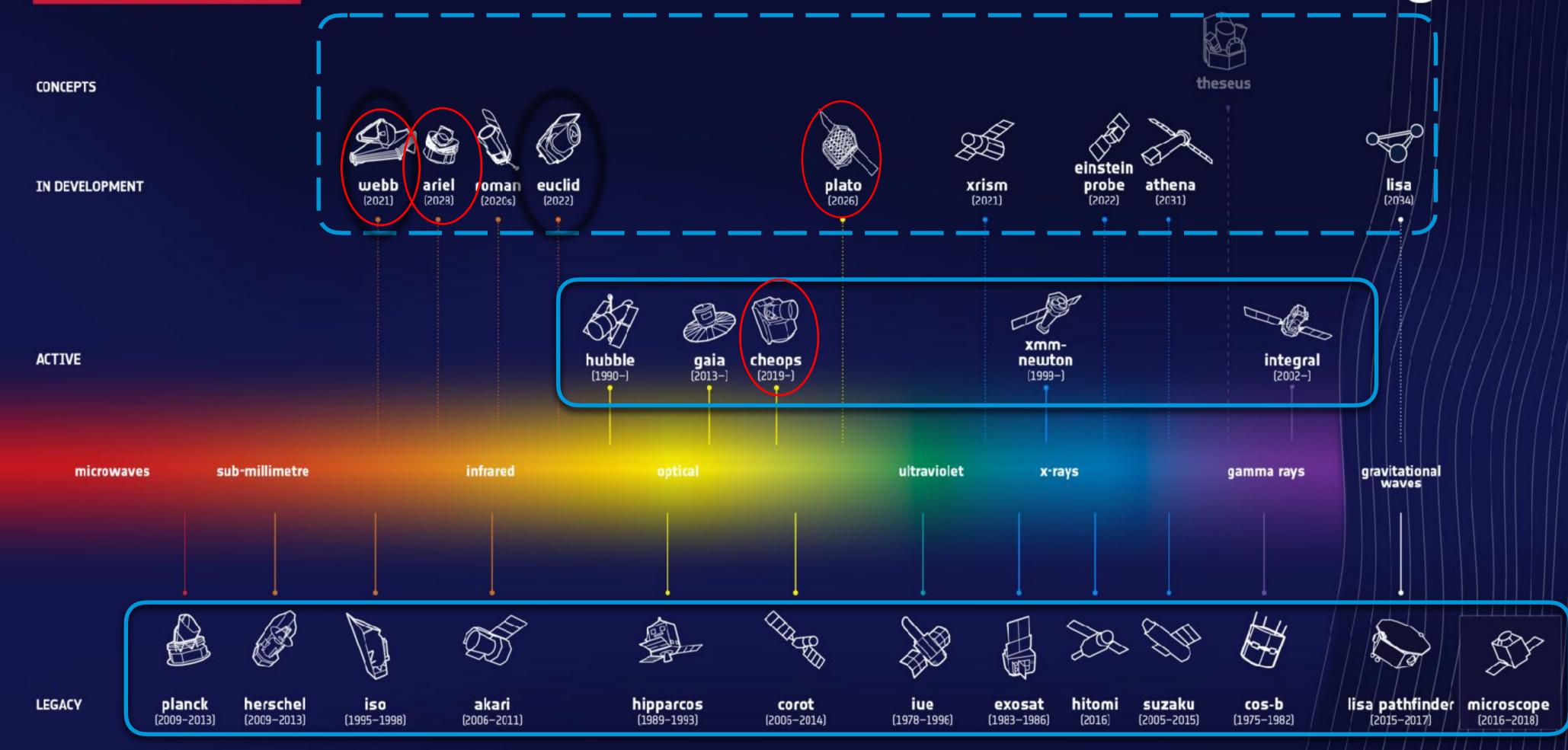


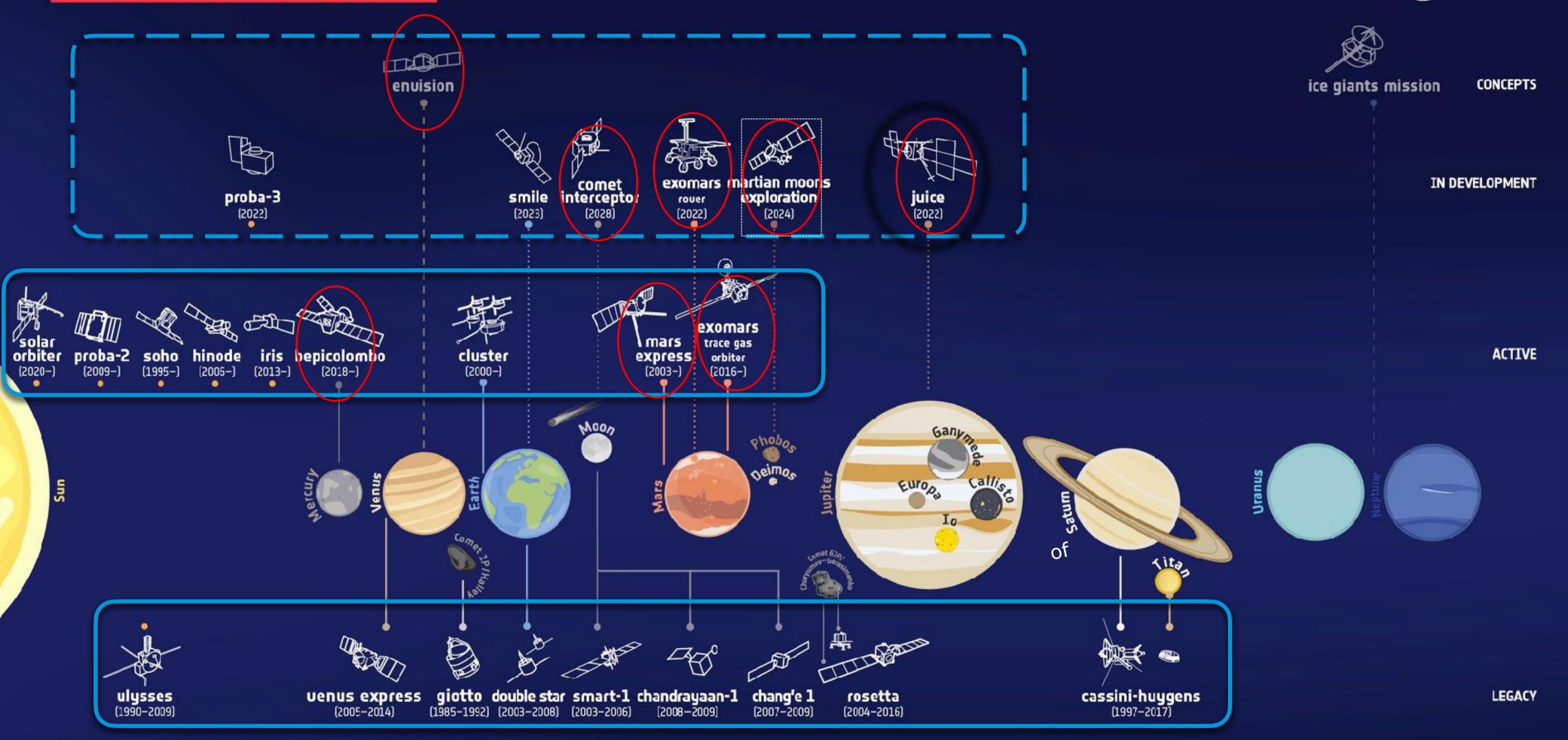
COSMIC OBSERVERS





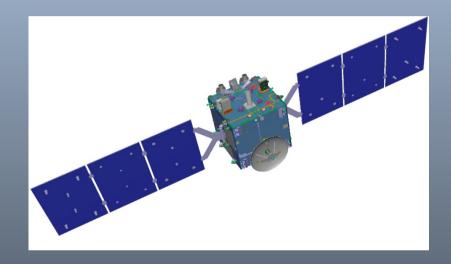
→ SOLAR SYSTEM EXPLORERS

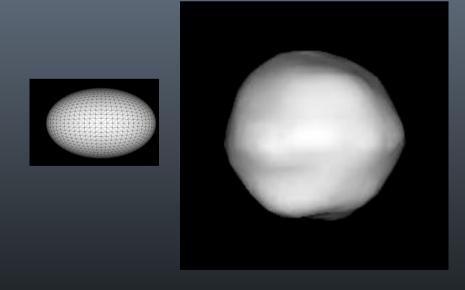




