

National Aeronautics and
Space Administration



EXPLORE SCIENCE

**Lori S. Glaze, Ph.D., NASA Planetary
Science Division Director**

**Planetary Science Advisory
Committee (PAC) Meeting**

December 5, 2022

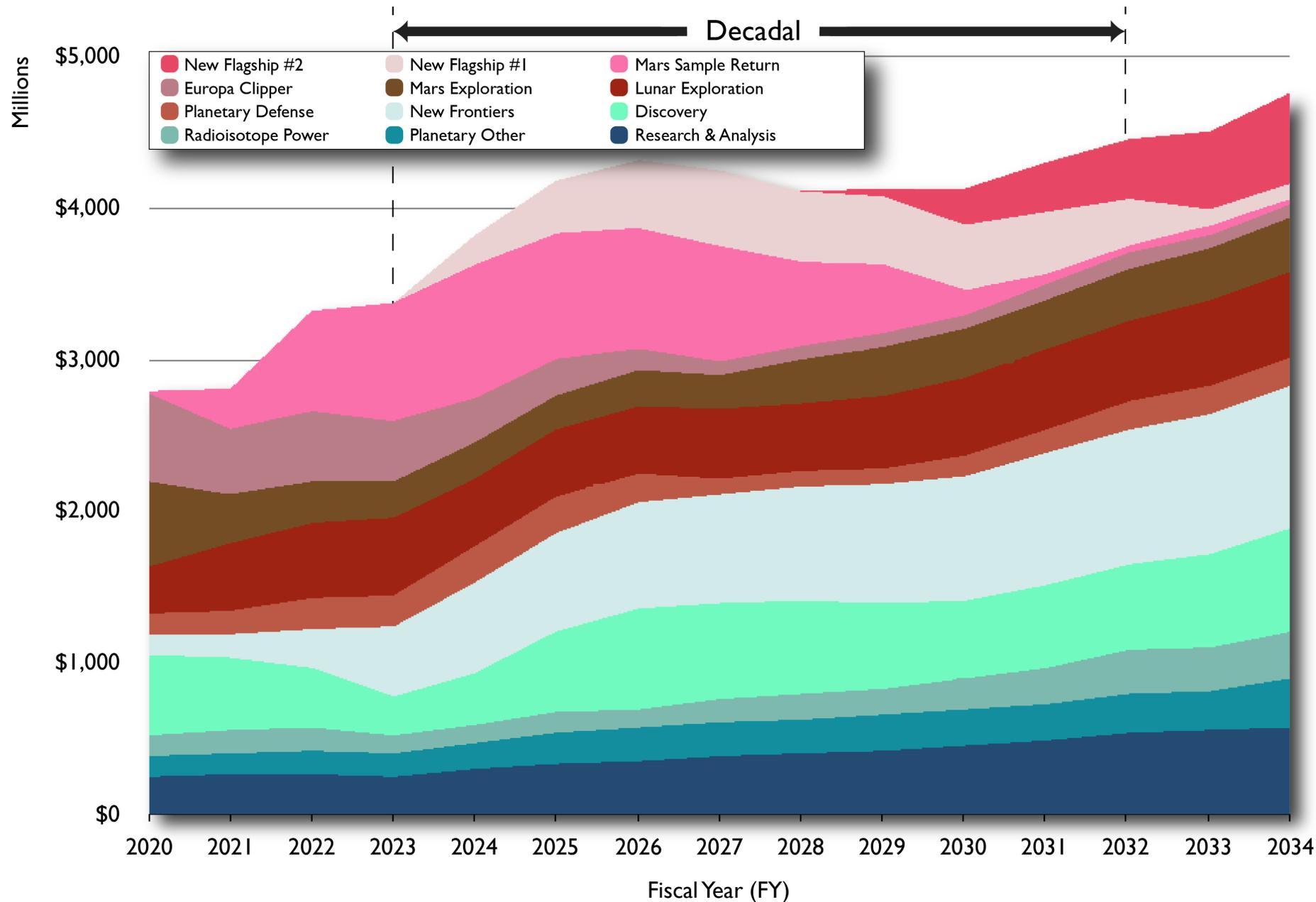
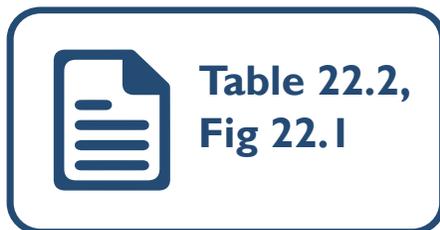
Planetary Science and Astrobiology Decadal Survey 2023–2032

