

RESOLUTION 91 (Baku, 2025)

Artificial intelligence technologies in telecommunication development

The World Telecommunication Development Conference (Baku, 2025),

recalling

- a)* Resolution 214 (Bucharest, 2022) of the Plenipotentiary Conference, on artificial intelligence (AI) technologies and telecommunications/information and communication technologies (ICTs);
- b)* Resolution 205 (Rev. Bucharest, 2022) of the Plenipotentiary Conference, on ITU's role in fostering telecommunication/ICT-centric innovation to support the digital economy and society;
- c)* Resolution 101 (New Delhi, 2024) of the World Telecommunication Standardization Assembly, on standardization activities of the ITU Telecommunication Standardization Sector on AI technologies in support of telecommunications/ICTs,

considering

- a)* the efforts of ITU, in partnership with other United Nations bodies, to convene the AI for Good platform;
- b)* ITU's collaboration with other United Nations agencies and organizations through the Inter-Agency Working Group on Artificial Intelligence, co-chaired by ITU and the United Nations Educational, Scientific and Cultural Organization, which provides a solid foundation for system-wide efforts on AI, especially in capacity building,

resolves

- 1 that the ITU Telecommunication Development Sector (ITU-D) shall develop activities that support Member States, particularly developing countries¹, in building foundational telecommunication/ICT infrastructure as enablers for AI adoption;
- 2 to promote the exchange of knowledge and experience relating to opportunities and challenges of adopting AI tools and applications in telecommunications/ICTs;
- 3 that ITU-D's work on AI should remain aligned with the mandate set forth in Resolution 214 (Bucharest, 2022), focusing on strengthening the telecommunication/ICT ecosystem to support AI technologies and the use of AI to enhance the efficiency of telecommunications/ICTs,

instructs the Director of the Telecommunication Development Bureau

- 1 to support Member States to assess their readiness, focusing on the expertise of the Telecommunication Development Bureau (BDT) in policy guidance, infrastructure development and capacity building;
- 2 to help Member States, focusing on telecommunication/ICT pillars that AI has an impact on, to identify strategic goals, facilitate enhanced AI adoption and enable the development of their national AI-related telecommunication/ICT infrastructure;
- 3 to facilitate information sharing among the ITU membership about ITU-D's work on AI in telecommunications/ICTs, in order to build understanding, particularly for developing countries, related to AI capacity building in support of telecommunications/ICTs and associated opportunities and challenges,

requests the Secretary-General

to coordinate work across the different Sectors within ITU with a view to achieving an integrated, "One ITU" approach,

¹ These include the least developed countries, small island developing states, landlocked developing countries and countries with economies in transition.

invites Member States, Sector Members, Associates and Academia

- 1 to promote the use of AI as an enabler of entrepreneurship and the growth of micro, small and medium enterprises in the telecommunication/ICT sector;
- 2 to contribute actively to BDT's work on AI by sharing best practices, providing expertise, and participating in capacity-building and innovation initiatives to ensure that the benefits of AI are shared by all.