



# **Towards a Moon Village Generation**

by

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**President**

# WHAT IS THE MOON VILLAGE ?



## IS ...

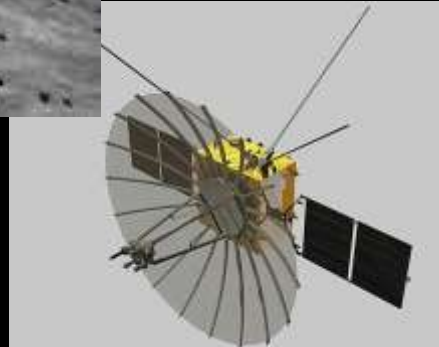
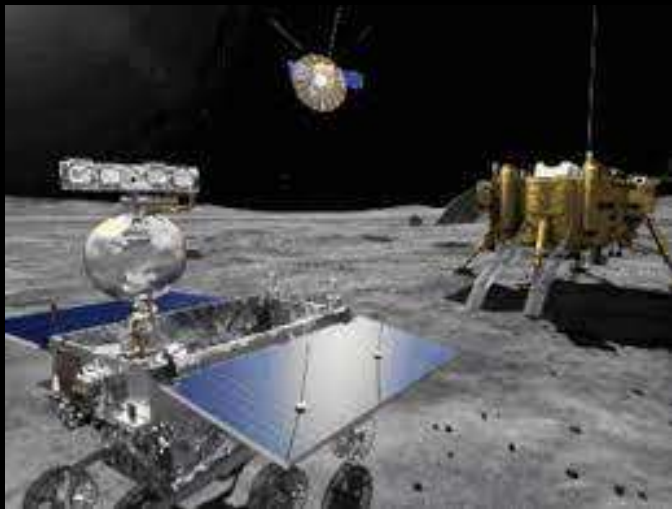
- An ensemble of global efforts: governmental, private and general public
- Exploring and using the moon resources in cooperation and in sustainable manner
- A Lunar Community on the surface and cis-lunar space

## IS NOT ...

- An "ISS on the Moon"
- A literal village
- A single science facility

# HOW MANY MISSIONS ARE ACTIVE ON/AROUND THE MOON??

- 1) Lunar Reconnaissance Orbiter (O) -US
- 2) Chandrayan-2 (O) - India
- 3) Chang'e-4, Rover (Yutu2) China
- 4) Queqiao, Relay Satellite (O), China
- 5) Chang'e-5, China



# HOW MANY MISSIONS TO THE MOON IN 2022??

- 1) Artemis 1, (O)- US
- 2) CAPSTONE, (O) -US
- 3) Smart Lander for Investigating Moon -JAPAN
- 4) Intuitive Machines 1 - US
- 5) Astrobotic, Peregrine 1 - US
- 6) Luna-25 - Russia
- 7) Ispace Hakuto-R - Japan
- 8) Korea Pathfinder Lunar Orbiter. (O) - Korea
- 9) Chandrayan-3 - India