- ***Origins, Worlds, and Life*** released April 19, 2022
- Initial written and public townhall response [available online](#)
- Will report to CAPS on progress going forward
 - Next planned CAPS meeting: March 2023



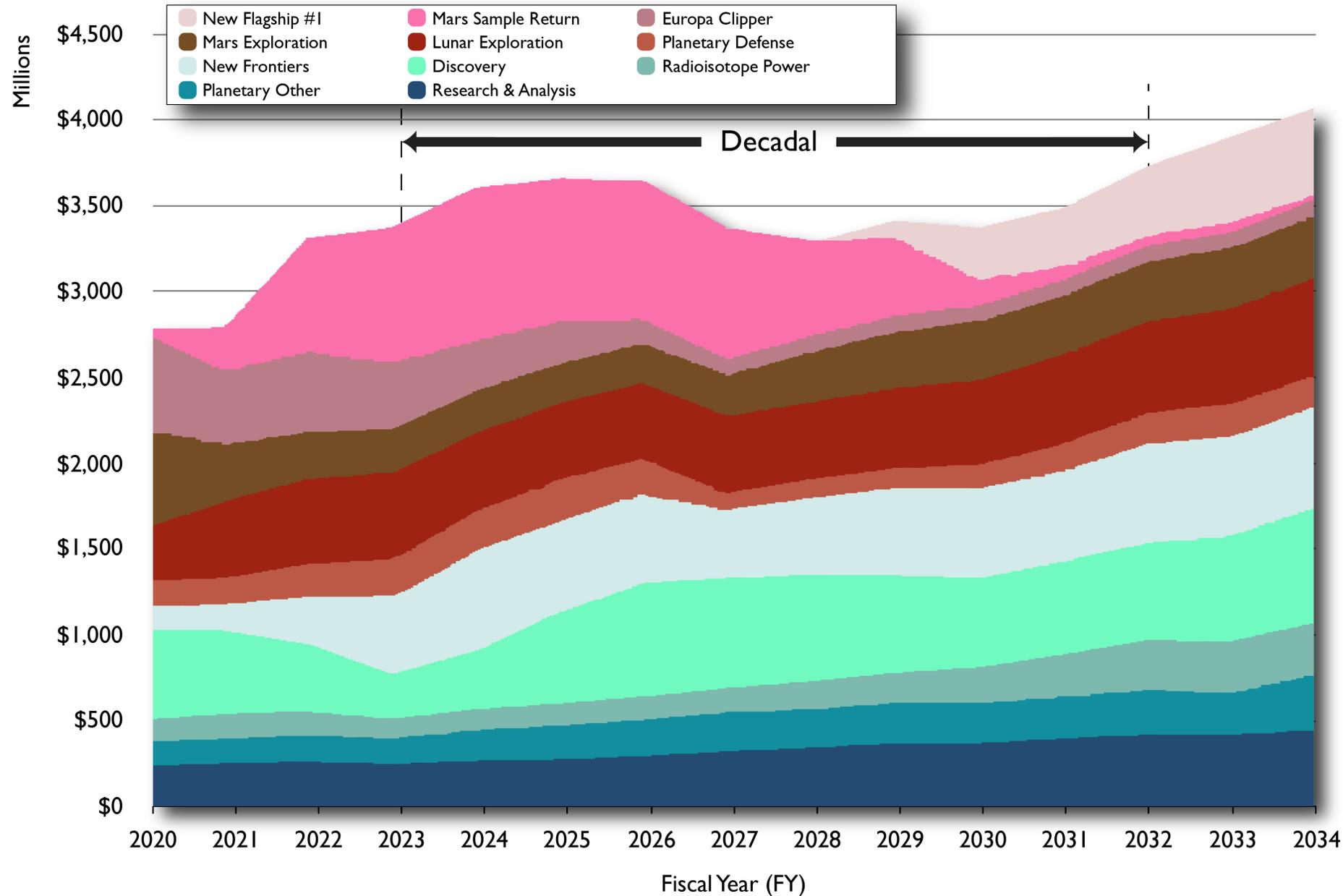
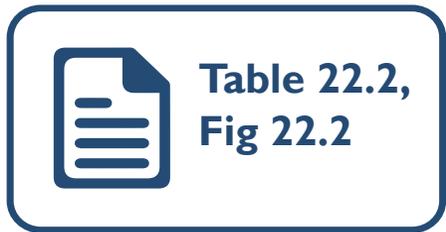
Recommended Program