Missions Outside the Science Directorate

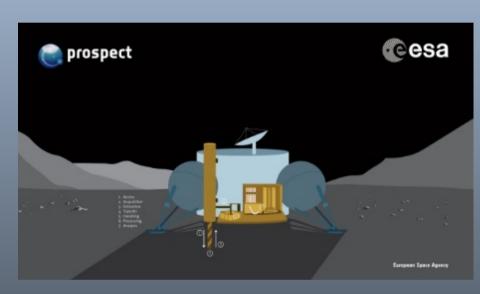
Hera 2024





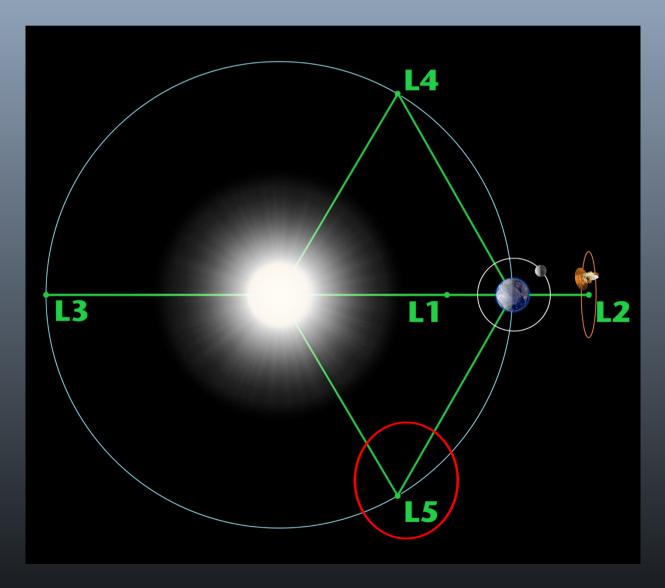
Didymos

Prospect 2022 (Luna 27)





