



**United Nations**  
Office for Outer Space Affairs

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

# A VISION & STRATEGY FOR UNOOSA 2024 - 2030



**SPACE4SDGS**



## High Expectations – A UNOOSA that:

- ⇒ Supports MSs in meeting global policy objectives
- ⇒ Promotes & helps implement the work of COPUOS
- ⇒ Facilitates greater access to & understanding of space technology, data, & services
- ⇒ Provides thought-leadership through relevant initiatives & drives capacity-building for MSs

**While preserving  
the central  
decision-making  
role of Member  
States & COPUOS**



Source: ESA

26 of the 54 Essential Climate Variables can only be measured from space





Source: Turksat



Source: TSFi

Satellite  
applications are  
often the only  
communications  
when disaster  
strikes



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# Agriculture / Biodiversity / Forestation



Space applications support sustainable agriculture & prevent deforestation





Source: SES



Source: Inmarsat

Space applications bring healthcare to those who have none

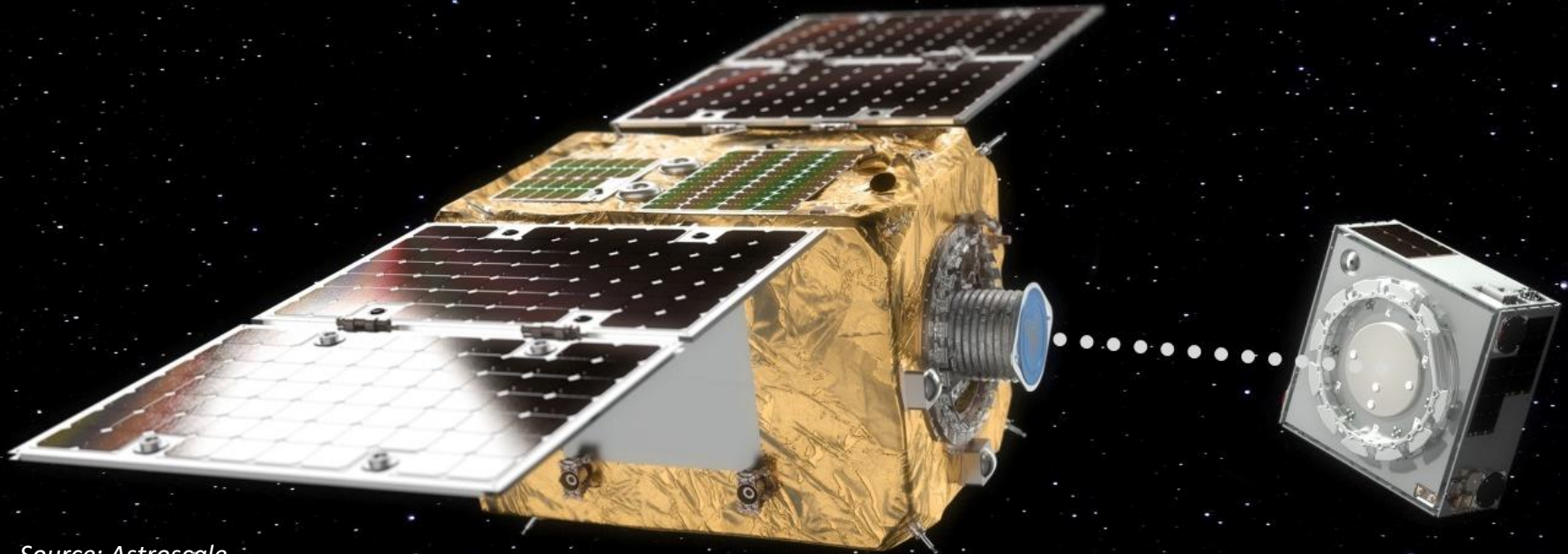


Space applications enable education for remote, isolated communities



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# Space Sustainability



Source: Astroscale

Pro-active efforts required to support space sustainability





## Our Shared Vision

A world that fully captures the benefits of space technology, data and services

Where policymakers progress towards achieving the SDGs & improve the state of the world by leveraging space solutions & expertise

Supported by a coordinated UN system with an adequately resourced Office in charge of Space



## Space 2030 Agenda

Space contributes directly to  
achieving multiple policy objectives

- ⇒ Environmental
- ⇒ Economic
- ⇒ Social
- ⇒ Humanitarian

Achieving these objectives is  
an urgent, global imperative

The UN office entirely dedicated to space | Custodian of Space4SDGs  
➔ UNOOSA has a responsibility to ensure space makes a difference



