

## Contribution to Sustainable Lunar Exploration and Utilization

by Dr. Giuseppe Reibaldi President of the Moon Village Association

> 560<sup>th</sup> LSC Vienna 3 June 2021

## 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

> 500 INDIVIDUALS INVOLVED FROM 60 COUNTRIES



>28 INSTITUTIONAL MEMBERS FROM 12 COUNTRIES

# MOON VILLAGE IMPLEMENTATION -Working Groups/Projects-



# Moon Village 2045 Reference Concept





# **URGENT PROBLEM**



- 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



# SOLUTION



- 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)





#### • STATUS:

- Kick-off held on 25 February
- > Monthly Meetings
- > Work will be completed by end 2022

#### PARTICIPANTS:

- 38 Members: 12 Space Agencies/Governments, 10 Industry, 10 Academy, 6 Civil Society
- > More than 180 Observers, so far
- > More than 50 countries representatives
- Governments are welcome to become members
- Call for Observers and Sponsors open on MVA website
- DELIVERABLES:
  - □ Presented to COPUOS via MVA, draft by end 2021; final by end 2022
    - Recommended Framework and Key Elements for Peaceful, and Sustainable Lunar Activities with Guidelines
  - Proposed creation of an Agenda Item to discuss lunar governance at 65<sup>th</sup> COPUOS in 2022

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



## 6-8 December 2021

Host: Nicosia, Cyprus



#### THANK YOU FOR YOUR ATTENTION

#### New Website Ready

www.moonvillageassociation.org

