



UNITED NATIONS  
Office for Outer Space Affairs

**UNOOSA, estd. 1957**



# Delivering UNOOSA's Strategy 2024-2030

Dialogue, Action, Impact

06 February 2025





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

### **Space Sustainability**

Ensure Space  
remains  
available for  
Future  
Generations

### **Climate Action**

Drive Climate  
Action  
through  
Space

### **Sustainable Development**

Advance progress  
on Sustainable  
Development  
through use of  
space

### **Developing Countries**

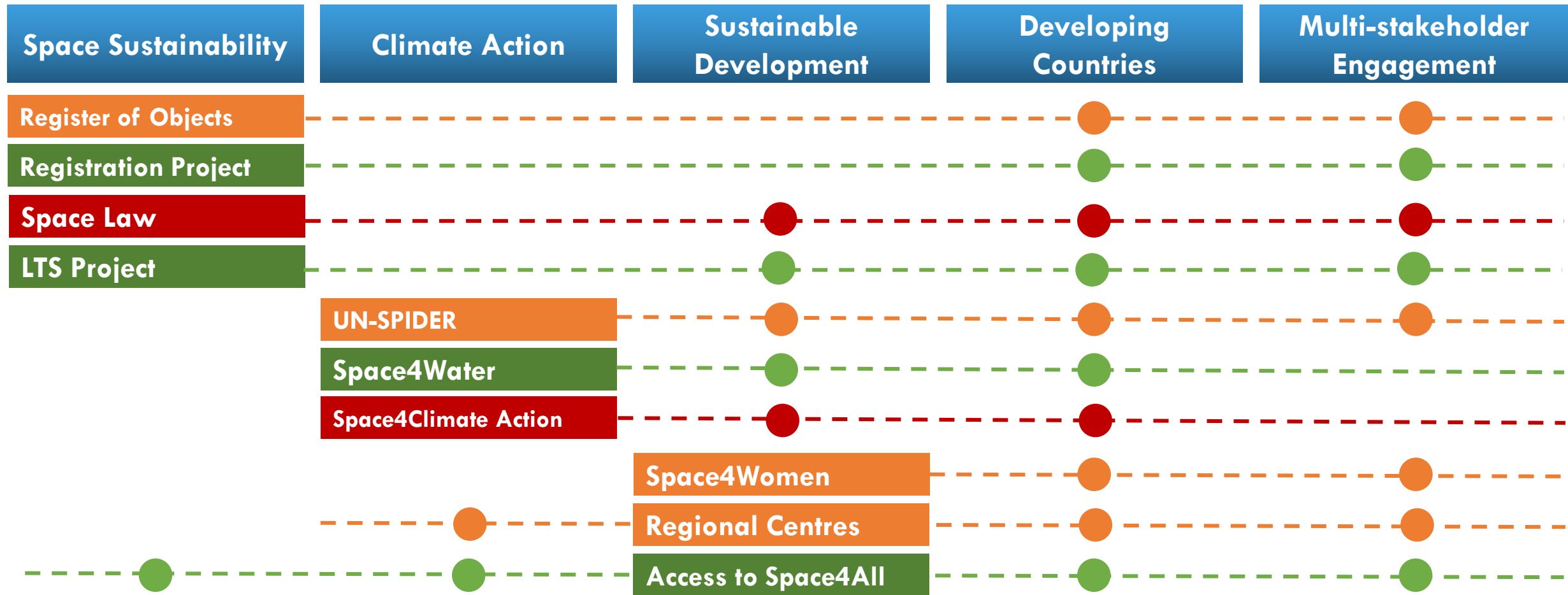
Ensure developing  
countries/Africa  
can contribute to &  
benefit from space

### **Stakeholder Engagement**

Accelerate achieving  
objectives by  
strengthening  
engagement with  
non-governmental  
actors