Space weather mission (formerly known as Lagrange)
202X





Science Programme Committee Outcome

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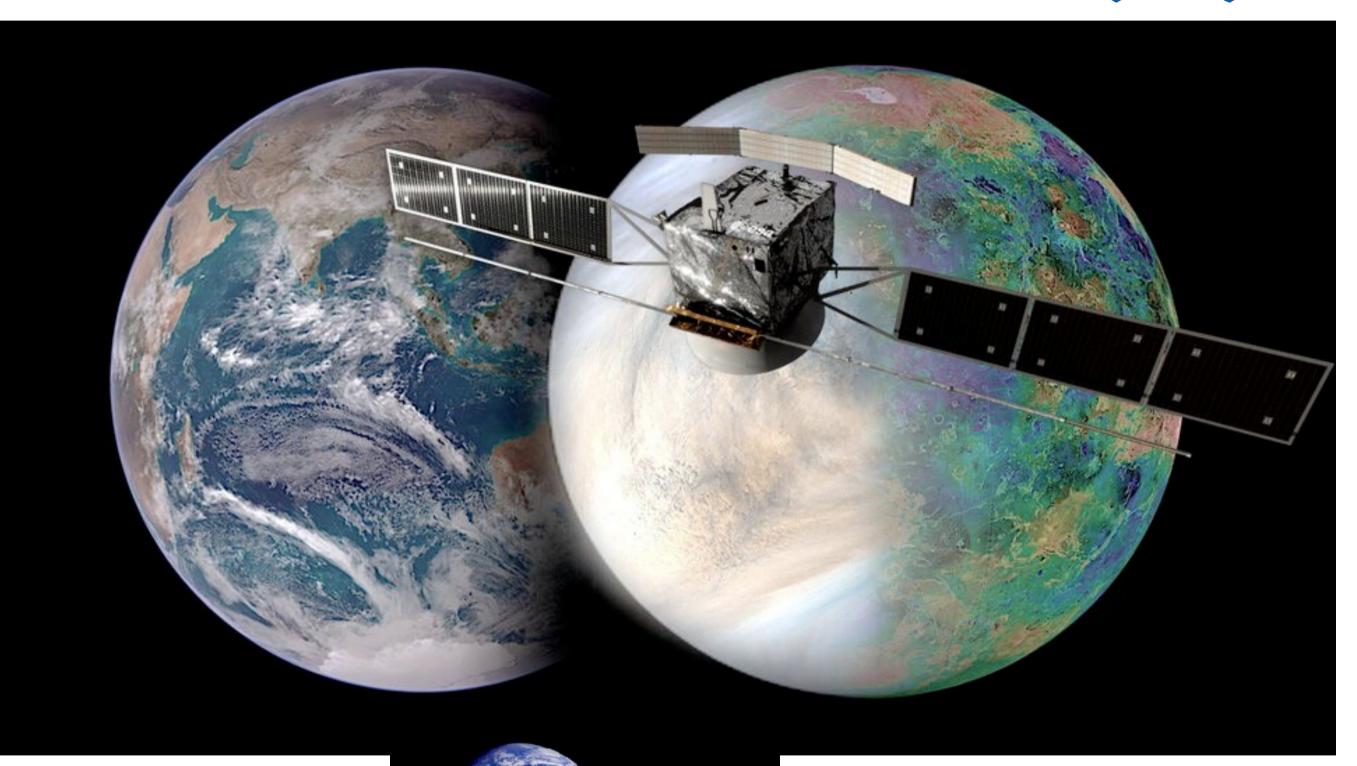






