



Moon Village Association and International Moon Day 2021 Highlights

by

Dr. Giuseppe Reibaldi

President

Dr. Nasr Al-Sahhaf

International Moon Day Group Chair

59th STSC

Vienna

11 February 2022

WHAT IS THE MOON VILLAGE ASSOCIATION ?



The Moon Village Association (MVA) created in June 2017,
to foster the implementation of the Moon Village.
MVA is Member of IAF and Observer in United Nations - COPUOS

A forum to advance development of the Moon Village involving Industry, government, space agencies, international organizations / NGOs, and the Public at large.

A catalyst stimulating a virtuous cycle of investments for the development of a lunar economy

➤ 800 INDIVIDUALS INVOLVED

FROM 60 COUNTRIES:

- 25% women
- 24% students
- 38% young professionals



>23 INSTITUTIONAL MEMBERS
FROM 17 COUNTRIES

MOON VILLAGE IMPLEMENTATION

-Working Groups/Projects-



LUNAR GOVERNANCE



- Many Lunar missions planned in future, from many countries/stakeholders will be conducted in close by locations (i.e. South Pole, orbit)
- Lack of Coordination Mechanism could lead to harmful interference
- Need to Create confidence buildings and foster peaceful cooperation
- **MVA SET UP:**
 - **GLOBAL EXPERT GROUP on SUSTAINABLE LUNAR ACTIVITIES (GEGSLA)**
 - Multi stakeholders:
 - Space Agencies/Governments, Industries, Academia,
 - Civil society/Public
- **DEFINE/AGREE:**
 - **Recommended Framework and Key Elements for Peaceful, and Sustainable Lunar Activities, this will include:**
 - Principles
 - Key Elements (i.e. information sharing)
 - Guidelines, for implementation the key elements (i.e. interoperability, debris mitigation, safe operations, etc)



