



# **Moon Village Association and International Moon Day Highlights**

by

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61st LSC

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# 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 (1/2)

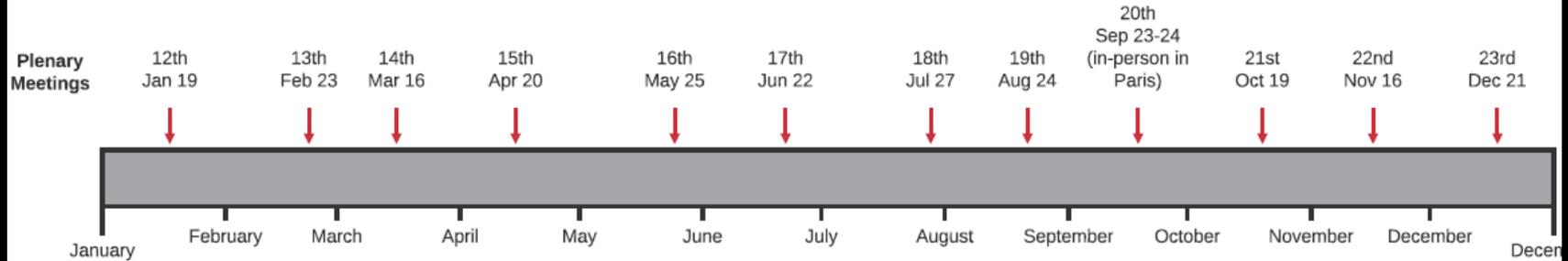


- Many Lunar missions planned in future, from many countries/stakeholders will be conducted in close by locations (i.e. South Pole, orbit)
- Lack of Coordination Mechanism could lead to harmful interference
- Need to Create confidence buildings and foster peaceful cooperation
- **MVA SET UP:**
  - **GLOBAL 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)

# LUNAR GOVERNANCE(2/2)



## GEGSLA Integrated Schedule 2022



|                                  |   |  |   |                                   |                            |
|----------------------------------|---|--|---|-----------------------------------|----------------------------|
| <b>Plenary</b>                   | <p><b>Discussion on:</b></p> <ul style="list-style-type: none"> <li>• Chapter 9 [Jan 19, 12th meeting]</li> <li>• Chapter 10 [Feb 22, 13th meeting]</li> <li>• Chapter 11 [Mar 16, 14th meeting]</li> </ul>   | <b>Consensus Building Phase</b>  |   | <b>External Consultations</b>     | <b>Harmonization Phase</b> |
| <b>Drafting Group</b>            | <p><b>Chapters Drafting:</b></p> <ul style="list-style-type: none"> <li>• Chapter 7: by Feb 23</li> <li>• Chapter 8: by March 16th</li> <li>• Chapter 9/10/11 + Finalization Chapter 5: by Apr 10</li> </ul> <p><b>Documents Integration (ISO):</b></p> <ul style="list-style-type: none"> <li>• Apr 10 - Apr 19</li> </ul> | <b>Identification of critical issues for discussion in external consultation</b> | <b>Preamble draft</b>                   | <b>Consultancy to the Members</b> | <b>Harmonization Phase</b> |
| <b>Subgroups &amp; Observers</b> | <p><b>Annex I finalization (Subgroups):</b></p> <ul style="list-style-type: none"> <li>• By April 10</li> </ul> <p><b>Annex II finalization (Observers):</b></p> <ul style="list-style-type: none"> <li>• By April 10</li> </ul>  | <b>Identification of critical issues for discussion in external consultation</b> | <b>Dormant mode / ad hoc activities</b> |                                   |                            |
| <b>Events</b>                    | <p><b>STSC</b><br/>Feb 7-18</p> <p><b>LSC</b><br/>Mar 28 - Apr 8</p>  | <p><b>COPUOS</b><br/>Jun 1-10</p>  | <p><b>IMD</b><br/>Jul 20</p>            | <p><b>IAC</b><br/>Sep 18-22</p>   |                            |

# Global Network

- × 49 national coordinators and 6 regional coordinators
- × Call for new National and Regional Coordinators Open
  - + Europe and Asia

