ITU Regional Development Forum for Europe (RDF-EUR)

Information and Communication Technologies for attaining Sustainable Development Goals

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National Authority for Management and Regulation in Communications (ANCOM) of Romania and
cooperation with the European Conference of Postal and Telecommunication Administrations (CEPT)

22-23 May 2023
Timisoara, Romania

Remote participation at http://itu.int/go/RDF_EUR_23
(Meeting held back-to-back with Com-ITU of CEPT – 24-26 May 2023)

Please note that submitted information will be presented during the RDF-EUR P2C Roundtables and
it will also be reflected on the pledging platform of the Partner 2 Connect Digital Coalition.

CONTRIBUTION FORM

ORGANIZATION: University of Montenegro

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TITLE: Capacity building for IPv6 transition

DESCRIPTION OF ACTION:

Introduction

Technical assistance programme for Montenegro aimed at raising awareness, providing a strategic overview and building capacity at the national level with regards to the transition from IPv4 to IPv6, is held within the framework of the ITU Regional Initiative for Europe on "Broadband Infrastructure, Broadcasting and spectrum management" aimed at facilitating high-speed connectivity with resilient and synergistic infrastructure development, deployment and sharing.

In the first phase of the technical assistance, ITU with fruitful collaboration with the Agency for Electronic Communications and Postal Services of Montenegro (EKIP) accomplished following:

- The National Workshop for Montenegro on IPv6 strategies, policies and implementation, held virtually on 20-21 April 2021;

- the "Training of experts" equipping more than 20 professionals in Montenegro on the transition from IPv4 to IPv6, held virtually from 10 to 14 May 2021;

- the elaboration of a national policy paper detailing the technical specifications for the establishment of the IPv6 laboratory for Montenegro, including cost estimations and use cases.

Having successfully accomplished phase 1, in the second phase of ITU assistance to Montenegro, an IPv6 laboratory was established in March 2023, which is an important milestone for Montenegro in its efforts to enact the transition from IPv4 to IPv6. Also, the University of Montenegro has accepted to take over the ownership of the equipment that was provided by the ITU.

Proposal

In this context, the University of Montenegro proposes the following:

1. To continue collaboration with ITU on the IPv6 migration, giving hands-on training on IPv6, as well as organising a laboratory.

Expected results:

Assistance to the countries in need in the following:

- Raising awareness of operators of public electronic and communications networks and services (ISP), local and State public institutions
- Incrised number of the experts with knowledge of IPv6
- Providing platforms for building human and institutional capacities.
- Facilitating and fostering co-operation, exchange of information, ideas, case studies, lessons learned and best practices, among the regulatory bodies and other stakeholders at national and regional level.

COUNTRIES in FOCUS: Montenegro

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

☒ 2023

☒ 2024

☒ 2025

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

☒ EUR1: Digital infrastructure development

☐ EUR2: Digital transformation for resilience

☐ EUR3: Digital inclusion and skills development

☐ EUR4: Trust and confidence in the use of telecommunications/ICTs

☐ EUR5: Digital innovation ecosystems

Please find more information on the ITU Regional Initiatives 2023-2025, as defined by WTDC-22, [here](#).

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

RELATED WSIS ACTION LINE: [Tick the relevant boxes or delete the irrelevant items]

☒ C1: The role of governments and all stakeholders in the promotion of ICTs for development

☒ C2: Information and communication infrastructure

☐ C3: Access to information and knowledge

☒ C4: Capacity building

☐ C5: Building confidence and security in the use of ICTs

☐ C6: Enabling environment

☐ C7: ICT applications

☐ C8: Cultural diversity and identity, linguistic diversity and local content

☐ C9: Media

☐ C10: Ethical dimensions the Information Society

☒ C11: International and regional cooperation

RELATED SDG: [Tick the relevant boxes or delete the irrelevant items]

☐ SDG 1: No Poverty

☐ SDG 2: Zero Hunger

☐ SDG 3: Good Health and Well- being

☐ SDG 4: Quality Education

☐ SDG 5: Gender Equality

☐ SDG 10: Reduced Inequalities

☐ SDG 11: Sustainable Cities and Communities

☐ SDG 12: Responsible Consumption and Production

☐ SDG 6: Clean Water and Sanitation

☐ SDG 7: Affordable and Clean Energy

☐ SDG 8: Decent Work and Economic Growth

☒ SDG 9: Industry, Innovation and Infrastructure

☐ SDG 13: Climate Action

☐ SDG 14: Life Below Water

☐ SDG 15: Life on Land

☐ SDG 16: Peace, Justice and Strong Institutions

☐ SDG 17: Partnerships for the SDGs