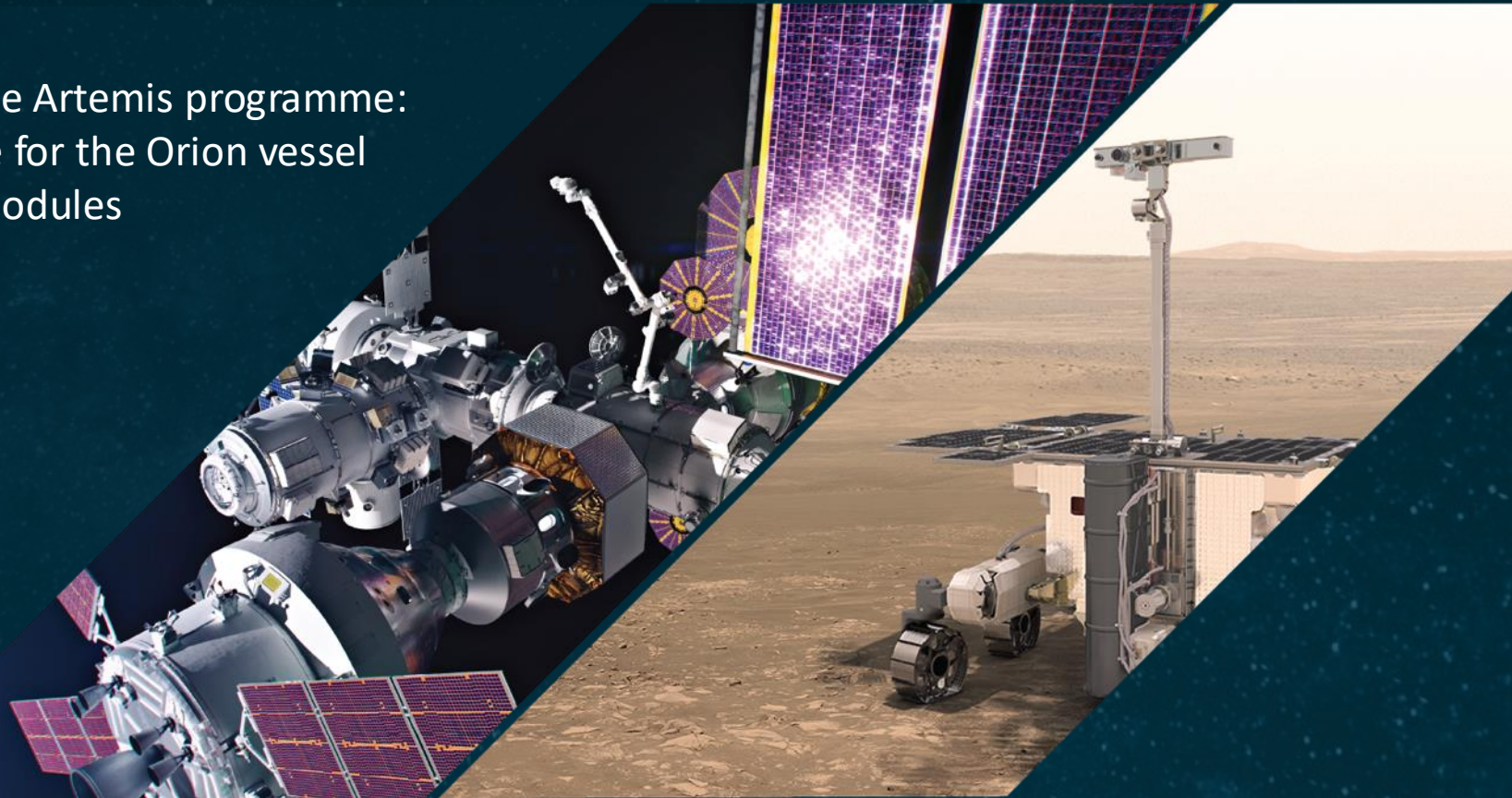
- ◆ Drilling into the Martian surface

Mars Sample Return:

