



Telecommunication
Development Bureau (BDT)



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Subject: Invitation to participate in Asia-Pacific Regional workshop on Satellite Services, National Regulatory Frameworks, and partnership, from 1 to 2 October 2024, Ulaanbaatar, Mongolia

Dear Sir/Madam,

It is our pleasure to invite you to participate in the 2024 workshop on **Satellite Services, National Regulatory Frameworks, and partnership** taking place from 1 to 2 October 2024 in Ulaanbaatar, Mongolia.

The event is co-organized by the International Telecommunication Union (ITU) and the International Think Tank for Landlocked Developing Countries (ITLLDC) and is supported by the Ministry of Digital Development and Communications (MDDC) of Mongolia, Communications Regulatory Commission of Mongolia and Department of Infrastructure, Transport, Regional Development, Communications and the Arts (DITRDCA) of Australia.

With the objective to achieve sustainable development and more effective integration of new and upcoming satellite technologies in digital economy of the Landlocked Developing Countries in Asia and the Pacific, the workshop will focus, in particular, on development of digital connectivity and the role of satellite and space services to support:

- Affordable and universal connectivity,
- Resilient Digital networks and services,
- Economic development through international cooperation in use of space and satellites services

The draft agenda of the event is attached as Annex-1 for your information, while other documents and updates can be accessed from the event webpage at <http://itu.int/go/LLDC2024> . Registration for the event is mandatory, and participants are invited to register at link provided at the event webpage.

Fellowship

With the support from Department of Infrastructure, Transport, Regional Development, Communications and the Arts (DITRDCA) of Australia, ITU is pleased to provide **one full fellowship per participant from eligible country from Asia-Pacific**, subject to availability of funds, with preference to those applicants who would be able to share their country experiences in relevant sessions and apply the workshop outcomes in their organizations.

Full fellowships will cover the air ticket (one return economy class ticket by the most direct/economical route from the country of origin to the meeting venue), and appropriate daily subsistence allowance intended to cover accommodation, meals and incidental expenses. Member States shall cover the remainder of the cost of the participation.

In line with the Plenipotentiary Resolution 213 (Dubai, 2018), it is encouraged that fellowship nominations take into consideration gender balance and inclusion of persons with disabilities and with specific needs. The criteria to grant a fellowship include: available ITU budget; active participation, equitable distribution among countries and sub-regions within Asia and the Pacific; application by persons with disabilities and specific needs; and gender balance.

Fellowship application can be made online at <https://forms.office.com/e/5qEjGLuYK9> by **26 August 2024** at the very latest. Registration to the event is mandatory for any fellowship application.

Should you require any additional information, Mr Aamir Riaz (aamir.riaz@itu.int) is the ITU focal point for this event.

Visa

Visa support letter may be provided on request. Deadline for such requests is **5 September 2024**.

We look forward to the active participation of your organization in this event.

Yours faithfully,



Cosmas Luckyson Zavazava
Director
Telecommunication Development Bureau



Dulguun Damdin-Od
Executive Director
International Think Tank for Landlocked Developing
Countries (ITLLDC)

Annex-1: Draft Agenda

Annex 1**ITU - ITTLLDC Seminar – 2024**

*1 - 2 October 2024
Ulaanbaatar, Mongolia*

Introduction:

Satellite services play a crucial role in the development of resilient digital infrastructure. Their unique capabilities and widespread reach enable them to support various facets of digital resilience, especially in scenarios where traditional terrestrial infrastructure may be vulnerable or insufficient. The integration of upcoming Non-terrestrial Networks (NTN), Direct to Device (D2D) services and other new satellite technologies into digital infrastructure development is essential for building a resilient and inclusive digital ecosystem. This could bring unique advantage in providing universal and affordable connectivity, redundancy, and data for informed decision-making.

For the Landlocked developing countries (LLDCs), which face unique challenges in building resilient digital infrastructure due to their geographical constraints, satellite services play an even more role in overcoming connectivity challenges and fostering development in these regions.

Building on the impactful collaboration of 2023, the International Telecommunication Union (ITU) and International Think Tank for Landlocked Developing Countries (ITTLLDC) would be co-organizing an event, with support from Department of Infrastructure, Transport, Regional Development, Communications and the Arts of Australia, to highlight and discuss how satellite and space services can support:

- affordable and universal connectivity,
- supporting resilient Digital networks and services,
- fostering economic development, aiding in disaster management,
- promoting international cooperation in use of space and satellites services

to achieve sustainable development and more effective integration of new and upcoming technologies in digital economy.

Target

The event would attempt to bring together participants from Asia and the Pacific with specific focus on Land Locked Developing Administrations from Asia and the Pacific and domain experts.

Event Scope

The event is being planned as a physical event and consists of several sessions spread over 2 days including a P2C session.

