



A New Lunar Mission for Everyone

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# Overview

- International robotic mission to the Moon's south pole ~2024
- Deep drilling for science
- Investigating a future manned base
- Billion year archive of life on Earth
- Mass participation, inclusive education and funding
- Preliminary crowdfunding successful

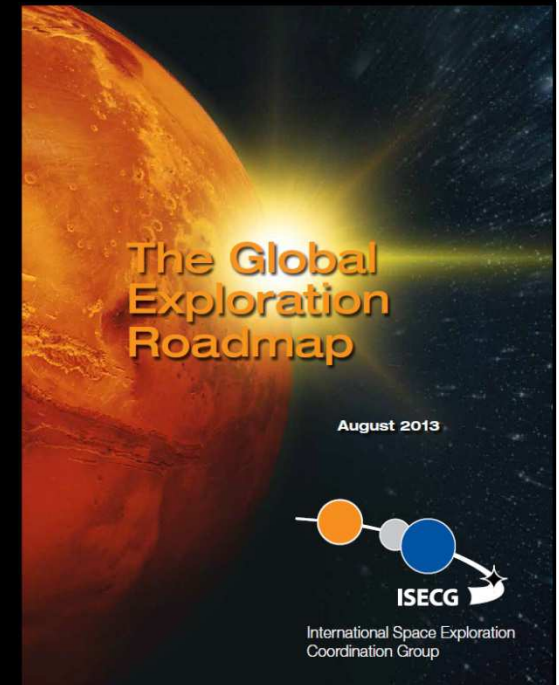


“By drilling we will unlock billions of years of geological history related to the origin and evolution of the Earth-Moon system.”

Professor Ian Crawford, Department of Earth and Planetary Sciences,  
Birkbeck College, University of London

# Context – Global Exploration Strategy

- New phase in exploration underway
  - Moon, Mars and beyond
  - Mix of robotic & manned
  - International collaboration is key
- Commercial investment and management
  - Launchers & spacecraft
  - Complements government programmes
  - New funding models
- Increasing involvement of citizens



*Lunar Mission One advances these trends*

# Education

- Online interaction and direct involvement
  - Archive/culture, science, technology
- Schools, worldwide
  - All cultures, ages, abilities
- Informal learning & specialist projects
- Club volunteers and professional institutions
- Supports marketing awareness



# Public and Private Archive

- Comprehensive record of Life on Earth
  - Human history and civilisation
  - Database of biosphere/environment
- Private information and DNA code
  - Basis for project funding
- Billion year survival
  - Exceptional preservation conditions
- Imagining the future
  - Preservation, Discovery, Recovery



# Science and Technology

- Precision landing
- 20-100 metres deep
  - Remote controlled wire-line drilling
  - Lunar geology & history
- Opportunities & hazards for a permanent manned base
- Radio astronomy investigation
- Sample return via second mission
- Commercial international consortium
  - Technology & operations
  - Spin-out opportunities



# Private funding, public authority

- Private archive, consumers worldwide
  - Early reservations & club membership for enthusiasts
  - Later large scale global marketing, franchised local sales
  - \$50-\$500 typical, \$1 low cost entry
- Revenue projection \$ Billions
- Cost ~\$1.5 Billion for space project and public engagement
- International Public Private Partnership
  - Opportunities for governments
- All surplus to non-profit Trust for further space science & exploration

*An enduring financial and educational legacy*



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