**Total PSD budget
FY23– FY32:
\$41,120M**

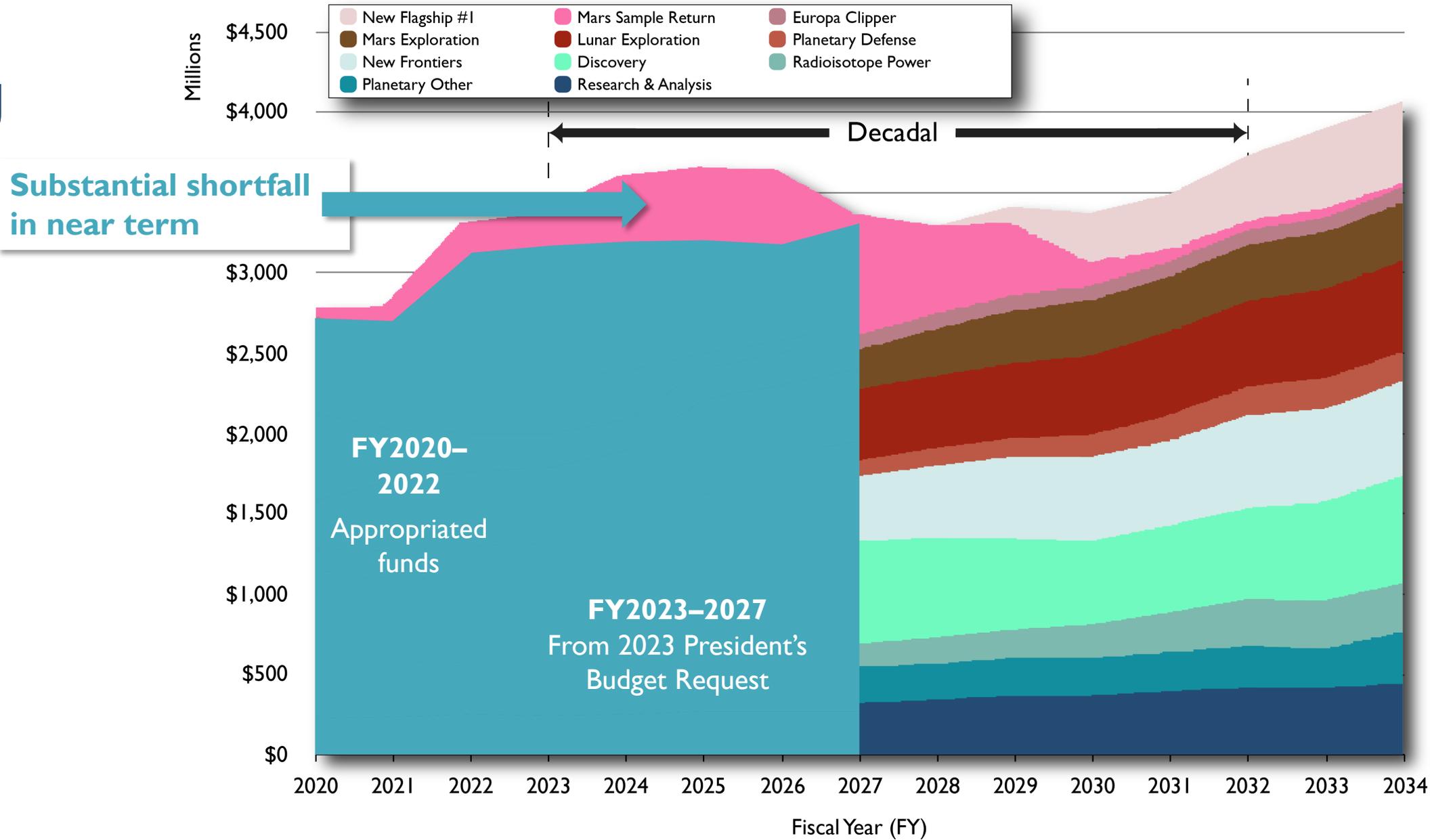