# Mapping Existing Activities to Expectations (non-exhaustive list)

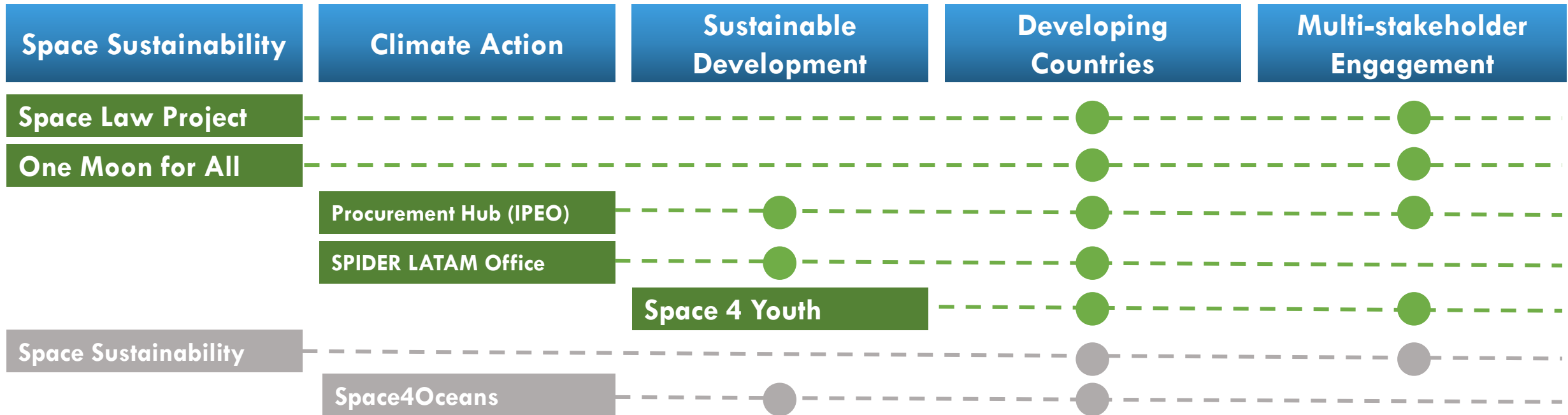


## LEGEND

On Track

Under-resourced

Critical



## LEGEND

Proposal Ready

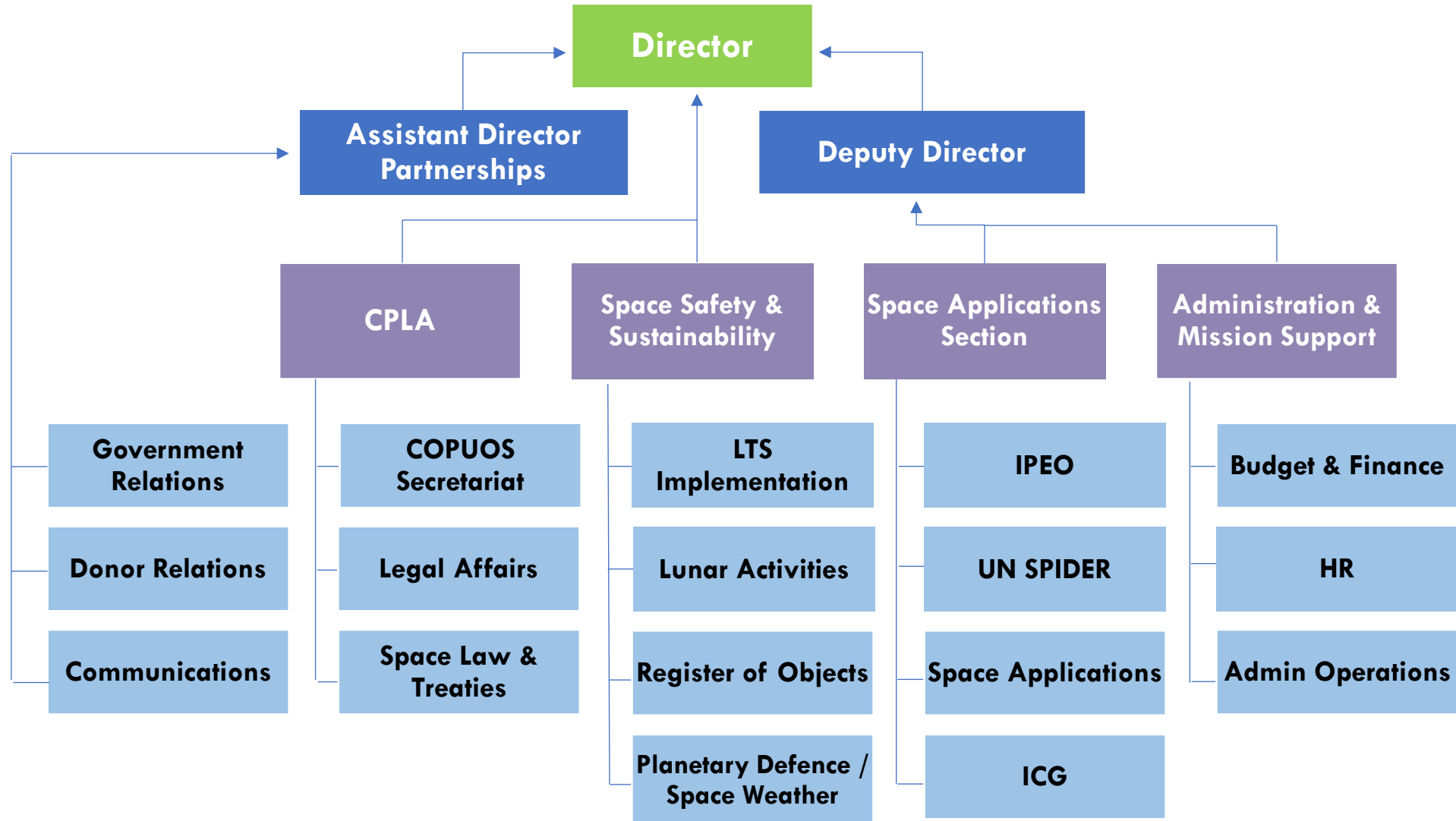
Work In Progress

## Status Quo

- Insufficient resources to deliver existing mandates
- New priorities cannot be adequately addressed

## Being strategic

(i) prioritising projects (ii) allocation of limited resources (iii) new structure





**United Nations**  
Office for Outer Space Affairs

# Global Space Law Project

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Rosanna Hoffmann  
Legal Officer, CPLA



## UNGA Mandate:

“Requests UNOOSA to **assist countries in developing national space laws and policies** in line with international space law.”

### Space Law Technical Advisory Missions

- ▶▶ Tailored legal & policy assistance
- ▶▶ Helping States draft, finalise, implement national space law/policy in alignment with international space law

### ▶▶ Capacity-Building Tools

- **ASTRO** Database: collection of nat. laws and policies
- **E-learning modules:** four modules on national space law (open access)



## Kenya

### Gaps Identifying Exercise

2023: Advised on refining their draft space law, with focus on authorization, supervision, liability & insurance, incl. high-level political engagement. Currently public consultation ongoing, leading to final adoption



## Philippines

### Treaty Ratification and REG

2022: Supported ratification of the REG; all 9 satellites are registered with the UN, & a national registry is in place

2024: showcasing the benefits of ratifying the LIAB & assisting with identifying space regulator to start drafting process



## Chile

### Space Policy

Ongoing TAMs since 2020: Assisted in drafting national space policy, second policy to be adopted very soon.

Encouraged steps towards a national space law in TAM 2024.





# What is the Toolkit?

## The Toolkit is the Solution to Rising Demand

- ▶ **61 Requests for Technical Advisory Missions**
- ▶ **Comprehensive Resource:** A living document designed to provide practical guidance for the development of national space laws and policies (Space Law TAM as a toolkit), assisting all requesting Member States simultaneously.
- ▶ **Empowering Nations:** Provides knowledge & tools to align national space laws with international standards. Supports countries at the start of their space endeavors.

