

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.