Level Program

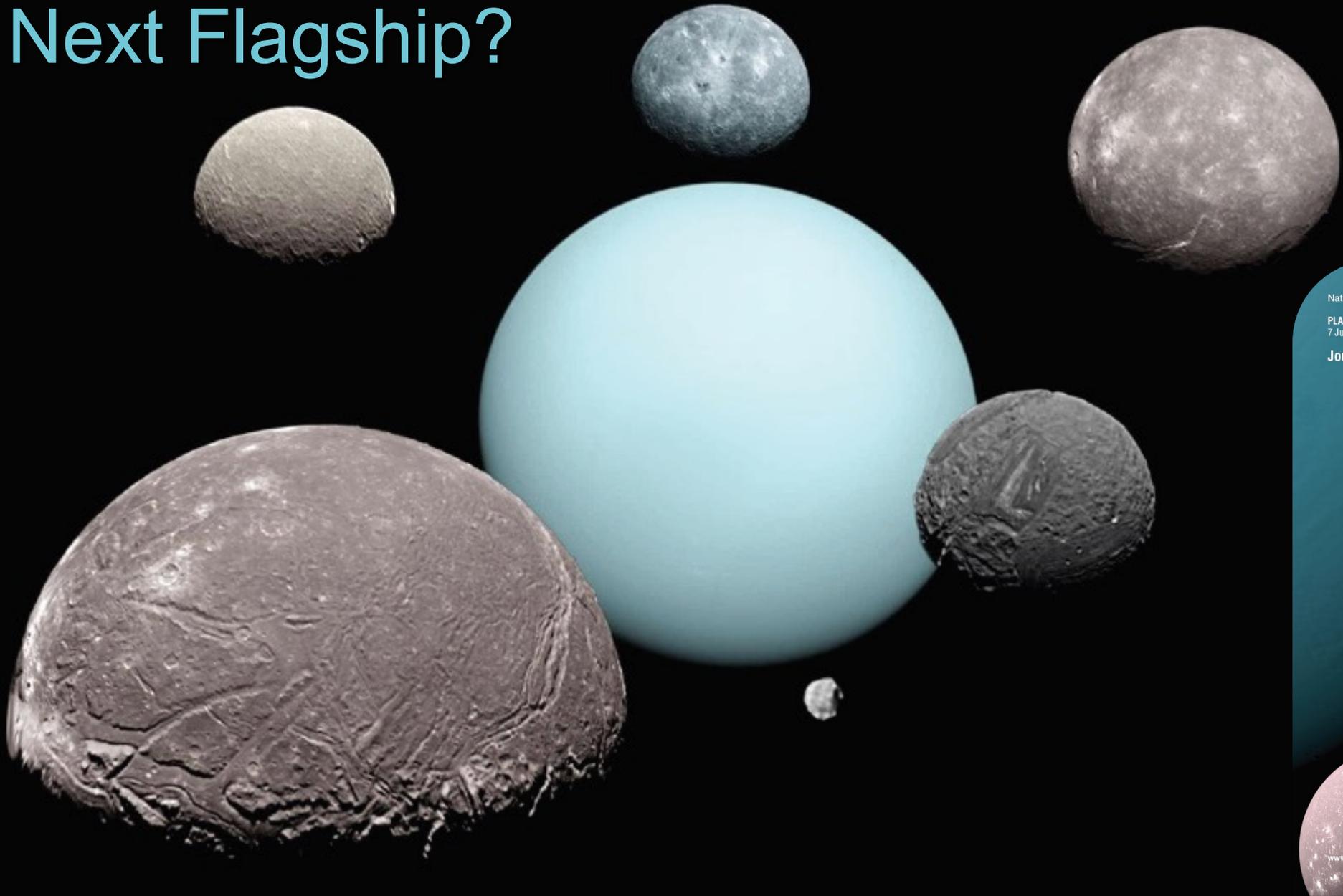
**Total PSD budget
FY23– FY32:
\$34,990M**