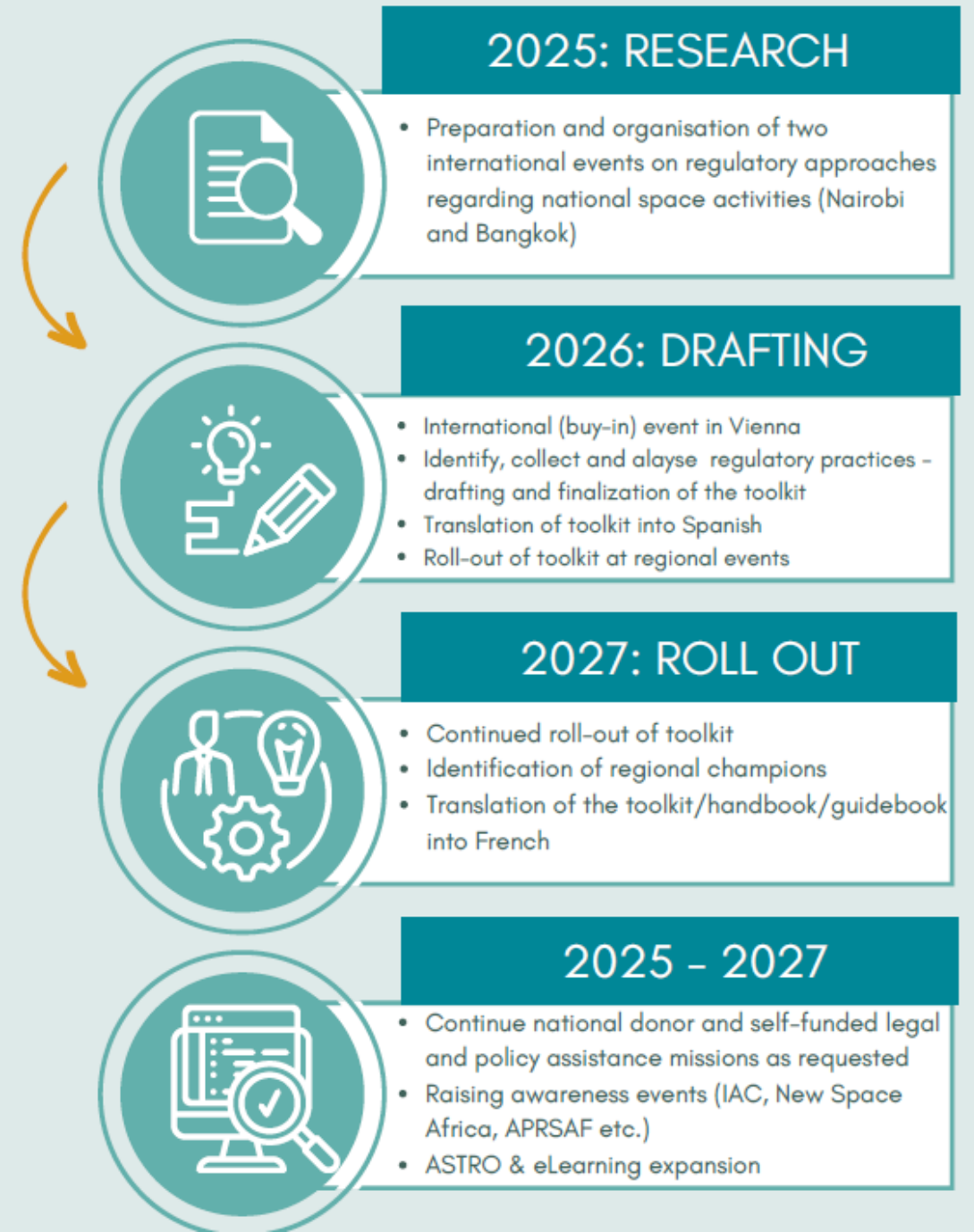


**BUDGET:** \$670k per year over 3 years

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## A Structured Approach to Maximize Impact & Meet Demand