The SPC selected EnVision as ESA's next M-class mission (M5)





Science goals:

Determine the level and nature of current activity

Determine the sequence of geological events that generated its range of surface features

Assess whether Venus once had oceans or was hospitable for life

Understand the organising geodynamic framework that controls the release of internal heat over the history of the planet

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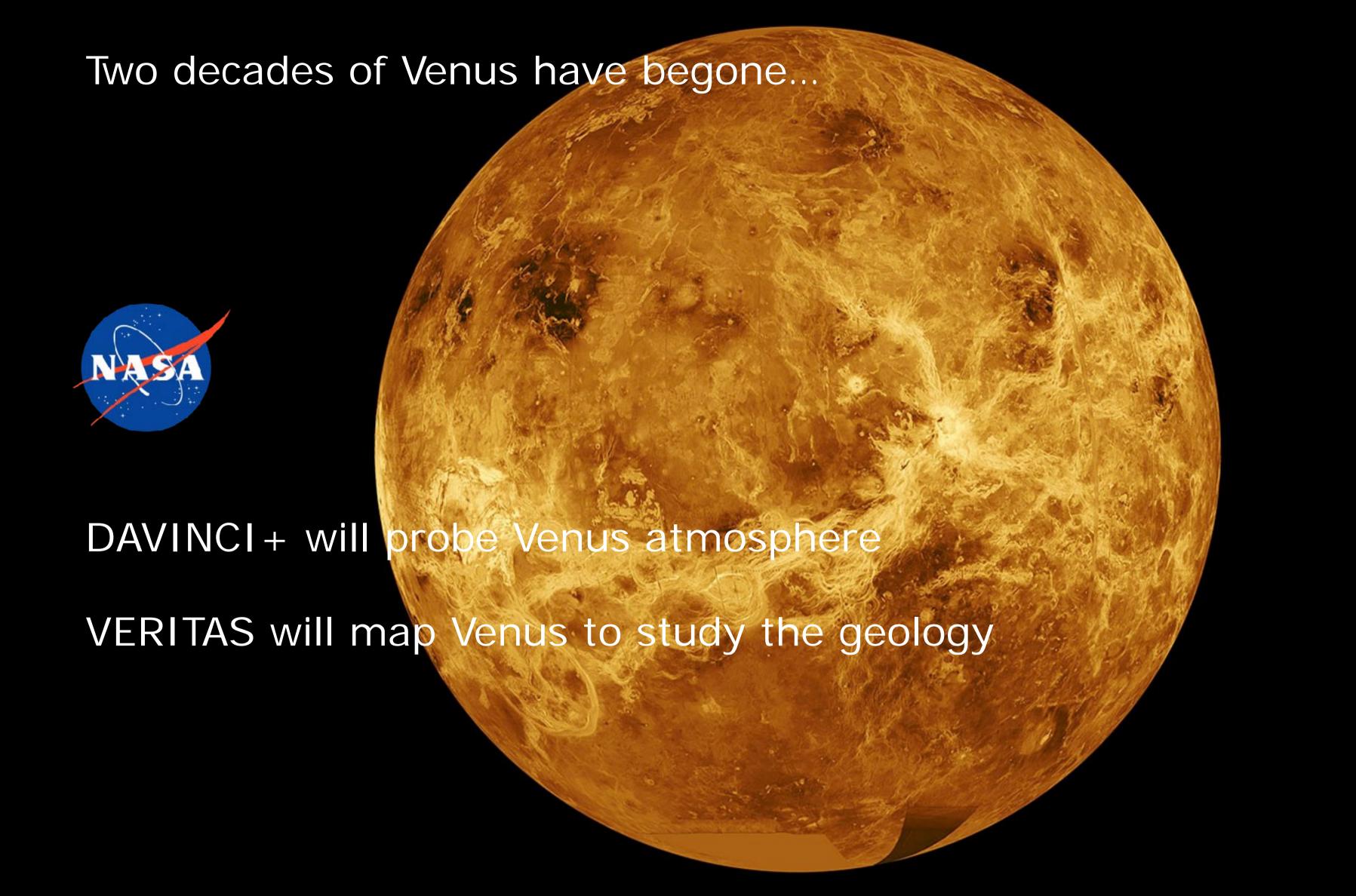