Current Planning Budget



Next Flagship?



 **Chapter 22**

National Aeronautics and Space Administration
PLANETARY MISSION CONCEPT STUDY FOR THE 2023-2032 DECADAL SURVEY
7 June 2021



Journey to an Ice Giant System

URANUS
ORBITER & PROBE



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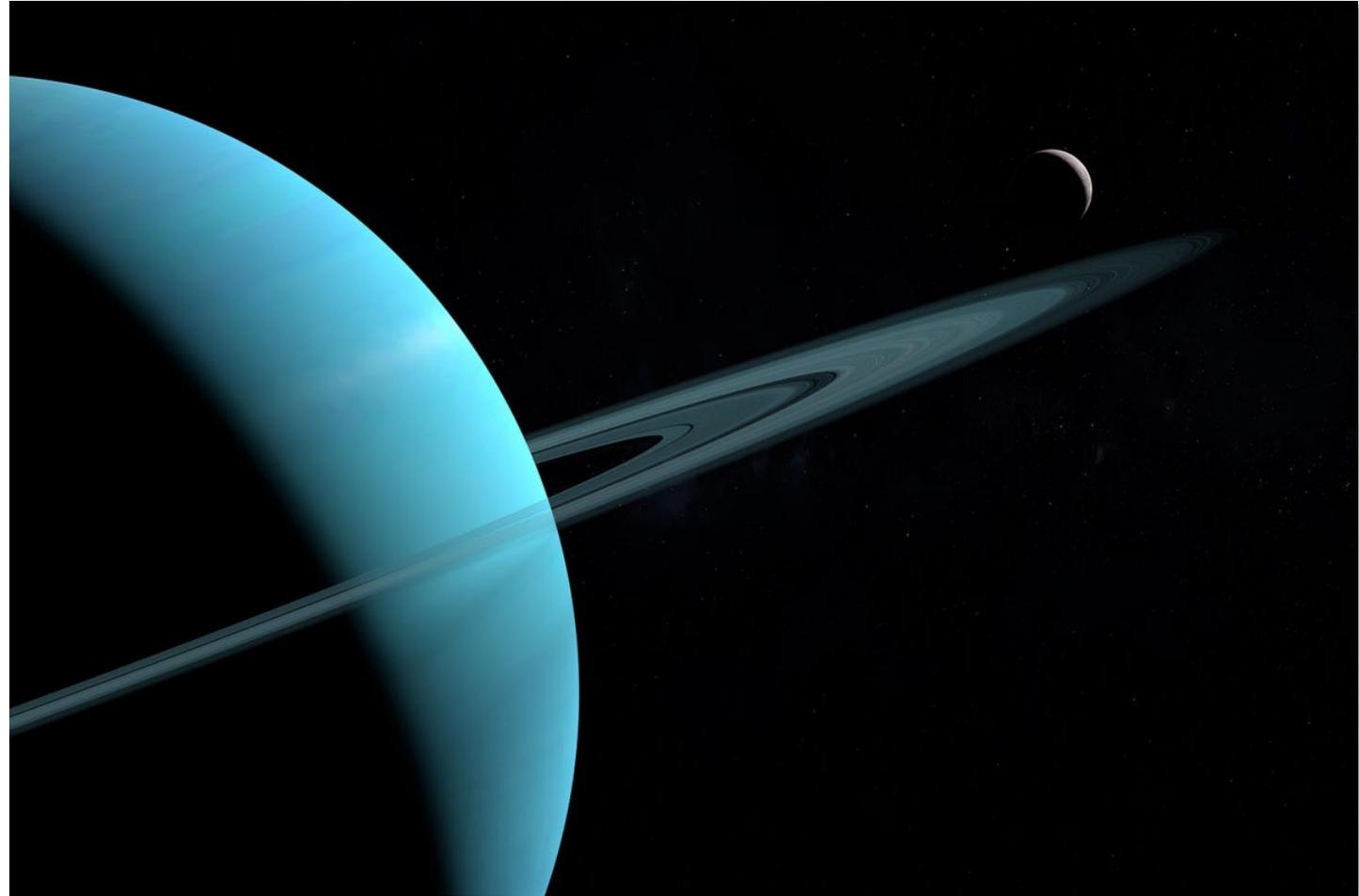
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Uranus Flagship Status

