



Moon Village Association Activities



Vienna, Austria - (February 6, 2019)

The Moon Village Association (MVA) was registered, as an NGO, in Vienna in November 2017. Through the participation in the MVA of about 200 individuals and 22 organizations in 33 countries, the major 2018 activities and achievements outlined below have begun to make the Moon Village concept a reality:

- Creation of the “Moon Market”. A Moon Market of technologies, goods and services will inevitably be established, and the MVA is planning to be a major enabler of the respective process. It is one of the Association’s main goals with regards to its institutional members and industry at large. In 2018, much has been done, such as prize competitions and establishing an industrial network to foster the cooperation between space and non-space companies.
- More than 10 national networks have been created around the world organizing local events. Currently MVA networks are present in Africa, America, Asia, Australia and Europe.
- The MVA presented the results of the First International Moon Village Workshop at STC COPUOS meeting, in Vienna, on 8 February 2018.
- The MVA held a side event to present the Association to COPUOS at UNISPACE+50 conference in Vienna, on 20 June 2018.
- During the 69th annual International Astronautical Congress hosted by the International Astronautical Federation in Bremen, Germany, the MVA was admitted as a new member of the International Astronautical Federation (IAF).
- The Second International Moon Village Workshop and Symposium was held successfully in Los Angeles on 4-5 November 2018, with many senior space officials participating. Following a competition, the 2019 International Moon Village Workshop and Symposium hosting country has been chosen. A warm invitation is extended to all members of the Committee to join the MVA during the 3rd International Workshop and Symposium, which will be held during December 2019 in Japan.
- The “Moon Village Principles” were issued in December 2018 defining, for the first time, the boundaries of the Moon Village. The MVA will annually assess the missions and activities of various



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organizations with respect to MVA Principles and the convergence of views and values between our members on this common vision. The Principles published, are attached to this Press Release.

Partnership is the MVA's fundamental working principle and the keystone of its operation. The MVA brings together individuals and organizations with a wide range of skills and expertise needed to achieve concrete results. In 2018, the Moon Village Association announced cooperation with For All Moonkind and World Space Week Association (WSWA) to enhance and expand cooperative efforts to explore and utilize outer space and establish a human community on the Moon, whilst recognizing the vital need to increase outreach and awareness raising activities. The MVA also signed a memorandum of understanding with the National Space Society to further their shared goals concerning the exploration, development and eventual settlement of Earth's Moon and cislunar space.

In 2019, the MVA will cooperate with the World Space Week Association (WSWA). Under this partnership, WSWA will seek global public input on Lunar Exploration and development using material developed by MVA. This will be the first global consultation on this topic and the results will be presented at the STC COPUOS meeting in February 2020.

Giuseppe Reibaldi, President of the MVA, emphasized that “The Moon Village Principles are the first concrete step in the implementation of the Moon Village concept and this is why they are important. The public will be able to relate the concept of the Moon Village with specific activities carried out in 2019, not in a distant future. The Association will produce, in the course of 2019, other specific contributions to foster global cooperation for Moon Exploration and Settlement”.

2019 marks 50 years from the first Moon landing, which gives the MVA an opportunity to organize and participate in many initiatives around the world, fostering the implementation of the Moon Village, one of humankind's greatest challenges

About the Moon Village Association

The Moon Village Association (MVA) was created in 2017 as non-governmental organization (NGO) based in Vienna. Its goal is the creation of a permanent global informal forum for stakeholders like governments, industry, academia and the general public interested in the development of the Moon Village. The MVA is the assembling of all efforts from private industry, governments and others aimed to explore and use the Moon in a sustainable manner. Therefore, it is not a literal village on the Moon, it is not an ‘International Space Station on the Moon’, and it is not a single science facility. The MVA fosters cooperation for existing or planned Moon exploration programs, be they public or private initiatives. It comprises approximately 200 individual and 22 institutional members from more than 33 countries, representing a diverse array of technical, scientific, cultural and interdisciplinary fields. The MVA partners with non-space organizations to promote international discussions and formulation of plans to foster the development of the Moon Village, and is creating international, national and regional networks to engage civil society around the world. For information on how to become involved in joining the Moon Village, Association please visit: www.moonvillageassociation.org

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Moon Village Principles
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Background

The **Moon Village** is a global community aiming to explore, use and develop the resources of the Moon in a sustainable, open and peaceful manner, for the benefit of all humanity and with the opportunities for all people to contribute to its success. Successfully implementing the Moon Village vision will increase the economic sphere of Earth and enable humanity to go beyond the Moon, benefiting the global quality of life for all.

The Moon Village Association (MVA) fosters the implementation of the Moon Village vision by providing a platform for collaborative global discussions and bringing together efforts from the private sector, governments, academia, and others. This vision includes space-faring and non-space-faring nations as well as the public and offers an opportunity for all countries and organizations to play a role in this endeavor. The implementation of the Moon Village will be a major step forward for humanity – including the enhancement of knowledge, progress and world peace.

Purpose

The purpose of the Principles of the MVA is to make a significant contribution to Moon Village “Coordination and Cooperation”, without necessarily requiring the existence of formal international framework agreements or regulatory instruments. The Moon Village Principles represent a general consensus point-of-view of the Moon Village Association but are strictly non-binding.

The MVA will assess annually the missions and activities of various organizations with respect to the “Moon Village Principles” and state in a highly public way whether or not those missions and activities are (or are not) in line with the Principles.²

The Principles³

As an initial step toward its implementation, the following are the Principles of the MVA for missions and activities that embody the concept of the Moon Village and which could be of value in the future:

- Principle 1:** Adhere to **applicable International Rules and Agreements** dealing with human activities in space, such as the Outer Space Treaty of 1967 and others,⁴ and conduct peaceful activities with thoughtful consideration and respect for the cultural heritage of humanity on the Moon.
- Principle 2:** Improve **Knowledge** of the lunar environment and its use for scientific research.
- Principle 3:** Reduce the **Cost and Risk** of transport to and from Earth and the Moon, and within cis-Lunar space.
- Principle 4:** Support the **Economic Development** of the lunar community.
- Principle 5:** Employ or establish and document open-source engineering **Standards** of broad applicability and/or usefulness.
- Principle 6:** Develop and build elements / systems that provide **Critical Services** for lunar missions and activities, such as navigation, communications, power, and resources.
- Principle 7:** Develop and demonstrate **Technology** enabling cost-effective, reliable and safe robotic and human operations on the Moon’s surface and surroundings.
- Principle 8:** Make available sufficient **information** to allow global cooperation and engagement involving the general public in the expansion of human activities to, and eventual settlement of the Moon.
- Principle 9:** Contribute **ethically to human society** in terms of Culture, the Arts, Education or other fundamentals.

1 The Principles are a legally non-binding tool; they are intended to encourage cooperation and clarify goals and expectations among stakeholders taking part in the Moon Village. These Principles will be adjusted and updated from time to time.

2 “Missions” refers to space related projects; “Activities” do not involve necessarily hardware (i.e., research projects). Clearly, not every mission or activity needs to address every “Principle” in order to make a significant contribution toward realizing the Moon Village vision.

3 These Principles were discussed and endorsed by the participants of the 2018 International Moon Village Workshop & Symposium, held on November 4-5, 2018 in Los Angeles, California. This version incorporates comments provided from this event. The MVA will invite interested parties around the globe to share this document's spirit.

4 For purposes of the Principles, “applicable international rules and agreements” include only those with which a particular country, program, individual or organization have agreed to comply.