Partners

- **Organizers:** ITU, ITTLLDC
- **Supported by:** MDDC, CRC, DITRDCA

Summarized Event details

- **Venue:** Ulaanbataar, Mongolia
- **Event duration:** 2 days (From 01 – 02 Oct 2024)
- **Participation:** Asia-Pacific membership of ITU
- **Webpage:** <http://www.itu.int/go/EBAZ>

Draft Program

DAY 1:	
09h30-10h00	Introduction and Opening
10h00-10h30	Break
10h30-12h30	<p>Session 1: Background, impact, and development of satellite services</p> <p>The session would include amongst:</p> <ul style="list-style-type: none"> • Brief overview of satellite services, historic developments, expansion and diversification of connectivity • Importance and relevance in today's digital infrastructure • Impact of Satellite Services in communications, emergencies, navigation and Timing, Earth Observation, Environmental monitoring (weather, climate change), agricultural management, Digital inclusion (rural and remote areas), Market expansion for businesses, Space exploration • Development of Satellite Services: Miniaturization: Small satellites (smallsats) and CubeSats, High-throughput satellites (HTS), Reusable rockets (SpaceX) • Global Regulatory and Policy: International collaboration (Outer Space Treaty) and Spectrum management (International Telecommunication Union - ITU) • Future Trends and Challenges: • Q and A
12h30-14h00	Break
14h00-16h15	<p>Session 2: Developing a national satellite program: Consideration and case studies</p> <p>The session would provide a understanding of the key considerations and strategic steps involved in developing a national satellite program, in essence it would attempt to include discussion on:</p> <ul style="list-style-type: none"> • Importance of national satellite programs • Key Considerations in Developing a National Satellite Program • Technical and Infrastructure Requirements • Funding and Budgeting • Capacity Building and Human Resources

- Assessment and Planning
- Implementation and Launch
- Operation and Maintenance
- Evaluation and Evolution
- Challenges and Mitigation Strategies
- International Competition
- Q&A

DAY 2:

09h30-10h45	Session 3: Country Case presentations on the national satellite programmes and regulatory mechanisms
11h45-11h15	Break
11h30-12h45	<p>Session 4: Trends in Satellite connectivity and its regulations and future</p> <p>The session would explore the latest trends in satellite connectivity, discuss the regulatory landscape, and anticipate future developments in the field. This would target to include exchanges on:</p> <ul style="list-style-type: none"> • Growth of Low Earth Orbit (LEO) Satellites • High-Throughput Satellites (HTS) • D2D • Expanding Role of AI and Machine Learning • Integration with 5G Networks • Mega-Constellations • Quantum Communication Satellites • Enhanced Earth Observation Capabilities • Inter-Satellite Link Technologies • Green Satellite Technologies • Regulatory Challenges in Harmonizing international regulations and addressing new regulatory needs • New business models • Social and Ethical Considerations on Digital divide and Ethical use of satellite data <p>Q&A</p>
12h45-14h00	Break
14h00-16h00	<p>Session 5: Partner to Connect (P2C)</p> <p>The Partner2Connect Digital Coalition (P2C) is a global multistakeholder alliance launched in 2021 by ITU, in close cooperation with the Office of the Secretary-General's Envoy on Technology, and the UN Office of the High Representative for the Least Developed Countries, Landlocked Developing Countries and Small Islands Developing States (UNOHRLLS). Created in line with the UN Secretary-General's Roadmap for Digital Cooperation, the WSIS action lines and the Sustainable Development Goals, the purpose of P2C is to serve as a global platform to mobilize and announce new resources, partnerships and commitments for universal and meaningful connectivity in the hardest-to-connect communities in Least Developed Countries (LDCs), Landlocked Developing Countries (LLDCs) and Small Island Developing States (SIDS). P2C Action Framework serves as the guiding document for the Coalition. The Partner2Connect online pledging platform, through which resources from public and private sector players around the world</p>

are being mobilized, now has 900¹ pledges made worth around USD 46.18 billion, submitted by 436 entities based in 142 countries around the globe.

As on 17 May 2024, 16 pledges worth \$56.47 Million have been made by 11 entities promoting meaningful connectivity and digital transformation. This session will provide a unique opportunity for all relevant stakeholders on the global and national levels with a wide range of expertise to come together to understand the country's needs and determine the best possible responses to Mongolia's digital transformation, including through the mobilization of new P2C pledges, as well as leveraging dialogue with key stakeholders.

The objectives of the roundtable are as follows:

- To develop a deeper understanding of the pilot country's digital landscape, and share Mongolia's digital landscape, digital transformation initiatives, relevant policies and strategies, existing opportunities, and development gaps.
- To bring together all key stakeholders involved in Mongolia's digital transformation (government, P2C pledging organizations, donors, UN and international organizations, private sector, civil society, academia) to discuss and align on Mongolia's priority areas for development and targets.
- To mobilize additional P2C pledges matching Mongolia's gaps and priorities as well as facilitate sustainable partnerships.

Session 5a: Extending universal connectivity in Mongolia

This session will invite P2C Digital Coalition partners to share details on the pledges made with reference to Mongolia and invite new pledges from international and national entities on the same area.

Moderator

Speakers

Session 5b: Digital transformation in Mongolia

This session will share international practices and pledges made by P2C Digital Coalition partners on digital transformation, digital public infrastructure and advancing digital public goods. It also invites new pledges from international and national entities.

Moderator

Speakers

16h00-
16h10

Closing

¹ As of 16 May 2024