

Moonlight

Towards a new paradigm in
Lunar exploration

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ESA UNCLASSIFIED - For Official Use

A dedicated **COM and NAV infrastructure** serving many moon missions

For a more efficient return to the Moon



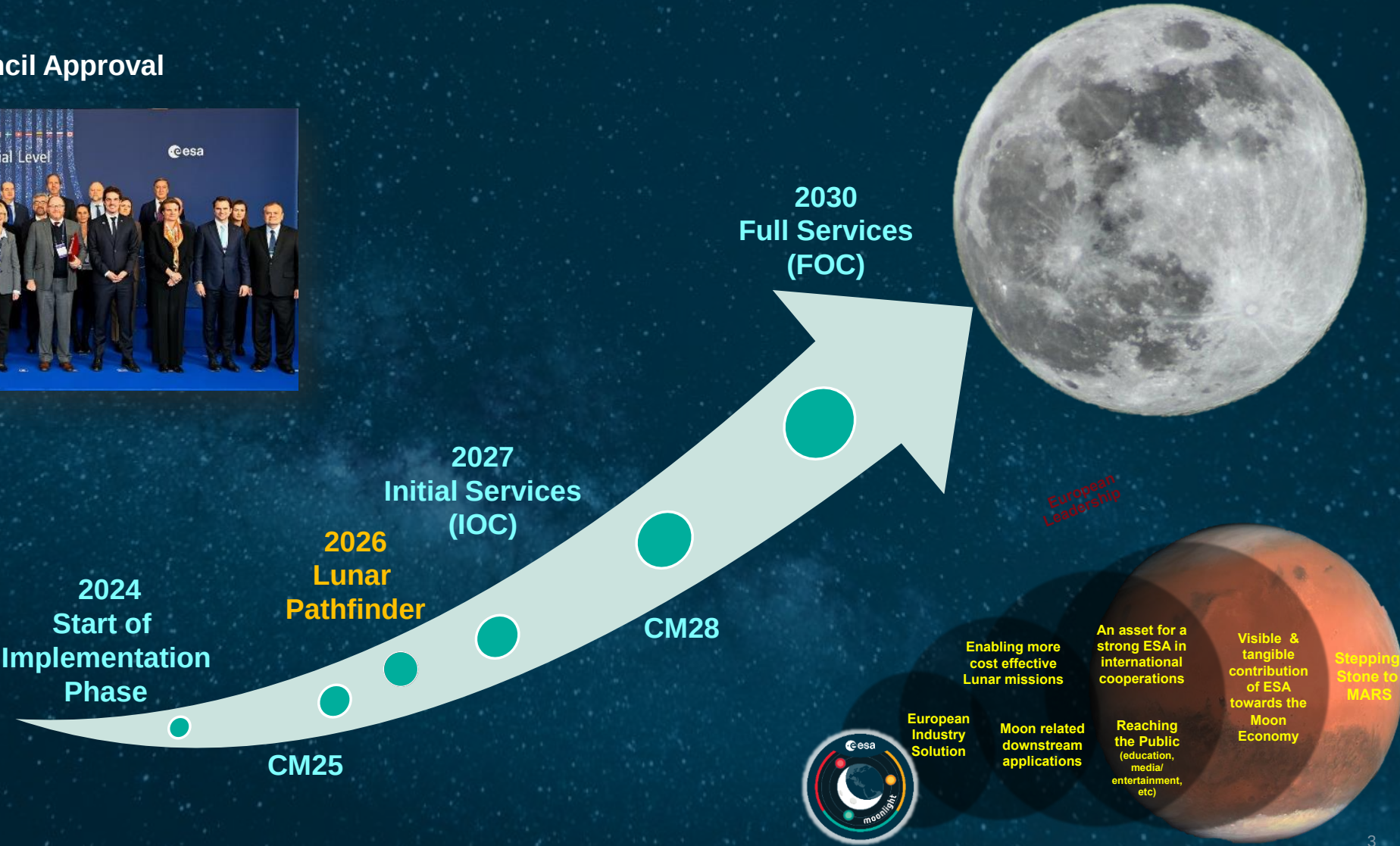
Opportunity to kick start **new services...**

... and contribute to Moon economy

Moonlight Lift Off : Implementation to start in Q1 2024



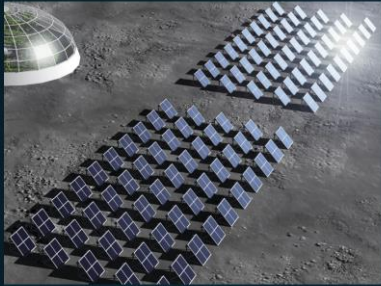
2022 Ministerial Council Approval



LUNAR ECONOMY APPLICATIONS – ESA OPEN CALL



Electricity



Solar panels: artist's impression of Moon base concept.
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Water, Hydrogen, Oxygen



Prospecting: artist's impression of a Moon lander and rover.
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Transport & Logistics



Transport vehicles: artist's impression of Moon base concept.
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Habitation



Astronaut in front of habitat: artist's impression of Moon base concept.
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Food & Waste Management



Lunar food production and activities: artist's impression.
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Construction & Manufacturing



Habitat construction: artist's impression of Moon base concept.
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Health



Preserving the health of inhabitants: artist's impression.
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Entertainment & Education



Connectivity on the Moon: artist's impression. © ESA–European Space Agency

ESA is seeking promising business ideas

- 200 kEuro studies
- Personal ESA consultant
- Tec & commercial guidance
- Access to our network of partners
- Credibility of the ESA brand
- Closes 12 February 2024



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