

## ITU Regional Development Forum for Europe (RDF-EUR)

### *Information and Communication Technologies for attaining Sustainable Development Goals*

organized by the International Telecommunication Union at the kind invitation of the  
Ministry of Industry and Trade of Czech Republic



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### **EUROPE REGIONAL INITIATIVES APPROVED BY WTDC-17**

#### **EUR1: Broadband infrastructure, broadcasting and spectrum management**

**Objective:** To facilitate high-speed connectivity with resilient and synergistic infrastructure development, deployment and sharing, whilst ensuring a trusted and quality user experience.

**Expected results:** Assistance to the countries in need in the following:

- 1) Development of plans (national and regional) and feasibility studies for deployment of ubiquitous resilient high-speed connectivity, including 5G/IMT2020 and digital broadcasting deployment, with all relevant components including legislation, standards, organizational set-up, capacity building and cooperation mechanisms, as needed
- 2) Sharing of guidelines on collaborative regulation between the telecommunication sector and other synergistic sectors such as energy, railway and transportation
- 3) Assessment of dynamics, challenges and opportunities in respect of the roll-out of diverse broadband technologies across Europe in the context of the creation of ubiquitous resilient high-speed broadband infrastructure
- 4) Sharing of best practices and case studies in cable TV, digital broadcasting, 5G experience, early use cases and trends in next-generation access network roll-out
- 5) Mapping of the ubiquitous infrastructure and services, fostering harmonization of approaches across the region and taking into account infrastructure-sharing approaches applied by countries
- 6) Establishment of quality-of-service systems and consumer-protection frameworks
- 7) Development of plans for ICT for sustainable energy covering different types of ICT applications and innovations.

#### **EUR2: A citizen-centric approach to building services for national administrations**

**Objective:** To facilitate the development of transformative and paperless citizen-centric services that could be accessible and available to all members of society.

**Expected results:** Assistance to the countries in the following:



- 1) Creation of an experience and knowledge exchange platform between countries
- 2) Development of technical and service infrastructure (data centres, networks, secure gateways, authentication, interoperability, standards and metadata) as well as capacity building within the national administrations and institutions
- 3) Fostering the development and increase of types of online transactional services, including applications for administration-to-administration (A2A) and administration-to-customer (A2C) services
- 4) Building the capacities necessary for accelerating the process of national and regional digitization
- 5) Raising public trust through security enhancements in e-government services, digitization processes and awareness-raising campaigns, including promotion of such application-based solutions for e-government by national administrations and other institutions
- 6) Identification of key horizontal factors for successful implementation of e-government services and digitization, such as secure and accessible digital identification, tools for data analysis, integrating workflow solutions, approach to re-use of data, and fostering their development.

### EUR3: Accessibility, affordability and skills development for all to ensure digital inclusion and sustainable development

**Objective:** To bridge the digital divide and equip all groups of society, including persons with disabilities and specific needs, to take advantage of ICT, by enabling capacity building in digital skills.

**Expected results:** Assistance to the countries in need in the following:

- 1) Strengthening and support regional cooperation and engagement of all relevant stakeholders, in line with the European Accessibility Act, in the development and implementation of ICT accessibility policies and solutions in the European region
- 2) Raising awareness and promoting relevant guidelines on public policies, including exchanging knowledge and sharing good practices on ICT accessibility products and services for persons with disabilities and specific needs, through meetings and workshops, including a regional conference which could be called “Accessible Europe - Information and communication for all”
- 3) Developing regional and in-country capacity through relevant web accessibility training to ensure that government websites and related services are available and accessible to all citizens, including persons with disabilities and specific needs
- 4) Developing regional and in-country capacity to promote and deliver to relevant stakeholders training courses in ICT accessibility, including training on public procurement, as a tool to improve inclusion of persons with disabilities and specific needs in education, employment, and economic and social life
- 5) Encouraging regional cooperation between research centres and academia in speech technologies, in order to improve these technologies to overcome disabilities
- 6) Raising awareness about accessibility possibilities of TV and video programming on digital platforms, and implementing appropriate solutions
- 7) Encouraging the implementation and related measurement of progress in regional and national ICT activities and projects aiming to eliminate disparities in the use of and access to ICTs for websites of public institutions and government education programmes, services and information
- 8) Encouraging the implementation of digital content in education
- 9) Developing regional and in-country capacity building on coding and computer programming tools that will be available to all, including persons with disabilities and specific needs



- 10) Promoting digital literacy, digital skills and e-education, and implementing accessible ICTs in e-education.

## EUR4: Enhancing trust and confidence in the use of information and communication technologies

**Objective:** To support the deployment of resilient infrastructure and secure services allowing all citizens, especially children, to use ICTs in their daily lives with confidence.

**Expected results:** Assistance to the countries in need in the following:

- 1) Providing regional platforms and tools for building human capacities (awareness and expert training) to enhance trust and confidence in the use of ICTs
- 2) Sharing country and regional best practices and case studies and conducting surveys on enhancing confidence and trust in the use of ICTs
- 3) Elaborating or review national cybersecurity strategies
- 4) Setting up or improving the capabilities of national computer security incident response teams (CSIRTs) and the corresponding networks to support these CSIRTs in cooperating with each other
- 5) Conducting simulation exercises such as cyberdrills at national and regional level in cooperation with international and regional organizations and assisting countries in developing tools through synergies and resource optimization.

## EUR5: ICT-centric innovation ecosystems

**Objective:** To enhance entrepreneurship and establish a sustainable culture of innovation through concrete strategic actions using ICT as an enabler, building on the existing regional initiative in Europe on entrepreneurship, innovation and youth.

**Expected results:** Assistance to the countries in need in the following:

- 1) Initiating a review of the data collected, analysing the current situation and proposing effective recommendations to use ICT as an innovation enabler
- 2) Undertaking ecosystem mapping exercises to coordinate efforts and to create new projects and activities, by facilitating cooperation between existing actors and by highlighting gaps in the ecosystem which have a high impact on stakeholders
- 3) Developing human capacity through the identification and provision of practical skills needed in order to support innovative industries
- 4) Identifying sustainable funding models to support the innovation ecosystems.
- 5) Sharing country and regional best practices and case studies on all aspects of ICT as a driver for innovation
- 6) Providing a regional platform for strengthening regional cooperation between ICT-centric innovation ecosystems, through the holding of regional innovation forums.

