



ISEF2 and Beyond *towards International Space Exploration*

22 June 2018

Mika Shozaki

Director, Office of Space Utilization Promotion,
Ministry of Education, Culture, Sports, Science and Technology (MEXT)
JAPAN

ISEF2 (The 2nd International Space Exploration Forum)



- ◆ Date: 3rd March, 2018
- ◆ Place: Tokyo, Japan
- ◆ Participants: Ministers and head of space agencies from 45 countries and international/inter-governmental organizations



Outline of ISEF2



- ◆ Panel discussions on the three themes;
 - ❑ Significance and benefit of space exploration
 - ❑ Promotion of international space exploration
 - ❑ Implementation of human and robotic space exploration

- ◆ A wide-range of activities on space exploration were introduced.
 - ❑ Side event focusing younger generation: Y-ISEF (ISEF for Young Professionals)
 - ❑ Side event focusing industry: I-ISEF (ISEF for Industry)
 - ❑ UNISPACE+50 focusing on global partnership in space exploration and innovation

- ◆ Discussion results were compiled to three outcome documents.
 - ❑ Tokyo Principles for International Space Exploration
 - ❑ Joint Statement
 - ❑ ISEF Terms of Reference

- ◆ Announcement from Italy and the European Commission that the next ISEF will be held by 2021 in Europe.

Summary of ISEF2 Outcomes



Tokyo Principles for International Space Exploration

- Peaceful purpose & benefits for humankind, including adherence to the Space Treaty, etc.
- Exploration enables science, and science enables exploration.
- Implementable, evolvable, and affordable
- Aspirational and inspirational
- Respect for space policies and projects of each country / organization
- Promotion of international cooperation and collaboration
- Cooperation with academic and private sector
- Opportunities for creation of new markets and economic expansion
- Sustaining outer space environment
- Continuity by step-wise approach

Summary of ISEF2 Outcomes



Joint Statement

- Significance of space exploration;
To explore new frontiers and to expand areas of human activity
- Reasons for national investments in space exploration and values obtained;
Space exploration contributes to economic growth and societal well-being for all citizens on Earth.
- Significance of international cooperation;
To enhance effective and efficient space exploration based on shared visions and goals
- Increasing number of new players;
Importance of innovative partnerships with newly involved countries and private sectors
- Internationally shared vision and goals;
Extending deeper into the solar system, from low-Earth orbit through the Moon to Mars and beyond is a goal widely shared by the international community.
- Continuation of ISEF as a ministerial-level forum for advancing support for sustainable international space exploration

Terms of Reference: Basic parameters to make the ISEF a continuous international effort.

ISEF2 Side Events



Objectives:

- ◆ Engage more people with different backgrounds
- ◆ Find opportunities for business innovation
- ◆ Education and networking for young professionals

I-ISEF

(Business Conference
for the Industry)

March 2



Y-ISEF

(Workshop for
Young Professionals)

Feb. 28 - March 3



I-SEF (ISEF for Industry)



Space industries and non-space industries discussed the future vision of space exploration business.



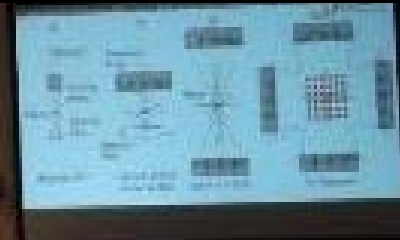
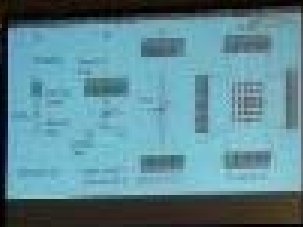
I-SEF (ISEF for Industry)



◆ 580 participants (241 companies) from 25 countries

◆ Participants from Various Fields:

Aerospace, Construction, IT, Finance, LifeScience, TeleCom Software, Infrastructure, Automotive, Media/Internet, Transport



◆ Discussions on:

- ① Values and possibilities of future space exploration industry
- ② Role of government vs role of commercial companies
- ③ Involvement of Non-space industries in space exploration
- ④ Policy Measures for the Expansion of Space Exploration Businesses

Y-ISEF (ISEF for Young Professionals)



Young professionals worked in teams to present their vision and ideas for future space exploration in a competition format.



