

Moon Village Association (MVA)

www.moonvillageassociation.org

Giuseppe Reibaldi, President, giuseppe.reibaldi@moonvillageassociation.org

Chapeau

We, the global community, are called upon to consider that the future of Humanity is full of challenges and opportunity and the sustainable utilization of the Moon is one of them. The Moon is the next giant step for humanity offering unique opportunities to boost the implementation of the UN Sustainable Development Goals and offering young generation unique opportunities. The Earth environment and the Moon are closely related and we cannot ensure a healthy environment of Earth without due consideration to the Moon. We need to initiate global research activities to this end.

Chapter I. Sustainable development and financing for development

In the pursuit of lunar activities, governments and private industry must be dedicated to sustainable development, environmental responsibility, inclusive participation, and international collaboration. The focus is on creating a moon market that is not only ensuring commercial success but also uphold long-term sustainability and sharing of benefits. Lunar Environmental and Ethical guidelines need to be generated to avoid the mistakes made on Earth.

Chapter II. International peace and security

Many countries around the world are developing lunar activities, with several missions, but without any coordination mechanisms. We do need urgently a framework that would regulate the activities on/around the Moon in order to maximize benefits for Humanity and reduce risks of accidents.

The exploration and utilization of the Moon must become a laboratory of peace, but for this we need to move now. This is the reason there is urgency to coordinate lunar activities by setting up an appropriate mechanism within the UN.

Chapter III. Science, technology and innovation and digital cooperation

Nation-states commitment to lunar exploration is anchored in science, technology, and innovation. We advocate for open scientific collaboration, sharing cutting-edge technologies, providing equal digital access, and setting international digital cooperation and interoperability standards. These actions are essential to maximize the potential of lunar exploration and utilization.

Chapter IV. Youth and future generations

Youth and future generations need a concrete dream and the exploration and utilization of the Moon is already being implemented, even if it seems remote. The exploration and utilization of the Moon is very important considering the possibilities that will open to humanity, including the first baby born on the Moon. This will pave the way to human settlement beyond Earth ensuring that the benefits of lunar activities extend to future generations.

Educational programs in schools should inform them about how concrete is this dream. This can be achieved by providing educational opportunities, hands-on experiences, promoting diversity and inclusivity, and facilitating the transfer of knowledge across generations.

Chapter V. Transforming global governance

To effectively manage lunar exploration and utilization, Nation-states need to build collaborative international frameworks, in particular one for space resources and one for lunar activities. These frameworks will enhance transparency and inclusivity in decision-making, and adopting a flexible, inclusive approach. These frameworks are key to insure a peaceful and sustainable lunar exploration and utilization of the Moon.