



UNITED NATIONS
Office for Outer Space Affairs

6-9 June 2017

Vienna International Centre

8th UN-SPIDER RSO Meeting

Shirish Ravan

United Nations Office for Outer Space Affairs

United Nations Office at Vienna

www.unoosa.org



Vision

Bringing the benefits of space to humankind

Mission Statement

The core business of the Office is to promote

International Cooperation

in the use of outer space to achieve development goals
for the benefit of humankind



Space today

Space technology supports our common goals to address **global challenges of the 2030 Agenda for Sustainable Development.**

There is no better example of UNOOSA's vision **'to bring the benefits of space to humankind'** by showing space's importance in the realization and implementation of the 17 Sustainable Development Goals.





UNITED NATIONS
Office for Outer Space Affairs

UNISPACE
+50



UNISPACE+50

In June 2018 the international community will mark the 50th anniversary of the first UN Conference on the Exploration and Peaceful Uses of Outer Space (UNISPACE) and articulate a long-term vision for space.

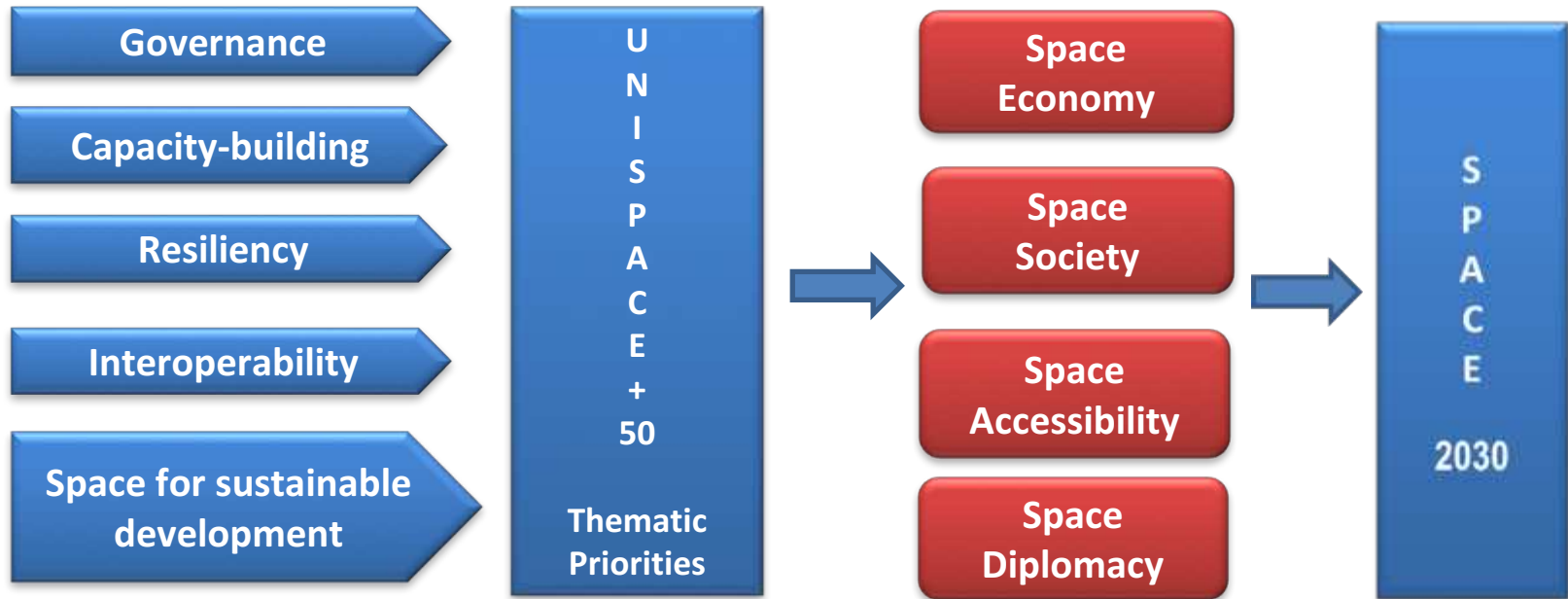
In the lead-up to 2018, UNOOSA aims to drive debate on the role of space science and technology in fostering global development.