Y-ISEF (ISEF for Young Professionals)



◆ 79 participants (18 -35 years old) from 27 countries

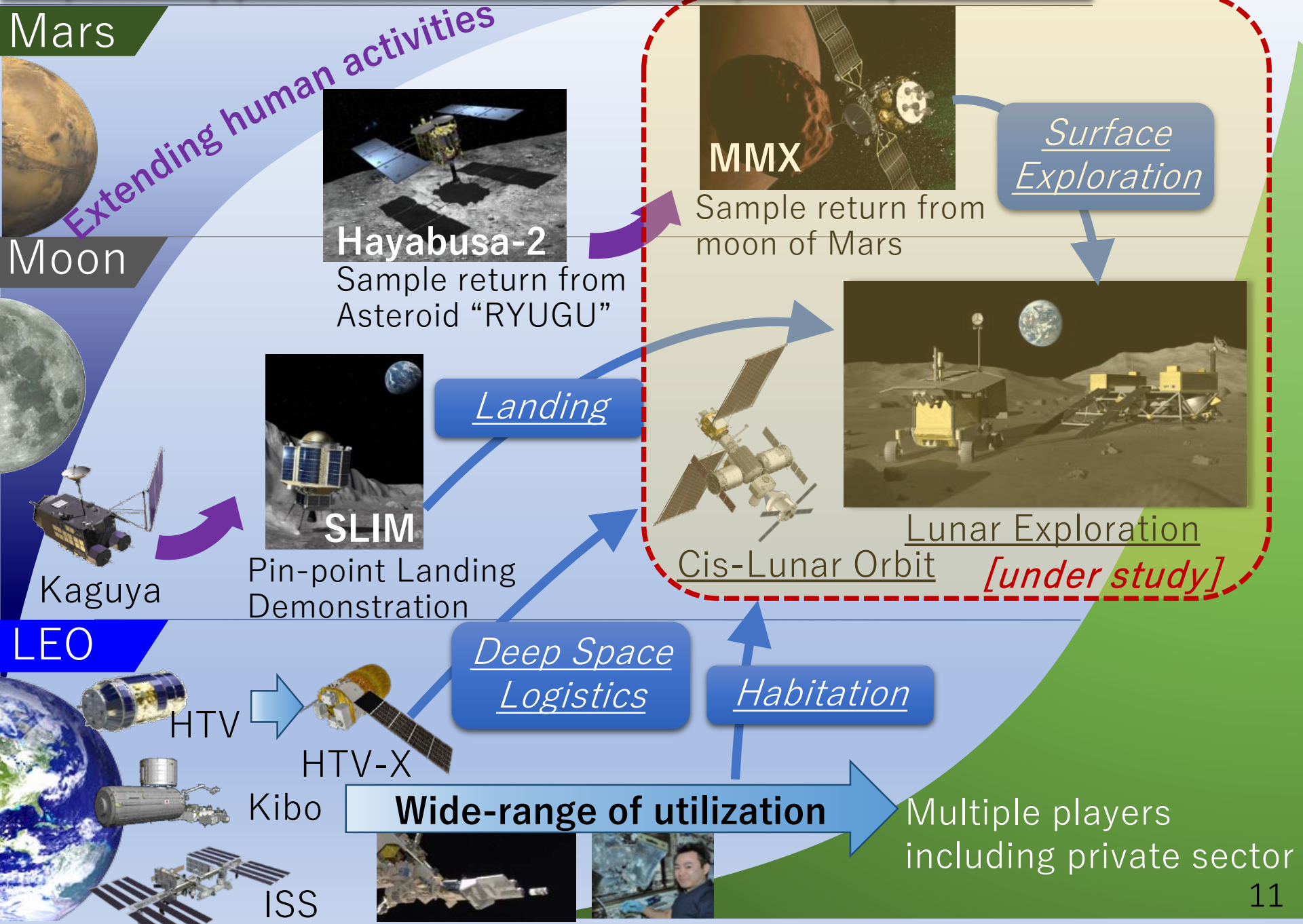
◆ Exchange ideas on
“New enterprise and activities on the moon, Mars and Asteroids”



◆ Activities:

- 2.5 months for On-line Preparation
- Workshop (Ideathon) in Tokyo (1.5 day)
- Career Mentoring (Half-day)

Japan's Approach in International Space Exploration





Thank you for your attention!