TOWARDS THE LUNAR GENERATION WORKSHOP July 2021

Sponsors and Partners



SPACE GENERATION
ADVISORY COUNCIL

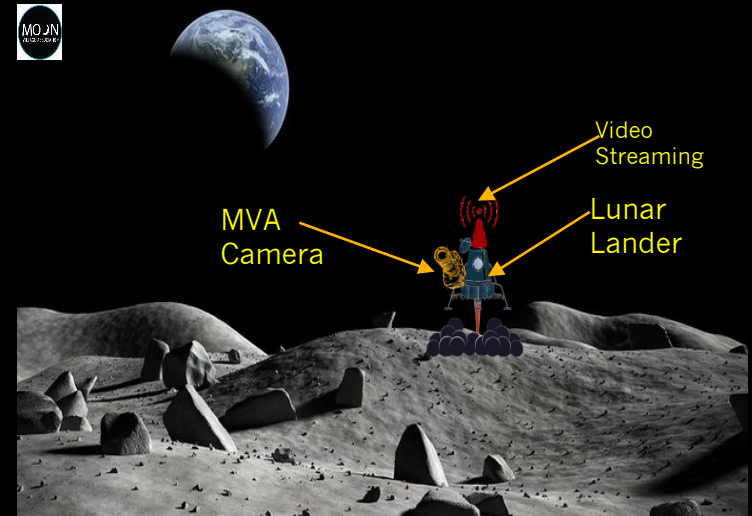


First Payload



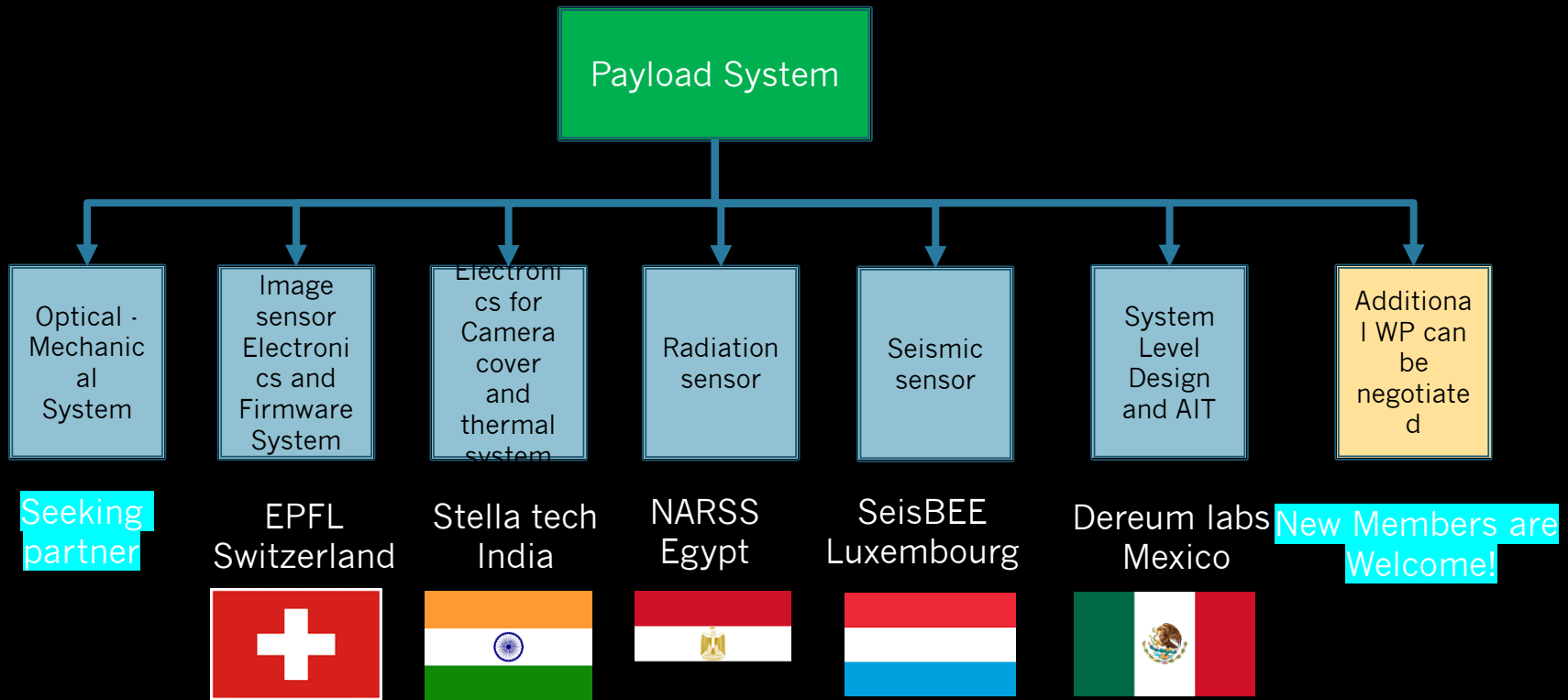
The objectives of the project are to:

1. Take a **live stream/ pictures** of the earth from the moon surface.
2. Measure the **radiation dose** at the moon surface:
use a radiation doze sensor and interpret the reading into hearable tone → scientific and outreach objective.
3. Measure the **earthquake** at moon surface:
use a seismic sensor to measure and record the readings.



Project is based on contribution in kind.

Consortium Members



Project Schedule





MVA Payload Webinar
Feb 24 @ 18:00 – 19:30 CET

Our team is currently seeking for Lunar Carrier opportunity

More partners are welcome to join the project

Please Feel free to contact us at:

ayman.ahmed@moonvillageassociation.org

5th Global Moon Village Workshop & Symposium

December 6-8, 2021
Nicosia, Cyprus



Cyprus Space Exploration Organisation



International Moon Day (1/7)

- 2021 MVA recommended, COPUOS adopted and proposed to the UN General Assembly approval of International Moon Day.
- UN General Assembly 76th session 9 Dec 2021 declared International Moon Day to be observed annually starting 20 July 2022.
- MVA, as an early advocate of IMD, takes the initiative to organize its implementation with the creation of the IMD Group



International Moon Day (2/7)



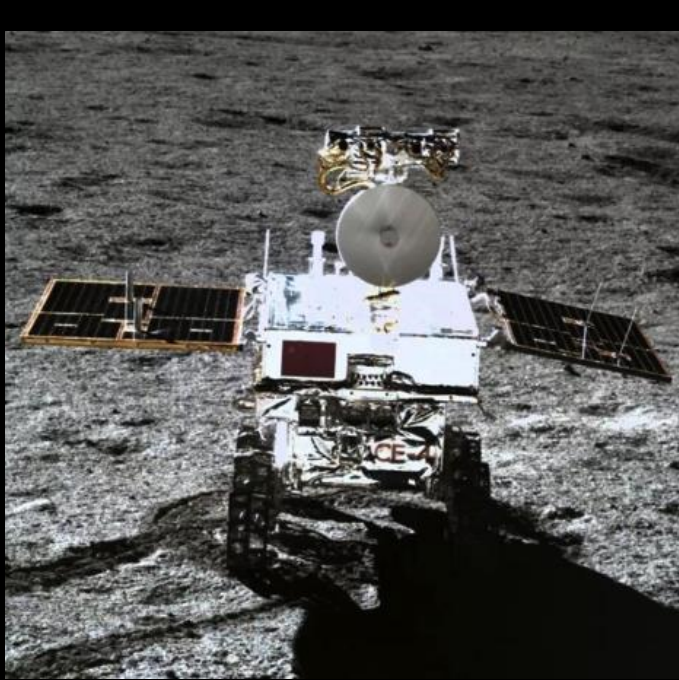
- IMD Celebration July. 20 2022
large spectrum of events all over
the world.
- Public, youth through education,
space communities,
governments, agencies,
industries, laboratories, and
universities.