# 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

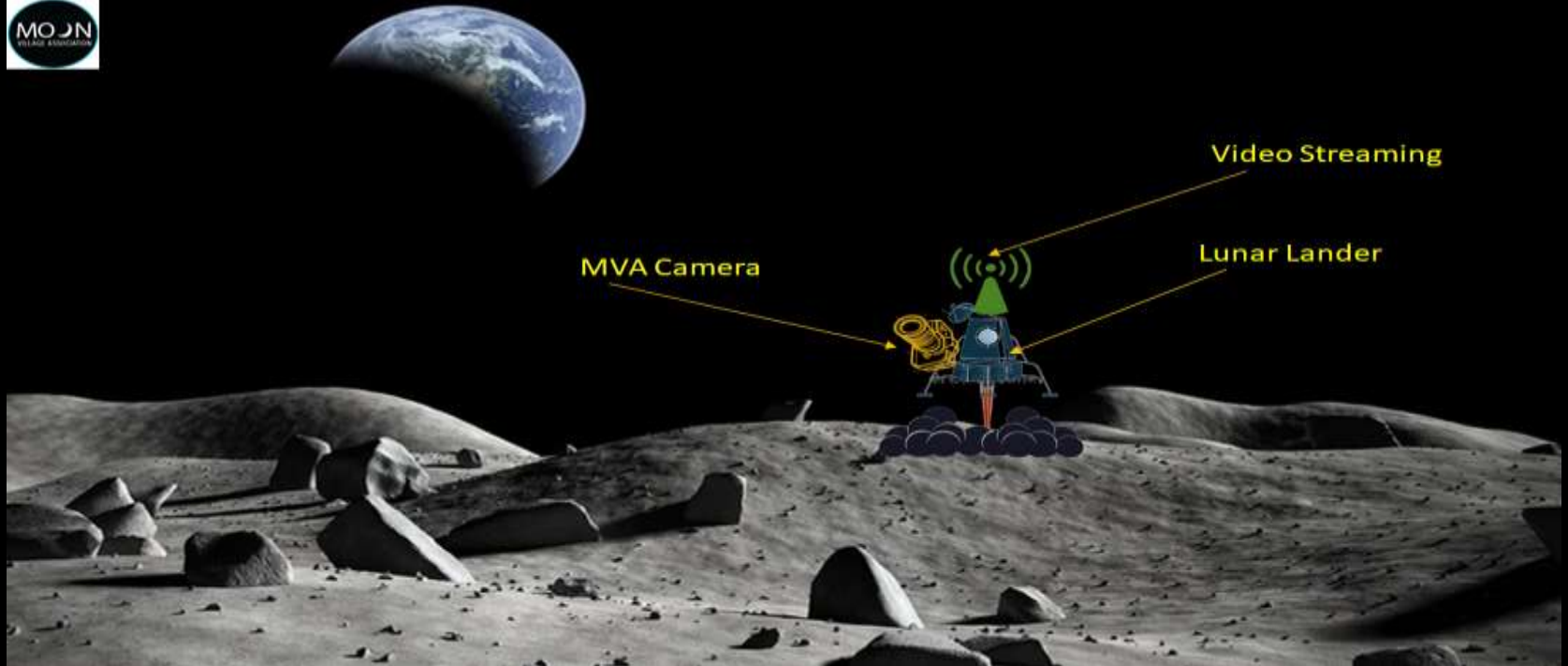
## -Working Groups/Projects-



# Moon Village 2045 Reference Concept



# Payload Project



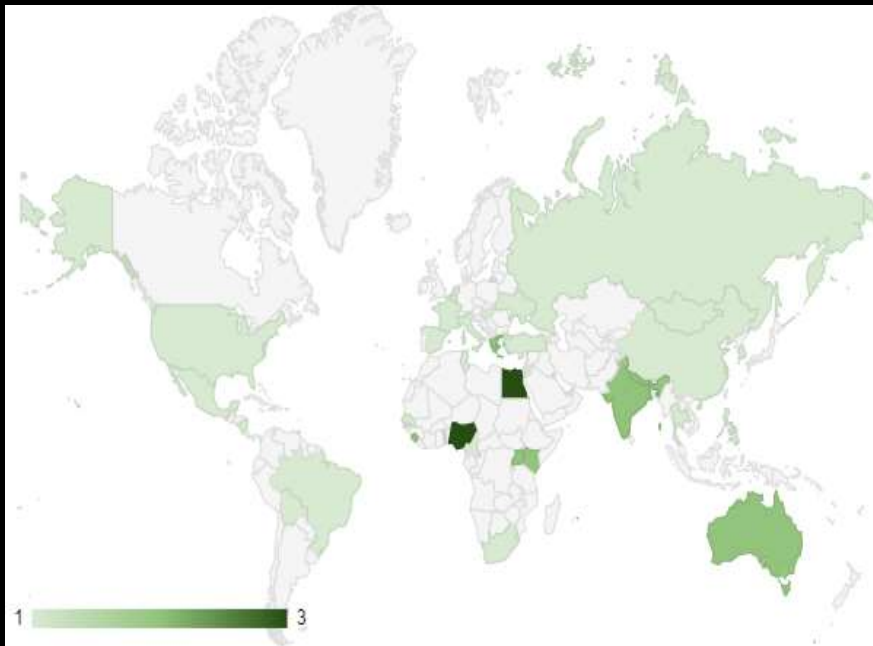
- The Project is involving a global industrial consortium from:  
CH, UK, Mexico, India, UAE, Egypt
- More countries are welcome
- MVA is seeking for the Lunar Lander carrier





# Global Network

- × 50 national coordinators and 6 regional coordinators
- × Call for new National and Regional Coordinators Open
  - + Europe and Asia