- Science and mission concept are well established, well studied, and strong
- Working on a plan for **limited technical studies** (rather than large STDT) and **early payload selection**
 - Need NASA and other stakeholders on board before plan is public
- **Patience and flexibility!** This will be a long road

Near-term activities

- Trajectory studies for later launches and longer cruises
- Focus the broad trade space of payload scale and strategy
- Prepare for FY25 budget this spring



Technology



Rec. 21-2

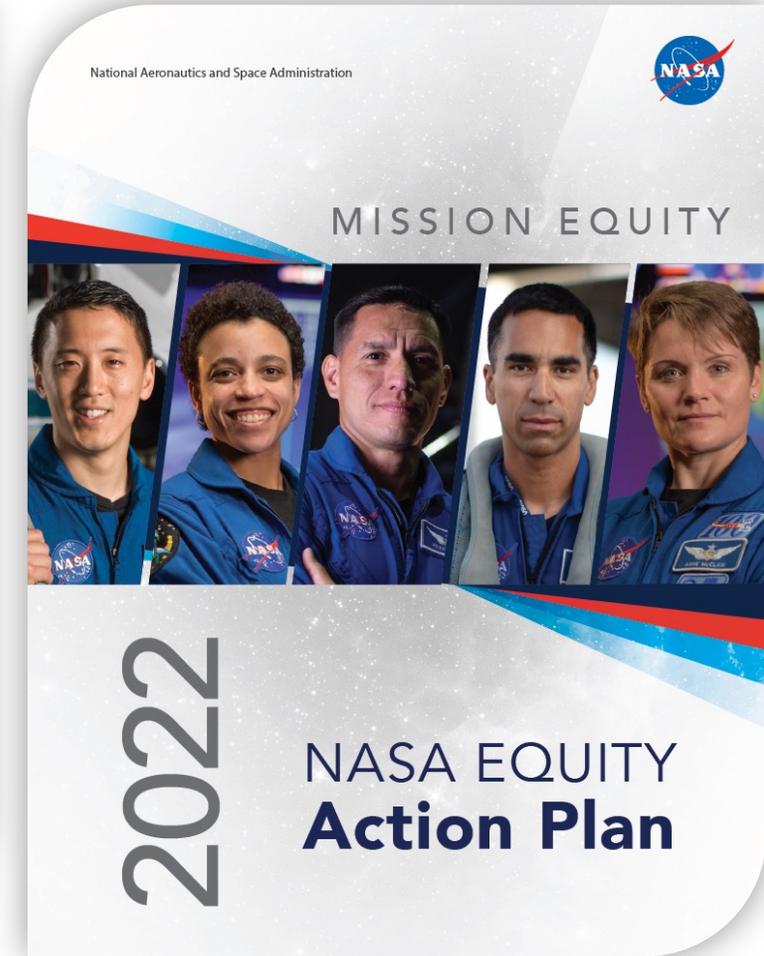
2015 PSD Technology
Plan [available online](#)



State of the Profession



Chapter 16





EXPLORE

With Us