



ANNEX 2

ITU Regional Development Forum (RDF) for the Commonwealth of Independent States (CIS) Region (RDF-CIS)

26-27 March 2024

Astana, Kazakhstan

Organized by the Telecommunication Development Bureau (BDT) of the
International Telecommunication Union (ITU)

Hosted by the Ministry of Digital Development, Innovation, and Aerospace Industry of
the Republic of Kazakhstan

CONTRIBUTION FORM

Please note that submitted information will be presented during the RDF-CIS P2C Roundtables and it will also be reflected on the pledging platform of the Partner2Connect Digital Coalition.

Once completed please send to ITU-RO-CIS@itu.int

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TITLE: **Building a test laboratory of radio equipment**

DESCRIPTION OF ACTION:

Technical regulations are prepared in the Republic of Azerbaijan on the basis of European directives 2014/53/EU, 2014/30/EU, 2014/35/EU. It is planned to assess the compliance of the radio equipment to be imported into the country with the requirements of those Technical Regulations. Currently, there is no laboratory in the country with the technical capabilities to assess these requirements.

It is proposed to build the following 4 laboratories for testing radio equipment:

1. Laboratory for conducting electromagnetic compatibility tests
2. Laboratory for conducting radio frequency tests
3. Laboratory for conducting low voltage tests
4. Laboratory for carrying out SAR (specific absorption rate) tests

EMU radiation (emission) tests, EMU immunity tests are planned for EMU conformity assessment. It is planned to build 4 laboratories and 2 control rooms, insulated in different sizes (using ferrite and absorbents) for various tests. The laboratory room should have a 360-degree rotating table.

In order to conduct radio frequency tests, it is intended to conduct radio frequency tests in the laboratory, tests to determine the operating frequencies and output power of devices working with radio waves under normal conditions of use. It is supposed to consist of 1 laboratory and 1 control room.

It is planned to carry out various safety tests in the low voltage test laboratory.

Availability of 1 isolated laboratory room and a control room is provided for carrying out SAR tests.

In addition, it is planned to have administrative and auxiliary rooms for the staff responsible for the management of the laboratories.

COUNTRIES IN FOCUS:

The Republic of Azerbaijan

YEARS of IMPLEMENTATION: *Tick the relevant boxes or delete the irrelevant items*

☒ 2024

☒ 2025

1



RELEVANT ITU REGIONAL INITIATIVE: *Tick the relevant boxes or delete the irrelevant items*

☒ CIS1: Developing infrastructure to promote innovation and partnerships in the introduction of new technologies – the Internet of Things, including the industrial Internet, smart cities and communities, 5G/IMT-2020 and next-generation NET-2030 communication networks, quantum technologies, artificial intelligence, digital health, digital skills and environmental protection

☐ CIS2: Cybersecurity and personal data protection

☐ CIS3: Creating an enabling legal and regulatory environment to accelerate digital transformation

☐ CIS4: Digital skills and information and communication technology accessibility for the public, in particular for persons with disabilities

☐ CIS5: Development of smart cities and communities

Use the link below you discover more information on the ITU Regional Initiatives 2023-2025, as defined by WTDC-22: <https://www.itu.int/en/ITU-D/Pages/regional-initiatives-2023-2025.aspx>

RELATED ITU-D PRIORITIES AS DEFINED BY THE ITU WORLD TELECOMMUNICATION DEVELOPMENT CONFERENCE 2022:

☒ Affordable connectivity

☐ Digital Transformation

☒ Enabling policy and regulatory environment

- ☐ Resource mobilization and international cooperation
- ☐ Inclusive and secure telecommunications/ICTs for sustainable development

Please find more information on the ITU-D Priorities, as defined by WTDC-22, [here](#)

RELATED ITU PRIORITIES AS DEFINED BY ITU PLENIPOTENTIARY CONFERENCE 2022:

- ☒ Spectrum use for space and terrestrial services
- ☐ International telecommunication numbering resources
- ☐ Inclusive and secure telecommunication/ICT infrastructure and services
- ☒ Digital applications
- ☒ Enabling environment

Please find more information on the ITU Priorities, as defined by PP-22, [here](#)