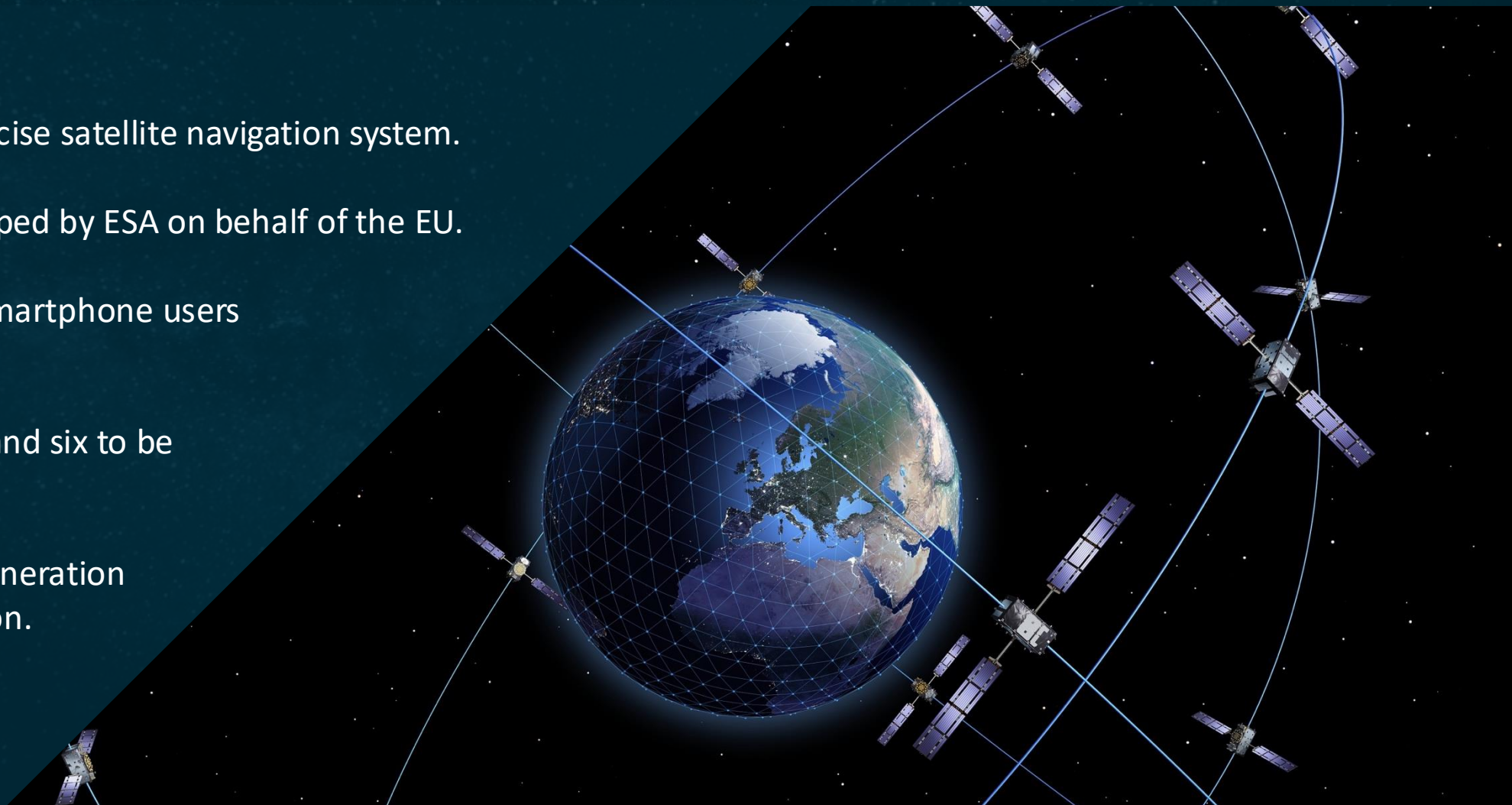
- ◆ The first round-trip to the Red Planet

Argonaut:

- ◆ will support international exploration on the Moon's surface



- ◆ The world's most precise satellite navigation system.
- ◆ Designed and developed by ESA on behalf of the EU.
- ◆ Serving four billion smartphone users around the globe.
- ◆ 32 satellites in orbit and six to be launched
- ◆ 12 Galileo Second Generation satellites in production.



- ◆ The Earth observation component of the European Union's Space programme is the largest such programme in the world.
- ◆ The family of Sentinel satellite was developed by ESA to meet the operational needs of the Copernicus services.
- ◆ The technology of each mission, such as radar and multi-spectral imaging instruments, depends on the application requirement for land, ocean and atmospheric monitoring.



Solar Orbiter: studying the Sun up close

Gaia: ESA's billion-star surveyor



Juice: Jupiter Icy Moons Explorer

Euclid: Exploring the dark Universe