@UN Photo



UNISPACE+50 Process





Four Pillars

Space Economy

1. Development of space-derived economic benefits.

Space Society

2. Evolution of society and societal benefits stemming from space-related activities.

Space Accessibility

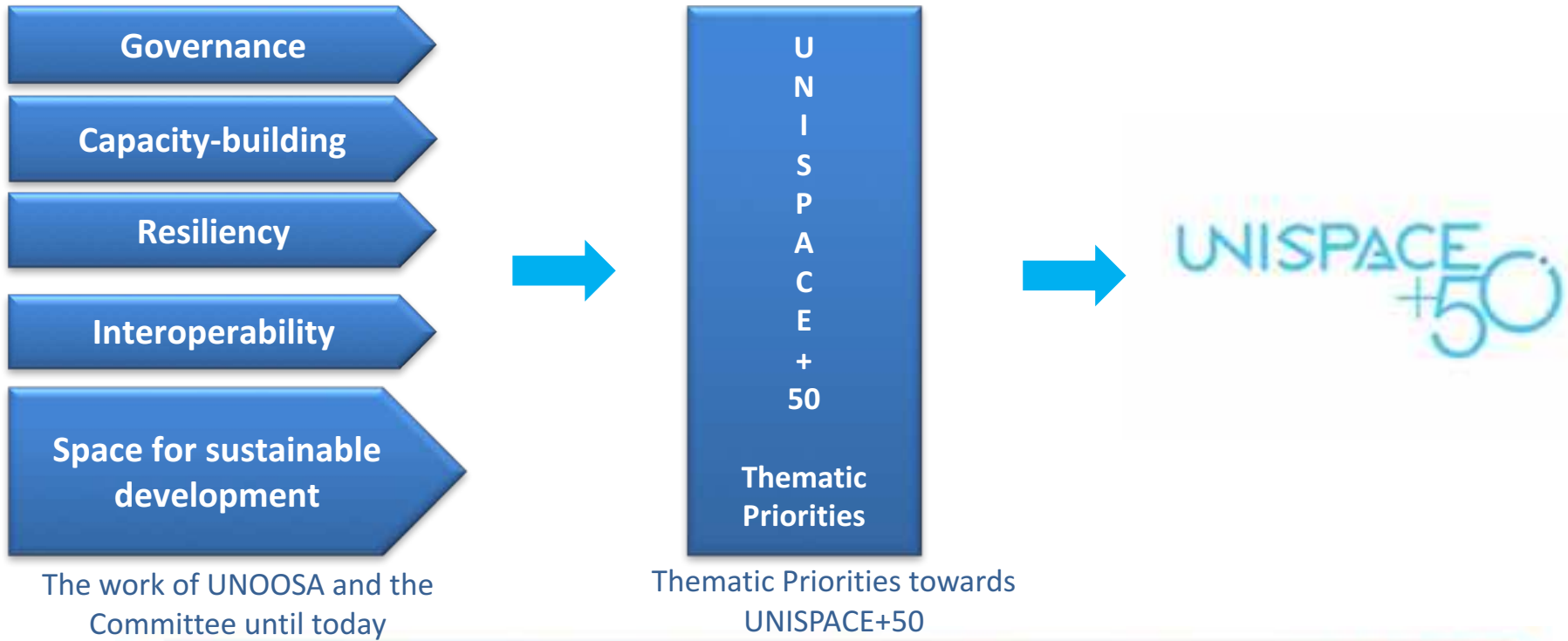
3. All communities using and benefitting from space technologies.