# **Inter-Agency Hub for Procurement of Earth Observation Imagery (IPEO)**

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Lorant Czaran

Acting Head, Space Application Section



## ► Objectives

- ⇒ Increase the **value for money** (i.e. reduce expenses or increase geospatial data)
- ⇒ Make geospatial data available at the **right time** in the **right format** to whichever UN entity / end user needs it
- ⇒ Gain & provide access to archived data & **global datasets** for analysis & services for multiple applications

### ENHANCED OPERATIONAL SUPPORT



*Unified, near-real-time EO data access for peacekeeping, humanitarian, climate & other missions.*

### COST & EFFICIENCY GAINS



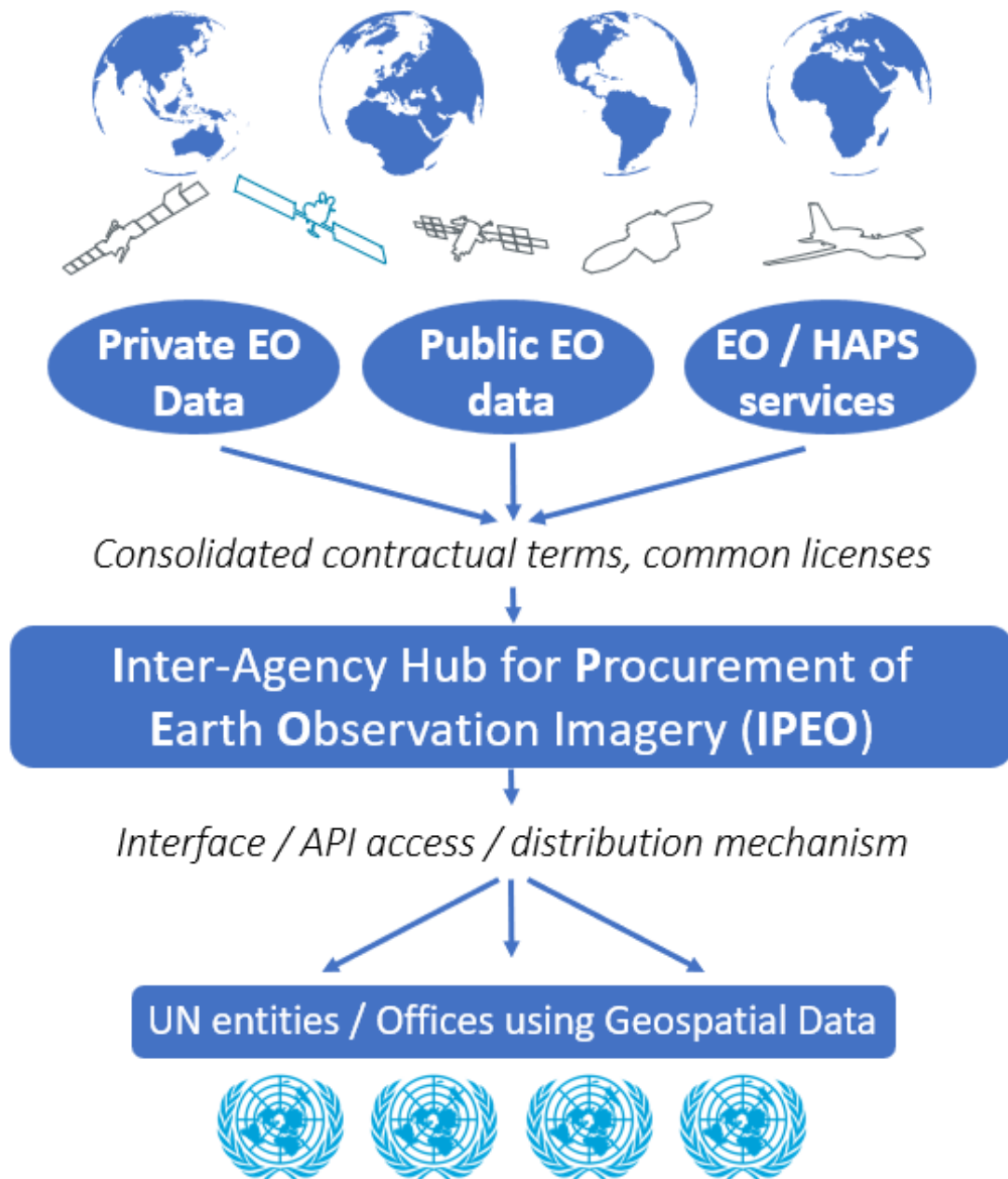
*Consolidated demand, lower licensing cost & reduced administrative burden.*

