ITU Regional Development Forum for Europe (RDF-EUR)

Information and Communication Technologies for attaining Sustainable Development Goals

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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: State Authority for Geospatial Information (ASIG)

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TITLE: National Spatial Data Infrastructure for the development of Communications Sector in Albania.

State Authority for Geospatial Information (ASIG) is a central public institution under the Prime Minister Office, established by the implementation of the law 72/2012 "For the organization and operation of the national infrastructure of geospatial information   in the Republic of Albania". In accordance with the INSPIRE Directive 2007/2/EC of the European Union, it has the responsibility of developing the National Infrastructure of Geospatial Information (National Spatial Data Infrastructure/NSDI) in the Republic of Albania. Since its establishment in 2014, ASIG has successfully conducted these several activities:

- National Geoportal, where approximately 270 Geospatial datasets of geoinformation are published and cover the entire territory of Albania. These datasets include orthophotos, administrative boundaries, cadastral parcels, base map imagery, land use, addressees, etc.

- Building and maintenance of the Albanian national geodetic network.

- Collaboration with the main governmental stakeholders regarding collection, processing, and updating geospatial information that will be used as INPUT for NSDI.

- Production of topographic base map sc.1:2000 with the scope to support sustainable Land Development.

- Responsible authority for the establishment of the Remote Sensing monitoring center, which will process, analyze and disseminate thematic Data (source from sensors like Satellite, UAV, and Mobile mapping) to Government Agencies.

Furthermore, based on Law no. 120/2016 "On the development of high-speed electronic communications networks and the provision of the right of way" which is aligned with EU Broadband Cost Reduction Directive, ASIG is defined as single point of information for existing physical infrastructures.

Taking into consideration that Geoinformation is a horizontal sector and contributes to every aspect of governance, it exists the opportunity to create a more effective synergy and cooperation with the Communication Sector in Albania. With these clear objective, ASIG needs support in further developing the Geoinformation Infrastructure in Albania with the scope to create multi sectorial partnerships between and within different ecosystems.

The following activities are identified by ASIG as very related to direct support the development of Broadband ATLAS system and digital telecommunication infrastructure in Albania:

- Assessment of NSDI technical development in Albania

- Improve fundamental National authoritative Geospatial datasets (i.e: Communication infrastructure, Buildings, and Settlements, Physical Infrastructure, Transport Networks, Orthoimagery, Digital elevation model, etc.)

- Development of National Geoportal, with the scope to improve data exchange between Geoportal and other Governmental Platforms (ie ATLAS Broadband IT system)

- Raising human capacities in the Geoinformation Sector in Albania

Within this framework, ASIG is open to collaborate with ITU and other relevant stake-holders in Albania, and in the Europe region to successfully reach its aforementioned activities based on best practices. In doing so, ASIG is open to share its experience in the region on its work while also benefiting from ITU's technical expertise.

COUNTRIES in FOCUS: [Name countries to be impacted by this action]

Albania

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

X Digital applications

X 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 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 10: Reduced Inequalities

☐ SDG 10: Reduced Inequalities☒ SDG 11: Sustainable Cities and Communities

☐ SDG 12: Responsible Consumption and Production

☐ 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