

# SPACE FOR ALL, ON EARTH AND BEYOND



- Space Renaissance International
- National Space Society
- The Mars Society
- Lifeboat Foundation
- The Human Space Program
- Space Tourism Society
- The Beyond Earth Institute
- Caelus Foundation
- Space Development Foundation
- Expanding Frontiers
- GenSpace
- Space Value Foundation
- Space Development Steering Committee
- International Moonbase Alliance
- EarthLight Foundation
- Interstellar Foundation
- The Space Nation
- Asgardia
- Koplor Space University
- ExoTasia
- OASA Hong Kong
- Ecomodernist Society NorthAmerica
- Free AstroScience
- Societa' Nuova della Astronomia
- Advance Space Civilization Initiative
- SpaceLight UK
- Ogha Educational Clinic
- Informatics India
- Space Renaissance Italia
- Space Renaissance France
- Space Renaissance USA
- The Mars Society Espana
- Fundación ALCASIN
- American Institute of Aeronautics and Astronautics
- Gesellschaft für Kultur und Raumfahrt
- European Institute of Innovation for Sustainability
- Space Age Publishing Company
- The Space Treaty Project
- Space Base
- United Humanity of the Universe
- Roonion Island Space Agency
- GlobalSpace.com
- Habitat Marte
- Polish Astronautical Society
- Space Renaissance Poland
- bluemTAN LLC
- Lonestar Lunar
- Lunex (Lunar Explorers Society)
- The Moon Society
- Sustain-A-Verse
- World Innovation Network
- Hyperdrive Anthropology
- 4 DMID
- Mature Development
- World's Fair Bid Committee Educational Fund
- Interstellar Performance Lab
- Space 4 Climate
- Space Career and Leadership Center
- Mars Space Travel
- International Foundation for Aviation and Development
- Riebens Computers
- Universidad Nacional Autónoma de Nicaragua Managua
- International Space Elevator Consortium
- ARCS Learning
- Africa VR Center and Campus
- UTESPACE
- Space For Progress
- Formux, Inc.
- MARTENS Escuela de Astronautas
- Astronautical Art Initiative
- Public Relations Protobusiness
- IPSA, Ecole d'Ingenieurs
- Green Orbit Digital
- The Space Lead
- New Horizons
- RSCE for Sub-Sahara Africa
- BUCA University, Cameroon
- Forestry & Wildlife Dept., Buea Univ, Cameroon
- Dr. Melle Ekane Maurice
- International Space Alliance
- Aerospace Council, WICCI
- Cosmic Signature
- Guayaquil Space Society
- Leviathan Space Events
- Green Transformation & Sustainability Network
- Go Known
- OrbSpace
- Foundation for Development Diplomacy and Defense
- A Celebration Society
- The Futures Forum
- Space Trust
- AstroBen
- European Space Foundation
- Institut d'Estudis Espacials de Catalunya
- Cluster Aeroespacial de BC
- SpacePort Mexico
- Sky Peak Financial
- ASPACE
- Loumo Space
- Business Acceleration Network
- Astralintu Space Technologies
- Teachers in Space
- SpaceLand
- Angkasa-x
- Puro Climate
- Society of Space Professionals On Campus

## JOIN THE SPACE 18<sup>TH</sup> SDG COALITION!



Join the #space18sdg  
<https://spacerenaissance.space/sign-the-18th-sdg/>

### THE SPACE 18th SDG

Only by expanding the domain of life into space, can we fulfill the 17 SDGs on Earth. Therefore, the Space Renaissance International and the National Space Society, with nearly 100 international partner space organizations, urge UN COPUOS State Parties to develop and introduce a resolution for a **Space 18th Sustainable Development Goal (SDG)**. This includes calling for the expansion of community life into space to achieve universal and sustainable development for the whole of humanity, life, and the life support environment, on Earth and beyond. The Space 18<sup>th</sup> SDG Coalition advocates adding an 18<sup>th</sup> SDG focused on space development to the U.N. 2030 Agenda of Sustainable Development: **“Space For All, on Earth and Beyond”**.

### SPACE FOR SUSTAINABLE DEVELOPMENT

Space development and sustainability of development are strictly interconnected. To start developing beyond Earth is key, to relieve our planet's environment from the burden of industrial development, reduce pollution, and favor wildlife. On the other hand, sustainable space development is a critical key issue as well. Orbital debris represent an increasing risk for space navigation and could close us into a cage, enchaining humanity at the bottom of the Earth's gravitational well. Irresponsible management of wastes, on Earth, in orbit, and on the Moon, may result in show-stopping conditions for space development itself. Conversely, skills and experience earned in space – such as total recycling, circular economy, and vegetable cultivation in closed environments – may help sustainability on Earth too. Space 18th SDG promotes full synergy between space and Earth sustainable development.



<https://space18thsdg.space/>

# A NECESSARY REORGANIZATION OF THE 17 SDGs



Sustainable progress hinges on giving these key enabling goals a higher priority, as they provide the foundations and catalytic role for achieving the UN SDGs by 2030. There's no social progress without industrial and economic growth.



Yet, industrial growth on Earth conflicts with the environmental goals (13, 14, 15).

As they are, the 17 SDGs are not sustainable.

They will be sustainable only if an 18th goal will be added: to kick-off a civilian-led space development, before 2030.

**CONFLICTUAL FACTORS:**

- ❖ Energy demand, increased by electronic / web society
- ❖ Scarcity of key materials (rare earths), raising new resource wars and conflicts
- ❖ Pollution, increased by disposal of batteries and other technological wastes
- ❖ Oceans over-exploitation / pollution
- ❖ Social conflicts, increased by multiple crises



Paramount important is to realize few meaningful steps, to ensure human development's full sustainability, in Space and on Earth:

100% reusable launch vehicles, protecting life and health from space radiation, experimenting with simulated gravity, orbital debris' salvage and reuse, asteroid and lunar mining, producing fuel in space, green environments in space habitats.

If undertaken before 2030, these steps restore the necessary psychological fortitude to the peoples of Earth, to overcome the many risks of this age: environmental collapse, global war, resource scarcity, and social decay.

# THE 18th SDG 2024 CAMPAIGN

## Events:

- ❖ 12 June, Virtual, to support our delegates at the COPUOS General Assembly in Vienna (19-28 June)
- ❖ 19 September, Hybrid, NYC U.N. headquarters, in concomitance with the U.N. GA 79
- ❖ 2024 Space Tourism Conference, Los Angeles 22 May 2024
- ❖ NSS ISDC 2024 Los Angeles, with dedicated track, 23-26 May 2024
- ❖ IAC 75 in Milan, several presentations, events, and special sessions: visit our booth MS-D01 at the Exhibition Centre.

## The space18thSDG abstract:

<https://spacerenaissance.space/the-18th-sustainable-development-goal/>



# THE SPACE 18TH SDG COALITION OF THE CO-PROMOTERS

