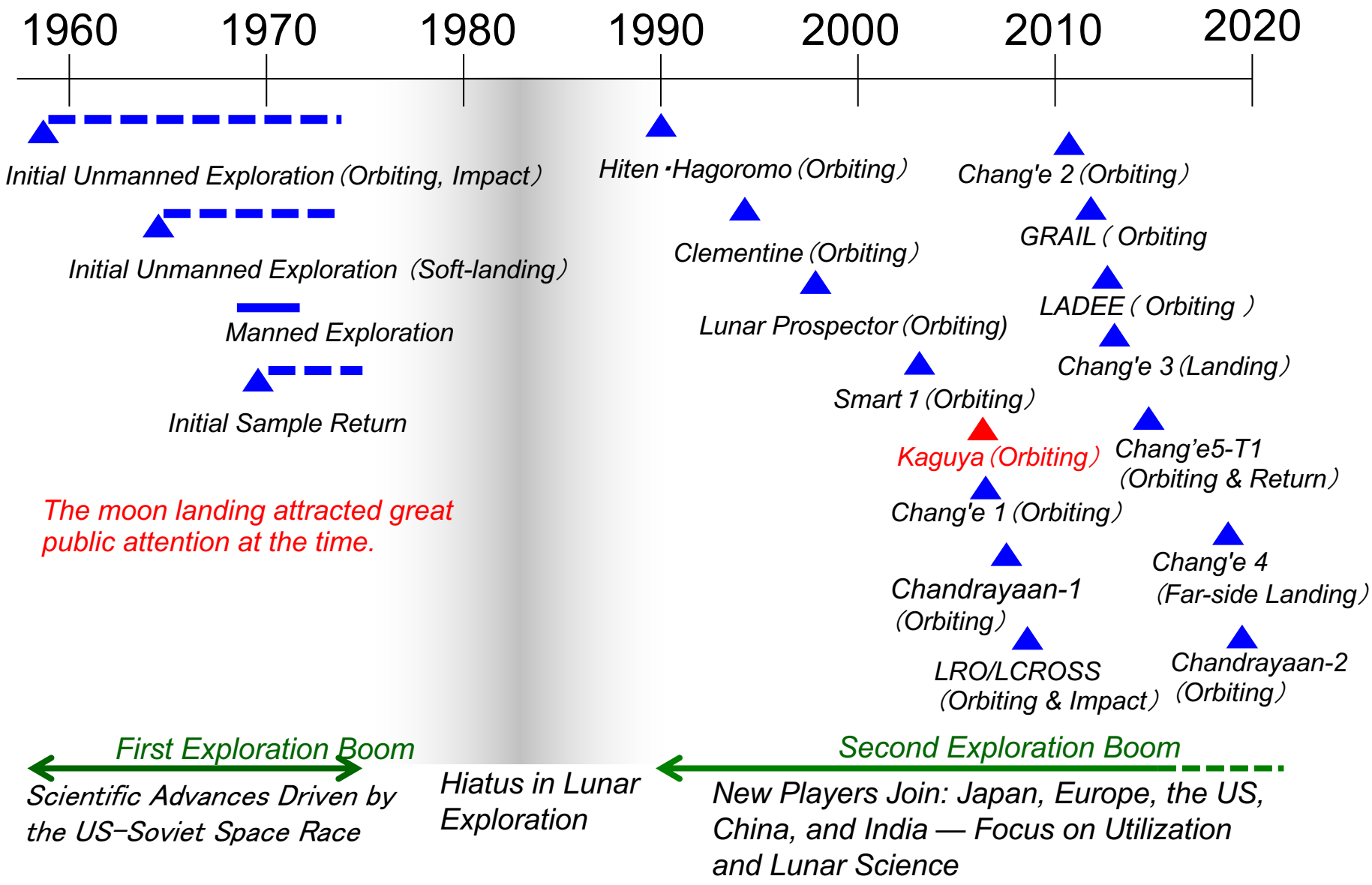
Scientific Exploration and Study of Utilization（～around 2020）



Preparation for Practical Lunar Utilization (around 2020～)

2020 — 2030 — 2040

International Space Station, budget termination

2020.12 Chang'e 5 (China) (Sample Return)

2023.8 Chandrayaan-*3 (India) (South Pole Landing)*

2024.1 SLIM (Japan) (Landing)

2024.2 IM-1 (USA) (First Lunar Landing by a Private Company)

2024.5 Chang'e 6 (China) (Sample Return from Far-side)

2025.3 Blue Ghost Mission 1 (USA) (Private Company, Landing)

2025.3 IM-2 (USA) (Private Company, Landing)

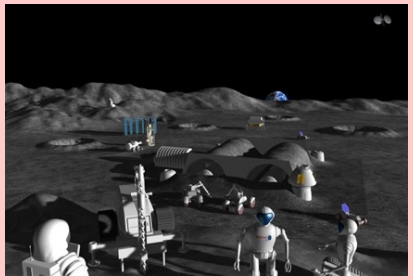
~2026 LUPEX (Japan・India Joint) (Lunar South Pole Landing Mission)

~2027 ispace HAKUTO-R M3(Japan) (Private Company) (Landing)

~2027 Runa 26 (Russia) (Orbiting)

Artemis Program (led by the United States, with participation from Europe, Japan, and others):
The originally planned crewed lunar orbital station (Gateway) was canceled in 2025 due to policy changes under the Trump administration.
Artemis I, an uncrewed lunar orbit mission, was completed in 2022.
Artemis II, a crewed lunar orbit mission, is scheduled for around 2026.
Artemis III, a crewed lunar landing mission, is planned for around 2027.
Missions beyond Artemis III remain uncertain.

Lunar Research Station Initiative (led by China, with participation from Russia and others):
Around 2026, Chang'e 7 will explore the lunar south pole.
Around 2028, Chang'e 8 will conduct sample analysis and in-situ resource utilization experiments on the Moon.



Unmanned

Manned