### LONG-TERM VISION



*One **coordinator** for EO data supporting UN-wide operational capabilities*





# IPEO Functionality

## CORE ACTIVITIES:

- Develop multi-use agreements with multiple EO providers (i) to save \$ & (ii) provide value-added services to MS
- Establish dedicated Secretariat & platform to oversee coordination & operations & later allow analysis
- Pilot regional joint procurement models with select UN entities to demonstrate value

**BUDGET:** \$1.7 m per year over 3 years

**CONTACT:** [czaran@un.org](mailto:czaran@un.org)



## **UN-SPIDER LATAM Office**

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Lorant Czarán  
Head, UN-SPIDER



- ▶ **UN-SPIDER Latin America & Caribbean Office** – empowering LATAM with space-based solutions for disaster management in face of growing climate & natural hazards
  
- ▶ **UN-SPIDER is unique** - no other UN entity provides targeted capacity-building for:
  - 1) Activating emergency response mechanisms (Int. Disaster Charter)
  - 2) Embedding space data/services into disaster management cycle (e.g. 3D mapping of Tongatapu Island to better model rising sea levels)
  - 3) Institutional strengthening missions to ensure “whole of government” approaches to disaster management & space

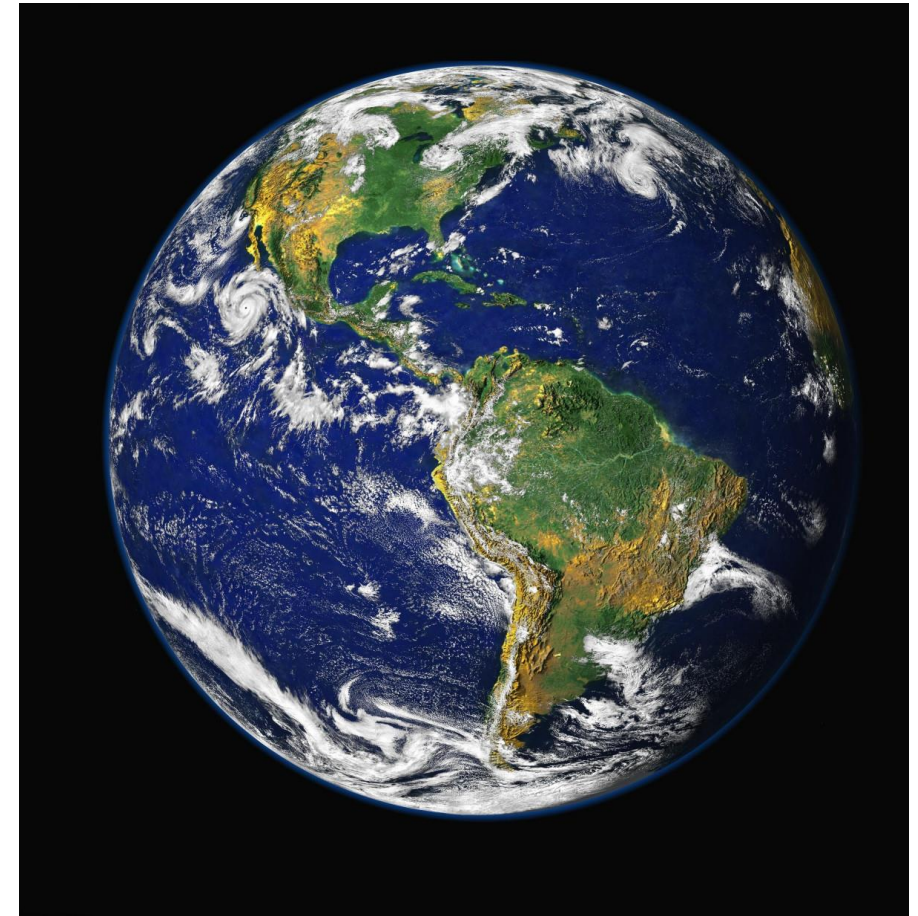


## ►► CORE ACTIVITIES:

- Institutional Strengthening Missions
- Equipping States with necessary disaster preparedness skills to use EO imagery in DRR & activate response and recovery support mechanisms
- Translate / localize UN-SPIDER Knowledge Portal for regional use

►► BUDGET: \$946k per year over 4 years

►► CONTACT: [czaran@un.org](mailto:czaran@un.org)







# One Moon for All

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Michael Newman

Legal Officer, CPLA



▶▶ The **One Moon for All initiative** supports the work of ATLAC and States members in managing and coordinating lunar activities

▶▶ **KEY OBJECTIVES:**

- Enhancing the Capabilities of Member States in Developing Lunar Policies
- Promoting International Cooperation and Information Sharing on Lunar Activities
- Strengthening Global Collaboration through High-Level Dialogues & Expert Exchanges