# Some of the Recent Activities

MOON  
VILLAGE ASSOCIATION

- × Jordan: Spacesuit and rover competition
- × Italy: Thursday of Galassica
- × Egypt: Social media promotion, SG[Egypt]
- × Africa: has been focused on recruitment
- × Greece: Moon 2069 – A way forward



التلسكوب كأداة فنية  
والـ Overview Effect  
غانم العتيبي

المحاور:

- دور الفنون في استكشاف الفضاء.
- أعمال فنية متعلقة بالكون والقمر من التراث العربي.
- تعريف الـ Overview Effect.
- صورة الارض من سطح القمر.
- ما يمكن تعلمه عن الـ overview effect من تجربة التلسكوب؟ ومن التراث العربي؟

Zoom Online

2021/4/20  
PM 9:00

MOON VILLAGE ASSOCIATION GREECE  
MOON 2069 : A WAY FORWARD  
JULY 24, 16.00 - 18.00 GMT+3

I GIOVEDÌ DI GALASSICA

dal 4 febbraio al 15 aprile,  
ogni giovedì alle 21 in diretta sulla pagina Facebook di

**GALASSICA**  
FESTIVAL DELL'ASTRONOMIA





# TOWARDS THE LUNAR GENERATION WORKSHOP July 2021

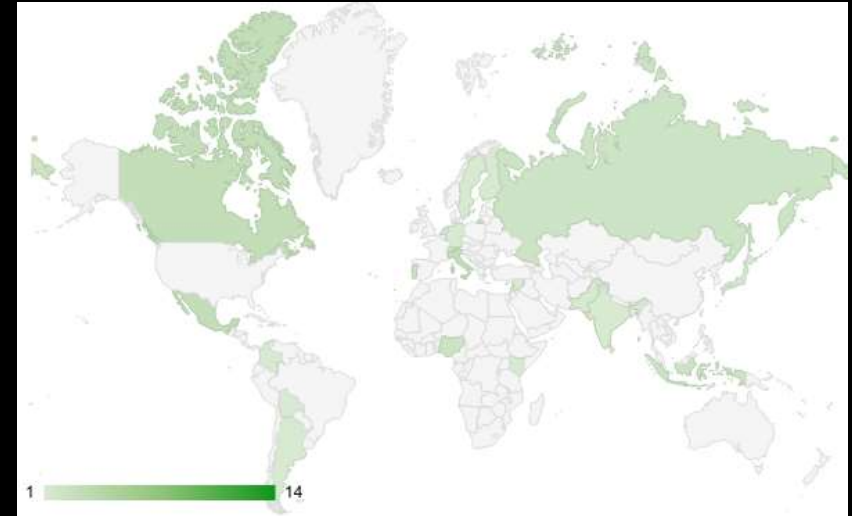
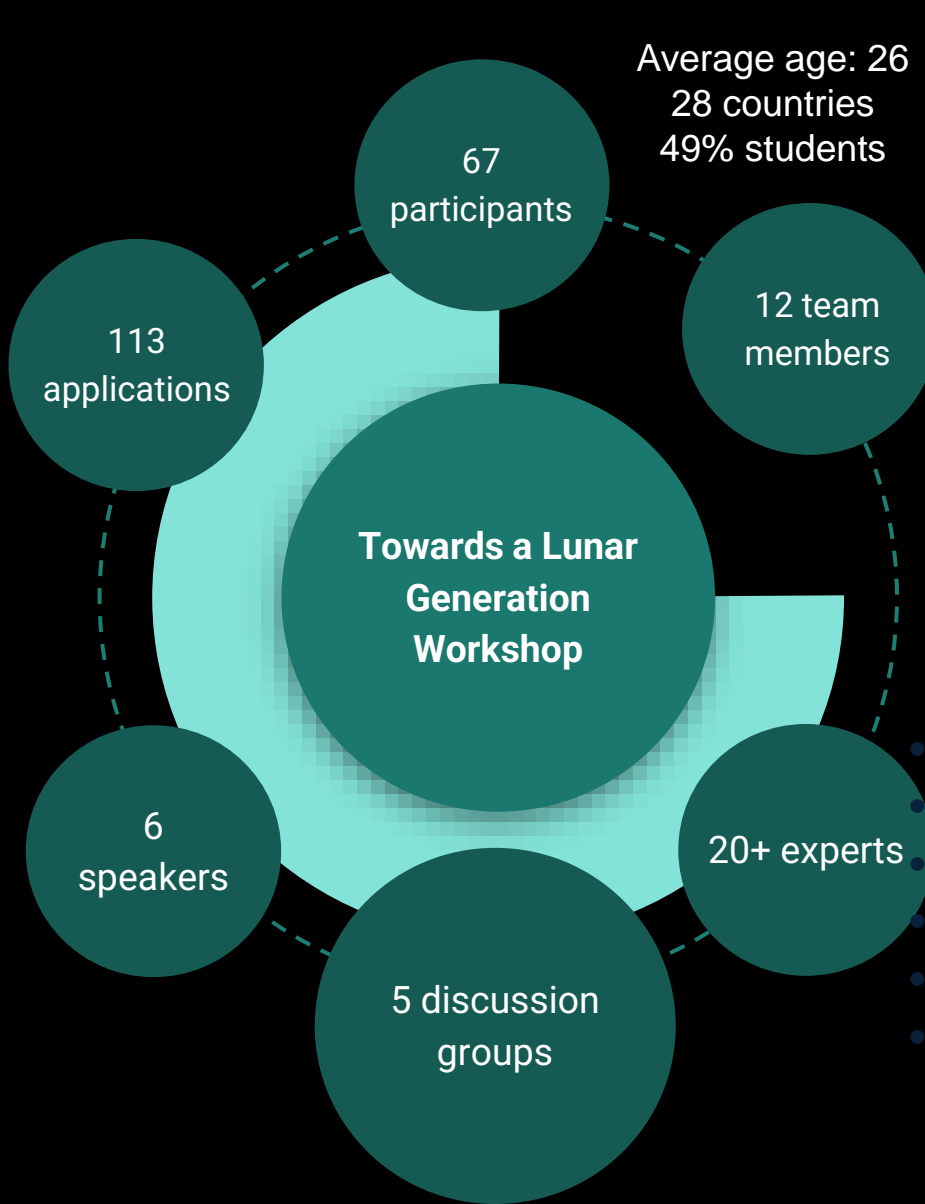
Sponsors and Partners