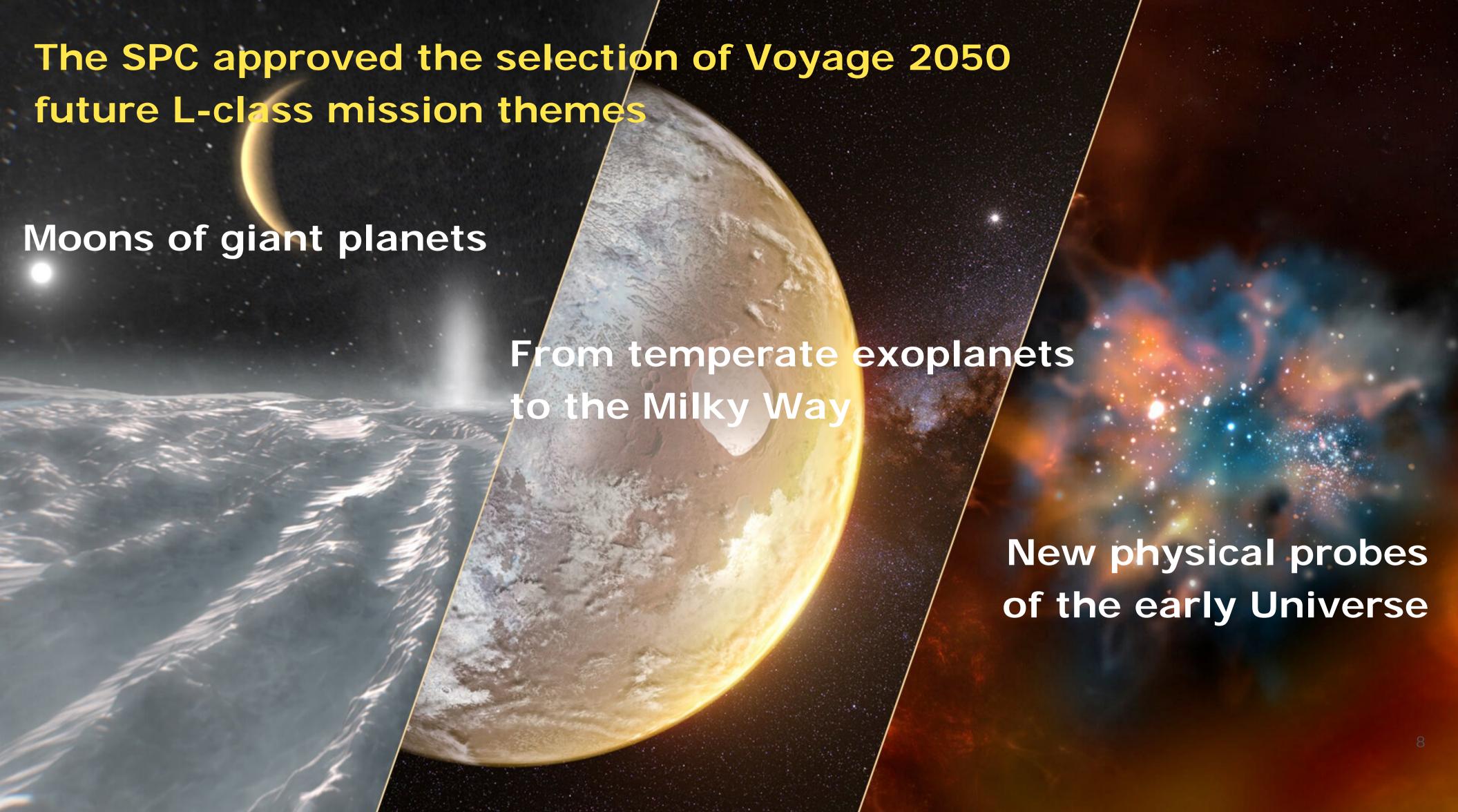














The SPC approved the selection of longer-term technology developments

Cold atom interferometry (atomic clocks)

X-rays in high-resolution (interferometry)

Collecting and storing cryogenic samples of cometary ices (sample return mission)

Propulsion for Reaching High-Heliographic Latitudes (outer Solar System)

Voyage 2050 also proposed many M-class themes and contributions to international missions

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