## ►► CORE ACTIVITIES:

- Enhance UNOOSA's resilience in supporting Member States Effective Facilitation of ATLAC's Mandate
- Host high-level dialogues, panels, and workshops and an annual Forum on lunar cooperation.
- Implementation of ATLAC's Recommendations
- Establishment of a Platform for High-Level Dialogue on Lunar Safety

►► **BUDGET:** \$767k per year

►► **CONTACT:** [michael.newman@un.org](mailto:michael.newman@un.org)





## **Space 4 Youth**

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Andrew Peebles

External Relation Officer, OD/CPLA





## OBJECTIVES

- Create a holistic Space4Youth programme
- Leverage partnerships (e.g., Space Generation Advisory Council & Endurosat, Regional Centres, Kyutech)
- Leverage the consultative mechanism developed after UNISPACE III, namely the SGAC
- Promote the voices of young people in global space governance

# Two Track Approach – 1/2

## Youth Perspectives in Space Policy & Governance

- **International Expert Events**
- **Toolkit** – To create a baseline understanding of how to integrate youth perspectives into the space sector; how space can be used for education; and creating equal opportunities
- **Regional and National Implementation of the Toolkit**





## ► Science and Technology Track

- **Regional Centres** for Space Science and Technology Education, affiliated to the UN (China, Morocco, Nigeria, Brazil/Mexico, Jordan, India)
- **Essay Competition** and Trip to Space Camp, currently sponsored by the US Mission to the International Organisations in Vienna
- UNOOSA/Japan/Kyutech - **Post-graduate Fellowship Programme** on Nano-Satellite Technologies (PNST)

## ► Possible Partnerships

- **Endurosat** - 12-20 scholarships could be offered to 16–26-year-olds from developing countries to learn how to build satellites

**BUDGET:** \$375k per year for 3 years

**CONTACT:** [Andrew.peebles@un.org](mailto:Andrew.peebles@un.org)



## **YOUR ROLE:**

Support our efforts by partnering, funding, or engaging in this transformative initiatives to ensure that space remains a resource for global progress.

***"Together, we can ensure space serves all humanity—now and for future generations."***