



Space Economy Initiative

Supporting a strong and sustainable global space sector

The Space Economy Initiative, sees the United Nations Office for Outer Space Affairs (UNOOSA) working with emerging and non-space faring countries to strengthen their space economies. The Initiative leverages inhouse expertise and peer-to-peer exchange with established space faring nations to share insights and case studies of growing strong, dynamic and sustainable space economies. A capacity-building service, the Space Economy Initiative is tailored to support both public and private space sector stakeholders.

The role of the United Nations

UNOOSA is the UN's dedicate space affairs entity. We promote international cooperation in the peaceful uses of space and in the utilization of space science and technology for sustainable economic and social development. UNOOSA services draw on decades of experience delivering capacity-building, organizing technical workshops, conducting expert missions, and advising on policy, legal, scientific and technical aspects of space activities.

UNOOSA works in close partnership with other UN entities, national and regional space agencies, governmental bodies, academic organizations, the private sector and civil society.

The Space Economy Initiative spans many of these frontiers of UNOOSA's programmatic activities. The Initiative is designed to raise awareness about the contribution space is making to the global economy and socio-economic growth. The Initiative is designed to contribute accelerate implementation of SDG 8 "Decent Work and Economic Growth", SDG 9 "Industry, Innovation and Infrastructure" and SDG 17 "Partnership for the Goals"



The Space Economy Initiative: Key Objectives

1. Increase global awareness and understanding on how space sector growth can reinforce socio-economic development, in line with the 2030 Agenda for Sustainable Development.
2. Support countries scale up this growth to deliver strong, responsible and sustainable national space economies.
3. Enhance cooperation across the global space sector, including public and private stakeholders, to foster inclusive and sustainable growth of the global space economy.

By providing a global platform for practitioners from established and emerging space economies at UN level, the Space Economy Initiative is the first of its kind

The Space Economy Initiative will run over an initial three-year timeframe. During this period, activities will be tailored around three core services; space economy capacity-building for requesting Member States; space economy awareness-raising public events; online distance e-learning services.

Capacity-building services for Member States

The services will support emerging space-faring nations, including Least Developing Countries, to analyse their baseline space economies and identify priority areas for policy interventions. The services will be structure around the insights, case studies and experiences presented through the UNOOSA Space Economy Handbook.

As part of these services, UNOOSA will provide:

- Tailored capacity-building opportunities adjusted to priorities of the requesting country
- Peer-to-Peer engagement with space economy experts
- Virtual or in-situ space economy outreach events to raise awareness on the contribution of space to general socio-economic growth.

Space Economy awareness raising events

Since June 2020 UNOOSA organized a series of 7 space economy webinars. These webinars have been fundamental to bringing established and emerging space economy practitioners together in an equal and inclusive setting. Through the opening series we introduced and then broke down the subject of 'space economy.' We touched upon various key elements of a healthy space economy, including building public support for space activities; how to scale up; accessing finance; the nexus between government, industry and academia; international cooperation, and space economy in the context of COVID-19. All recordings and follow-up Space Economy Insight Reports are made publicly available on www.oosa.org.



With additional funding secured, UNOOSA plans to expand this component of the Space Economy Initiative through a new series of awareness-raising events to provide a crucial, free-to-access, opportunity to exchange expertise and insights of public and private-sector experts from across the global space sector. The future events will focus on unpacking more detailed insights and case studies across the key elements already identified. Such awareness raising events will continue to follow an open and free-to-access format, thus contributing to all three of the Initiative's key objectives.

Space Economy e-learning

Additional funding will also allow UNOOSA to expand ongoing collaboration with our partners towards developing a space economy e-learning platform. For example, through a partnership with SDA Bocconi School of Management in Milan, Italy, a space economy pilot course is under development. Through an "on-the-job experience" methodology, this course will enhance participants' general understanding of space economy principles through four modules: introducing the space economy; management of satellite services; policy and international regulations; and finance.

The development of such e-learning courses will continue over the three-year timeframe of the Space Economy Initiative, adding to an increasingly comprehensive online resource of materials tailored to stakeholders from new and emerging space faring nations.

Your chance to support a strong and sustainable global space sector

With global political and economic investment in space at records highs, your support will help to establish these activities as a sustainable and multi-year addition to UNOOSA's programmatic activities. UNOOSA is therefore seeking new partnership opportunities as we look to the next implementation phase the Space Economy Initiative.

For the first 12-months of this new implementation phase we plan to deliver the following:

- Completion of the UNOOSA Space Economy Handbook to support the capacity-building services.
- Delivery of tailored capacity-building services to Member States (target of 4-5 countries/12 months).
- Hosting of multiple virtual or in-situ space economy awareness-raising events (min. target of 4 events/12 months).
- Expansion of the Space Economy Webinar series to geographic and topic areas of focus.
- Completion of initial Space Economy e-learning course series (target of 4 modules in next 12 months).



Every contribution counts. As a multi-donor project, partnerships with Member States, non-governmental entities, and the private sector are being sought, with all donors being recognized in all associated materials.

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