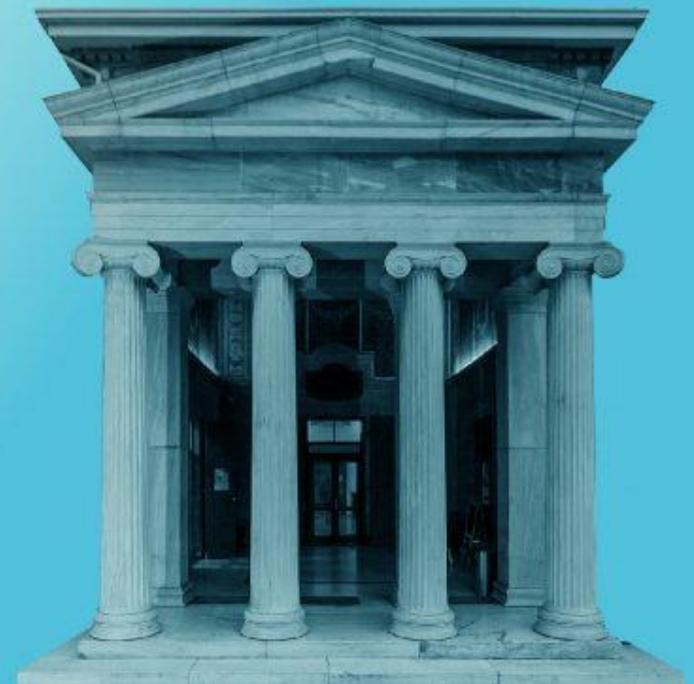


# 5<sup>th</sup> Global Moon Village Workshop & Symposium

December 6-8, 2021  
Nicosia, Cyprus



Cyprus Space Exploration Organisation



# International Moon Day



## Origins

- 2021 The Moon Village Association (MVA) recommends, COPUOS adopts and proposes to the UN General Assembly approval of International Moon Day.
- UN General Assembly 76th session 9 Dec 2021 declares International Moon Day to be observed annually starting 20 July 2022.



The first footprints on the Moon will be there for a million years. There is no wind to blow them away.

*Image: NASA.*



UNITED NATIONS

Committee on the Peaceful Uses of Outer Space

# IMD Paradigm Shift

A red circular icon containing a white silhouette of a satellite or space station with a curved line representing an orbit.

The International Moon Day is to be observed annually to raise awareness among the public and generate support for sustainable moon exploration and utilization. This event will foster increased global cooperation between stakeholders all around the world, including developing nations, ultimately promoting inclusivity in the next generation of lunar exploration.

A detailed 3D rendering of a lunar base on the moon's surface. The base consists of several interconnected modules, solar panels, and communication antennas, all connected by a network of yellow and blue cables. The lunar terrain is grey and cratered, with a dark sky in the background.

Moon Village Association

# IMD Objectives

- › Foster lunar exploration & exploitation through international cooperation

- › Commemorate human lunar activities



- › Prepare for celebrating the International Moon Day every year all over the world

- › Coordinate sustaining resources to realize IMD goals & objectives

# IMD Impact



## Benefits

Stakeholders all over the world are invited to organize events on this date and inform MVA to **increase their visibility and foster future cooperation**



## Goals

Serving sustainable lunar activity stakeholders to achieve optimal solutions towards a balanced approach for next generation human presence on the moon



## Collaboration

An essential part of the IMD work model is to be globally inclusive by taking advantage of gig economy platforms to reach out for a more refined Lunar based knowledge



## Science

Through careful & contemporary knowledge management employing modern techniques, the IMD will emerge as a platform by itself to foster new Lunar science & technology

# Event Organization

- Top-Down
  - At global level, or Regional/ Country levels through Regional/National coordinators. Large event/ Major Partners
- Bottom-Up
  - Any organization/ individual at local event. Small events in-kind resources/ Companies/ Universities, etc.
  - (Requires Prequalifying & Registration at official IMD-G website)

## IMD implementation

- Established/ Coordinated Network/  
National/ Regional Coordinators/ Local  
Relay for International Events/ MVA  
Global/ SGAC network
- Established IMD website
  
- Call for International IMD Logo  
Competition
- Call for International Participation
- Call for International Sponsorship  
Packages

## IMD Implementation Cont'd.

- Category Definition / IMD Event Eligibility
- Create Buzz & PR/ IMD Goals + Objectives
- Identify IMD Partners and Sponsors
- MoU with UN Establishing Framework to Support Implementation of IMD will be signed May 2022
- Informing UNOOSA/ Regular basis/ Plans/ Progress of IMD Celebrations/ link to UNOOSA Official Website

## International Moon Day Celebration

- First ever IMD Celebration Event, 20 July 2022
- Theme “Lunar Governance”, emphasis on Information Exchange, Safety Zones, Environmental & Space Debris Mitigation.
- Worldwide celebratory events including panel discussions, scientific interviews, and technology-oriented workshops, etc.

Thank You for Your Attention



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