ITU - ITTLLDC Seminar – 2024

01 - 02 October 2024

Ulaanbaatar, Mongolia

**Draft Program**

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| **DAY 1:**  |
| 09h30-10h00 | **Introduction and Opening**1. Mr Dulguun Damdin-Od, Executive Director, Secretariat, International Think Tank for LLDCs
2. Mr Tapan Mishra, United Nations Resident Coordinator (UNRC) Mongolia
3. Mr. Tsagaankhuu Sodovjamts, Director General of Communications Policy Implementation and Coordination Department of Ministry of Digital Development, Innovation and Communications (MDDIC)
4. Mr. Amgalan Zandraa, Director General of the Radio Frequency Regulation and Monitoring Department, Communications Regulatory Commission of Mongolia
5. Video remarks ITU (RD)??
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| 10h00-10h30 | **Break** |
| 10h30-12h30 | **Session 1**: Developing a national satellite program: Background and considerationsWith key technological advancements, satellite services have become much more relevant in the overall Digital connectivity. With applications ranging from navigation, Timing, Earth Observation, Environmental monitoring (weather, climate change), agricultural management, Digital inclusion (rural and remote areas) amongst others, satellite services have become part of modern digital economy.The session would include focus on introducing the overview of satellite services with historic changes and would introduce modern trends Small satellites (smallsats) and CubeSats, High-throughput satellites (HTS), Reusable rockets (SpaceX). The session would also highlight the international and regulatory development and best practices. Key considerations in developing a national satellite program would also be part of the session:**Speakers**1. [Bryce Kennedy](https://www.linkedin.com/in/brycekennedy/), ITU
2. Aamir – ITU (WRC-23 /27)
3. Ms Natavan Hasanova, Azercosmos
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| 12h30-14h00 | **Break** |
| 14h00-16h15 | **Session 2:** Country Case presentations on the national satellite programmes and regulatory mechanismThe country presentations would include:* Country introduction, geography and why was satellite programme needed
* Technical details on satellite programme e.g. coverage and services provided
* National organization and coordination for satellite programme management
* Policy and regulatory interventions required
* Competition with foreign satellite providers
* Financial sustainability mechanisms
* How national satellite programme impacts overall resilience of the digital connectivity.
* Any examples of effective use cases: rural connectivity, backhauling, emergency connectivity etc.
* Any future advancements or plans.

**Speakers**1. Bangladesh
2. Pakistan
3. Indonesia
4. Malaysia
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| **DAY 2:**  |
| 09h30-10h45 | **Session 3**: Introducing satellite service to market- Challenges The country presentations would include:* Country introduction, geography and other relevant details e.g. population diversity etc.
* What key challenges need satellite connectivity
* What kind of satellite service is needed to resolve them
* What administration and regulator require from a foreign satellite operator to provide license?
* What international cooperation is needed?
* Any unique requirements as an LLDC or SIDs (where applicable)
* Future plans

**Speakers*** Bhutan
* Cambodia
* Laos
* Nepal
* Sri Lanka
* Kiribati

**Moderator**Mongolia |
| 11h45-11h15 | **Break** |
| 11h30-12h45 | **Session 4**: Trends in Satellite connectivity and its regulations and futureThe 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:* Growth of Low Earth Orbit (LEO) Satellites
* High-Throughput Satellites (HTS)
* D2D
* Integration with 5G Networks
* Mega-Constellations
* Enhanced Earth Observation Capabilities
* Inter-Satellite Link Technologies
* Green Satellite Technologies
* Regulatory Challenges in access to markets and best regulatory models for market entrance
* New business models

**Speakers**1. Mr Badam Amgalan, Intersputnik
2. Takashi Motohisa, Project Kuiper
3. Mr Osamu Kamimura, Vice President and Head of Spectrum Policy Office, SoftBank

**Facilitator: ITU**Q&A |
| 12h45-14h00 | Break |
| 14h00-16h00 | **Session 5**: Partner to Connect (P2C)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](https://www.itu.int/itu-d/reports/partner2connect-action-framework/) serves as the guiding document for the Coalition. The Partner2Connect [online pledging platform](https://www.itu.int/itu-d/sites/partner2connect/pledges/explore-pledges/), through which resources from public and private sector players around the world are being mobilized, now has 900[[1]](#footnote-1) pledges made worth around USD 46.18 billion, submitted by 436 entities based in 142 countries around the globe. Noting the unique nature of the ITU-ITTLLDC Seminar 2024, this session will provide a platform to focus on 1) Highlighting new and recent pledges made by stakeholders for the Asia-Pacific, and 2) Diving into specific opportunities linked to satellite-related P2C pledge.Both sessions will also focus on matchmaking with interested entities, both in Mongolia and among other member states and entities participating in the seminar.**Session 5a: Bridging the digital divide through P2C** This session will invite P2C Digital Coalition partners to share details on the pledges made recently for Mongolia as well as for the Asia-Pacific. Moderator: ITUSpeakers: 1. ITTLLDC
2. MDDIC (will follow-up)
3. CRC
4. Other Mongolia pledgers
5. UN entities?
6. Intersputnik?

**Session 5b: P2C and Satellite-related opportunities** This session will share international practices and pledges made by P2C Digital Coalition partners related to satellites. It also invites new pledges from international and national entities, and to provide opportunities for matchmaking.ModeratorSpeakers 1. SpaceX
2. Softbank
3. Intersputnik?
4. Project Kuiper
5. Intelsat
6. Others.
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| 16h00-16h10 | **Closing** |

1. As of 16 May 2024 [↑](#footnote-ref-1)