Space Diplomacy

4. Building partnerships and strengthening international cooperation in space activities.



UNISPACE+50: The Process and beyond



The work of UNOOSA and the Committee until today

Thematic Priorities towards UNISPACE+50



The United Nations Foundation



Thematic Priorities

1. Global partnership in space exploration and innovation
2. Legal regime of outer space and global space governance: current and future perspectives
3. Enhanced information exchange on space objects and events
4. International framework for space weather services
5. Strengthened space cooperation for global health
6. International cooperation towards low-emission and resilient societies
7. Capacity-building for the 21st Century



UNISPACE+50: The Process and beyond

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Space Economy

Space Society

Space Accessibility

Space Diplomacy



S
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2030

4 Pillars to guide our
discussions towards the
future of space



From the concept to Space2030

- Reflections start with the premise that global space users share similar sets of goals and have common strategic objectives that include:
 - securing the space domain for everyone's peaceful use;
 - protecting legitimate space assets from various types of threats; and
 - deriving value from space assets for security, economic, civil and environmental ends.
- Common objectives will stimulate greater support within countries and non-state actors who want to benefit from space but do not have their own space programmes.



The UN-SPIDER Programme

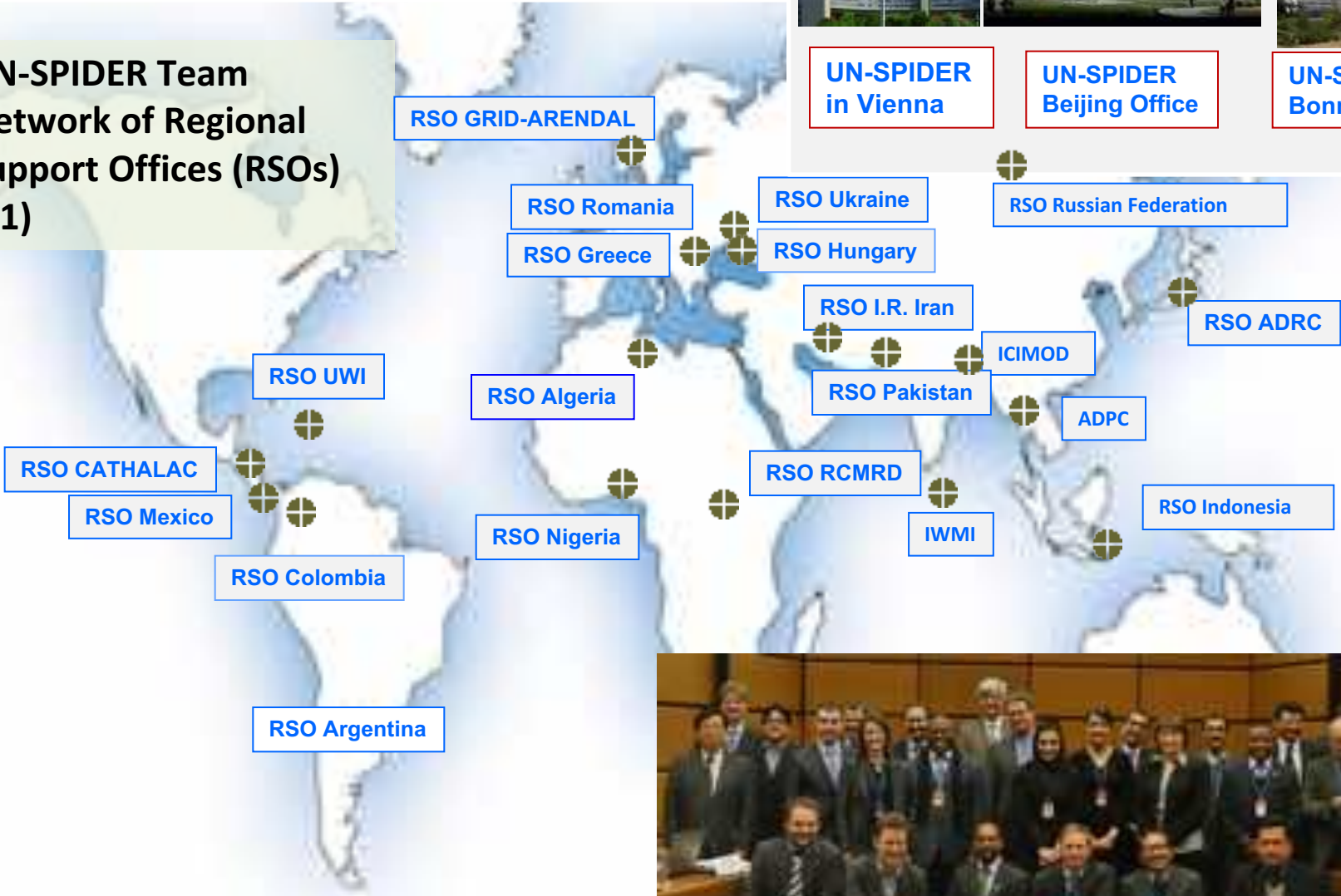
- UN-SPIDER Team
- Network of Regional Support Offices (RSOs) (21)