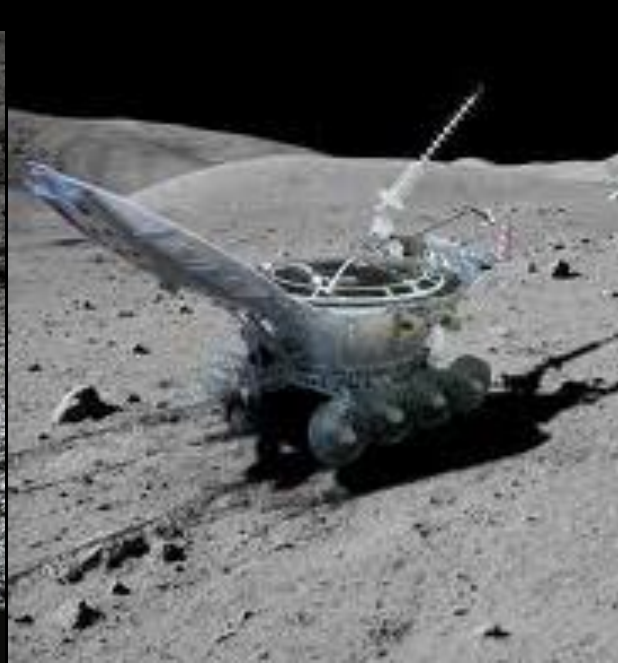
International Moon Day (3/7)



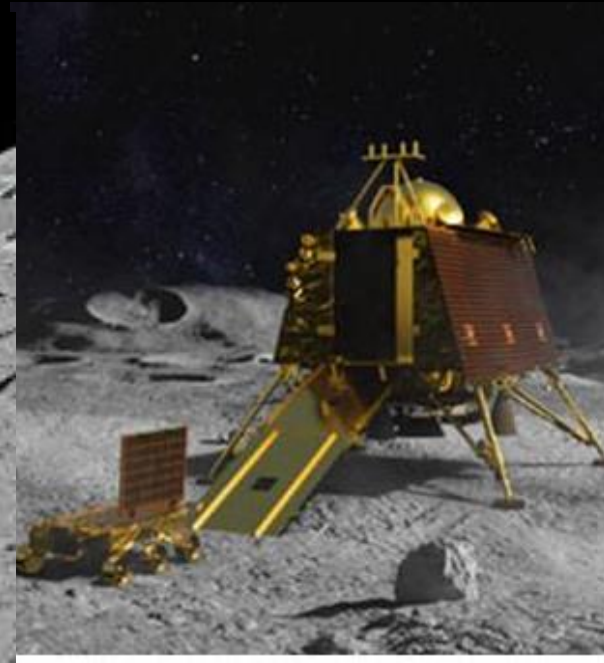
- Goal of the IMD is to commemorate the first time humanity set foot on the moon and foster future lunar exploration through international cooperation by preparing and implementing the tools to enable an efficient celebration of the International Moon Day every year all over the world.



China Rover



Russian Rover



Indian Rover

International Moon Day (4/7)



Event Organization

- Top-Down: IMD organization, either at global level MVA or IMD-G or at Regional or Country levels through Regional/National coordinators. Large events/sponsors.
- Bottom-up: any organization or individual at local event. Small events in-kind resources, companies, universities organizing the event.



International Moon Day (5/7)



First Ever Event - 20 July 2022

- World-wide celebratory events including panel discussions, scientific interviews, and technology oriented workshops.
- Globally connected to a centrally located hub geographically positioned for optimum reach to all communities. Including live feed connecting East and West in a live spectacle.



International Moon Day (6/7)



To achieve goals IMD-G Shall:

- Define the categories of the events which would be eligible for the IMD celebration.
- Establish and coordinate a network of National and Regional Coordinators, which will be the local relays stimulating the creation of IMD events in countries. This network shall strongly rely on the MVA Global Network and the SGAC network.
- Create public relation material to explain the goals of the IMD.



International Moon Day (7/7)



To achieve goals IMD-G (continued)

- Create an IMD website to promote celebrations of IMD, record IMD events, and inform the various communities about their holding.
- Find partners and sponsors to support financially the general management of the IMD celebration, as well as specific IMD events.
- Inform regularly UNOOSA about its plans and the progress of IMD celebration as UNOOSA will create their own webpage dedicated to the IMD as for the other celebrations



For further information, please contact:
nasr.alsahhaf@internationalmoonday.org



THANK YOU FOR YOUR ATTENTION

www.moonvillageassociation.org