SPACE GENERATION  
ADVISORY COUNCIL



# Overview



<https://moonvillageassociation.org/tlg2021/>

- - Lunar Medical Autonomy
- - Legal status and policy issues in Moon resource and Infrastructure development and utilization
- - Innovation Craters Hackathon
- - Moon as a base for science
- - Technologies for a sustainable Moon village

# Discussion Groups



- × Lunar Medical Autonomy
  - + Infrastructure
  - + High risk medical emergencies, and how can they be tackled
  - + Major human factors (including mental health) challenges on the Moon
  - + Role of analogues
- × Legal and Policy Issues of Resource Utilization and Infrastructure
  - + Main challenges and obstacles to a legal framework
  - + Sharing of resources and infrastructure be shared between various stakeholders
  - + Reducing the risk of unpeaceful interactions on the Moon
- × Hackathon focused on developing business ideas for lunar Explorations in the year 2030.
- × Science on the Moon
  - + Scientific objectives beyond current objectives
  - + Manned missions vs robotic missions
  - + Role of (a permanent) human settlement on the Moon in scientific advancement
- × Technologies for a sustainable Moon Village
  - + Main enabling technologies for operation on the Moon and
  - + Role of emerging technologies
  - + Role of emerging space countries
- × 5, 10 and 50 year horizons
- × Role of the MVA and SGAC



# New MVA Project: Towards a Moon Village Generation

- × Project started last September:
  - × Website is live and we are looking for volunteers!
  - + Next topics Workshop will be related to:
    - + Role of Emerging Space Countries
    - + Science Communication and the Role of the Arts
    - + Equity, Diversity and Inclusion in the Moon Village
- × Schools involvement play an important role
  - + Possibility to ask Questions/make proposal to MVA

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# Student Corner

JANUARY 15, 2022 / ONGOING

The Student Corner has been created for students and young people to submit questions or proposals to the MVA experts and have them answered.

The name and email are required only for the submitting the questions and will not appear publicly or used for any other purpose. You will not be contacted directly. You may use a parent's email.

First name \*

Last name \*

Email \*

Country \*

Question to be answered by MVA experts or make a proposal to the MVA \*

Search



## Latest news

[Student Corner](#)

January 19, 2022

[Press Release - Appointment of the Chair of the International Moon Day Group](#)

January 17, 2022

[Moon Village Association](#)

Newsletter, October - December 2021

December 14, 2021

THANK YOU FOR YOUR ATTENTION

[www.moonvillageassociation.org](http://www.moonvillageassociation.org)