## Serving COPUOS as a whole *and* MSs individually

- ⇒ A work plan with actions & results
- ⇒ Leveraging a new leadership team with space applications experience
- ⇒ Addressing 5 key priorities highlighted by MSs

Space Sustainability	Climate Action	SDGs	Developing Countries	Stakeholder Engagement
Ensure Space is Safe & Sustainable for Future Generations	Drive Climate Action through Space	Advance progress on the Sustainable Development Goals through use of space	Ensure developing countries/Africa can contribute to & benefit from space	Accelerate achieving the goals by strengthening engagement with non-governmental actors

➔ **An application- & results-oriented approach**





## Safe & Sustainable Space for Future Generations

- ⇒ Ensure a maximum of Member States:
  - ❖ **Adopt** Treaties, Principles, Guidelines, Resolutions
  - ❖ **Implement** the LTS Guidelines
- ⇒ Making **progress** on international cooperation on Space Traffic Management & Space Situational Awareness
- ⇒ Better **sharing** of a maximum of ephemerides & PoC data
- ⇒ Improved **cooperation** around missions to other celestial bodies

**Must ensure  
a maximum  
of UN  
Member  
States join  
COPUOS**



## Ensure space technologies, data and services are:

- ⇒ **Available, accessible & affordable** for all Member States who need them
- ⇒ **Integrated into policymaking** - national, regional & global
- ⇒ **Utilised** to address climate-related challenges, climate action, disaster-risk reduction & environmental sustainability

Enhancing  
resilience by  
reducing the  
gaps  
between  
Supply &  
Demand of  
space data



## Advance progress on the SDGs through use of space technology, data & services

- ⇒ **Improve global awareness** & understanding of how space solutions can support achievement of the SDGs
- ⇒ **Increase capacity-building** programs for Member States to support implementation of space-based solutions
- ⇒ **Scale existing use** of space applications to address global challenges

A global effort to drive local change & address MS priorities





## Ensure developing countries/Africa can contribute to and benefit from space tech, data & services

- ⇒ Strengthen capacity-building programs to **enhance local understanding & capabilities** around space issues and solutions
- ⇒ Create mechanisms to ensure developing countries/Africa have **improved access** to actionable space data
- ⇒ Foster **partnerships** with relevant counterparts in developing countries/Africa to address regional challenges

It is not necessary to be a space-faring nation to benefit from space solutions & have a voice



**Accelerate achievement of Objectives by strengthening engagement with international organizations, private sector, academia, & civil society**

**Engage diverse stakeholders to:**

- ⇒ **Amplify the impact of space solutions** in addressing global challenges
- ⇒ **Leverage broader space ecosystem expertise** to enhance knowledge & expertise of COPUOS delegates in specific fields
- ⇒ **Leverage resources** of industry, academia & civil society to contribute to work & operations of UNOOSA

**Convening  
the expertise  
required to  
better inform  
decisions &  
drive action  
& results**



# The UNOOSA Space Bridge

**Structured dialogues that positively impact space sustainability & scale space solutions to drive transformational change & build global resilience**

- ⇒ Break down silos through exchanges with relevant experts from different fields
- ⇒ Enhance international expertise & empower policymakers
- ⇒ Identify solutions & avenues for progress on key issues

Ask the right questions  
Convene the right people  
Empower policymakers with essential information

How do we ensure developing countries can access satellite data they need for climate action ?

How can we scale Peru's space-based approach to fishing to eradicate IUU fishing globally ?

What can we learn from the UK's approach to incentive-based space regulation?

ADR requires scaling – what issues did Japan tackle in implementing their ADR license?

➔ **Thought-Leadership | Pragmatism | Action**






- ⇒ **Affirm role & relevance of COPUOS** - increase members to 150 by 2030
- ⇒ **Enhance recognition of UNOOSA** as the global reference point for matters related to peaceful uses of space & space sustainability within the UN system & beyond
- ⇒ **Secure greater support** from UNGA & Member States to strengthen Office
- ⇒ **Strengthen internal expertise & skillsets** to deliver on expectations
- ⇒ **Embrace an application- & results-oriented approach** that drives and demonstrates transformational change



## Clear Recognition of Space

1. In priorities of Member States
2. Space Policy Brief / Summit of the Future

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- ⇒ RB should reflect importance of office to deliver on expectations
  - ⇒ XB should be increased to support implementation of strategy
  - ⇒ UNOOSA requires experts in remote-sensing / telecoms / GNSS / communications / IT

**THANK YOU**

**Pre-requisites for Success**