UN-SPIDER in Vienna

UN-SPIDER Beijing Office

UN-SPIDER Bonn Office



 Network of Regional Support Offices





VIENNA



Luc St-Pierre



Shirish Ravan



Lorant Czarán



Ahmed Osman

BONN



Juan Carlos
Villagran



Joachim Post

Radu Botez

BEIJING



Head of the
Office (to be
recruited)



Tang Tong



Jiayi Sun



Emma Yuan Gao



Technical Advisory Support

- Over 55 countries supported
- 34 national Technical Advisory Missions (end 2016)
- **Over 350 recommendations**
- With financial support from governments of Austria, China and Germany, and regular budget UNOOSA and in-kind contributions of network of regional support offices and various (many) other partners





Capacity building and institutional strengthening efforts

Tasks conducted



Curriculum on Remote Sensing for Emergency Response



Database of training opportunities and training material



SOPs and Recommended Practices developed for institutional strengthening



Training courses conducted in Asia, Africa, Latin America and the Caribbean



Institutional Strengthening Missions conducted to many countries



UN-SPIDER Outreach & Awareness Raising efforts

Awareness
Raising Efforts



Newsletters, Monthly
Updates and other
publications



Social media



Participation in events
organised by partners



UN-SPIDER Knowledge
Portal



International Conferences,
Regional Expert Meetings



Contribution to Sendai Framework since 2015

- UN-SPIDER organised Working Session on Earth Observation and High Technology to Reduce Risks
- Global Partnership on Space Technology Applications for Disaster Risk Reduction (GP-STAR)
- TAMs and TAM Follow Up Activities are adjusted to address implementation of Sendai Framework
- Conferences and regional workshop addressed specific topics of Sendai Framework
- Participation at ISDR's AMCDRR and GPDRR events
- Linkage to thematic priorities 4, 5, 6 and 7 of UNISPACE+50
- Specific contribution to thematic priority 6: International cooperation towards low-emission and resilient societies



Contribution to UNISPACE+50

(Sendai Framework, COP21 Climate Change Agreement and SDGs)

- Strong linkage to thematic priorities 4, 5, 6 and 7 of UNISPACE+50
- Specific contribution to thematic priority 6: International cooperation towards low-emission and resilient societies
- SPIDER+10 Conference and its recommendations feeding into UN-SPIDER 2030 Roadmap
- Conference in Beijing – Building resilience through integrated applications, 23-25 October 2017, Beijing, China
- Thematic priority 6 Flagship event in Bonn: United Nations/Germany International Conference on International Cooperation Towards Low-Emission and Resilient Societies, 22-24 November 2017, Bonn, Germany



UNISPACE+50: The Process and beyond





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THANK YOU

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United Nations Office at Vienna

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