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| C:\Users\ponder\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\BDT-25th_anniversary_2017-Logo_411959-3_transparent.png | **Telecommunication Development Advisory Group (TDAG)**  **22nd Meeting, Geneva, 9-12 May 2017** | C:\Users\murphy\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\PQ94T9LJ\bd_E_25Years_Horizontal-411959 (003).jpg |
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| PLENARY MEETING | | **Document TDAG17-22/43-E** |
|  | | **1 May 2017** |
|  | | **Original: English** |
| Regional Preparatory Meeting for WTDC 17 for Europe (RPM-EUR) | | |
| Outcomes of RPM-EUR | | |
|  | | |
| **Summary:**  This document includes all agreed outcomes from RPM-AMS that took place in Vilnius, Lithuania, from 27 to 28 April 2017, as reflected in the Chairman’s report (Document [RPM-EUR17/38](https://www.itu.int/md/D14-RPMEUR-C-0038/)), namely:  - Draft new Regional Initiatives  **Action required:**  TDAG is invited to note this document.  **References:**  [RPM-EUR17/38](https://www.itu.int/md/D14-RPMEUR-C-0038/) | | |

**ADD** RPM-EUR/43/1

EUROPE REGIONAL INITIATIVES

# EUR1: Ubiquitous resilient high speed broadband infrastructure and services

**Objective:** The main objective of this Regional Initiative is to facilitate of deployment of high speed connectivity with resilient and synergistic infrastructure sharing whilst ensuring a trusted and quality user experience. Due to differences in European countries, there is a need for a regional initiative, through which administrations in need may be assisted in: embracing ultra-high speed broadband connectivity, 5G/IMT2020 roll-out, deploying digital radio broadcasting systems and managing the spectrum, to ensure accelerated sustainable development in middle and long term.

**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 speech connectivity, 5G/IMT2020 and digital radio deployment with all relevant components including legislations, standards, organizational set up, capacity building and cooperation mechanisms, as needed.

2) Sharing of guidelines on collaborative regulation between telecommunication sector and other synergistic sector such as energy (mechanisms for collaboration, regulatory incentives, financing, security and reliability, etc.), railway, transportation.

3) Assessment of dynamics, challenges and opportunities of roll outs of diverse broadband technologies across Europe – including mobile (4G, LTE, 5G/IMT2020), fixed (xDSL, G.Fast, fiber, etc.), cable TV, digital radio, power – in context of creation of ubiquitous resilient high speed broadband infrastructure.

4) Sharing of best practices and case studies in Cable TV, digital radio, 5G experience, early use cases and trends and NGA (Next Generation Access) network roll-outs.

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 the quality of services systems and consumer protection frameworks. Development of plans for ICT for sustainable energy covering different types of ICT applications and innovations such as demand side management, electric cars, energy storage, etc. and how these applications relate to energy sector objectives improving energy efficiency, access, sustainability, affordability, climate change, etc.

# EUR-2: Accessibility and affordability of ICT products and services for all, and persons with disabilities in particular, to ensure digital inclusion and sustainable social and economic development

**Objective:** The initiative in this area will facilitate the development of citizen-centric services. These ought to be accessible and available to all members of the society. The aim is to transform and replace the traditional, paper-based administrative issues and cultural property, into the digital world, allowing citizens and other institutions to handle their administrative necessities and responsibilities.

**Expected results**

Assistance to the countries in the following:

1) Creation of experience and knowledge exchange platform between countries.

2) The development of technical and service infrastructure (data centers, networks, secure gateways, authentication, interoperability, standards and meta-data) 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 A2A and A2C services (related to i.e. daily administrative processes, registering vehicles, application for documents, certificates or social benefits, registering businesses or submitting taxes).

4) Digitization of national cultural property, multimedia presentation and providing digital, reliable access to digitised material.

5) Raising public trust through security enhancements in e-Gov services, digitization processes and awareness raising campaigns including promotion of such application based solutions for e-Government by national administrations and other institutions. Identification of key horizontal factors for successful implementation of e-Gov 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.

# EUR-3: Accessibility, affordability and skills development for all to ensure digital inclusion and sustainable social and economic development

**Objective:** To bridge the digital divide and equip ALL groups of the society to take advantage of ICT, by ensuring connectivity, enabling capacity building on digital skills and making ICTs accessible to all, including persons with disabilities.

**Expected results**

Assistance to the countries in need in the following:

1) Strengthen and support regional cooperation and engagement of all relevant stakeholders in line with European Accessibility Act, development, and implementation of ICT accessibility policies and solutions in the Europe region.

2) Raise awareness and promote relevant guidelines on public policies, including exchanging knowledge and sharing good practices on ICT accessibility products and services for PwD, through regional and sub-regional meetings and workshops, including an annual regional conference which could be called “Accessible Europe – Information and Communication for ALL”.

3) Develop regional and in-country capacity though relevant web accessibility training to ensure that government websites/ and related services are available and accessible to All citizens, including the PwD.

4) Develop regional and in-country capacity to promote and deliver to all stakeholders that are involved, training courses in ICT Accessibility including the training on public procurement as a tool to improve inclusion of PwD in education, employment, economic and social life.

5) Encourage regional cooperation between research centers and academia in speech technologies (TTS, Text-Speech, for everyone who can listen, Automatic Speech Recognition (ASR), Speech-Text for everyone who can read). Improving these technologies can help to overcome disabilities.

6) Raise awareness about accessibility possibilities of TV and video programming in digital platforms and implement available solutions.

7) Encourage implementation and related measurement progress of regional/national ICT activities and projects aiming to eliminate disparities in the use and access to ICTs of public institutions websites and government education programs, services and information.

8) Encourage implementation of digital content in education.

9) Develop regional and in-country capacity building on coding and computer programming tools that will be available to ALL, including persons with disabilities.

10) Promote digital literacy, digital skills and e-education, and implement accessible ICT in e-education.

# EUR-4: Enhancing trust and confidence in the use of ICTs

**Objective:** To support the deployment of resilient infrastructure and secure services where all citizens, especially children can confidently use ICTs in their daily lives.

**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 of country and regional best practices, case studies and conducting surveys on enhancing confidence and trust in the use of ICTs

3) Elaborating or reviewing National Cybersecurity Strategies

4) Setting up or enhancing National Computer Incident Response Teams

5) Conducting simulation exercises such as cyberdrills at national and regional level

6) Cooperation with international/regional organizations to assist countries and develop tools through synergies and resource optimizing.

# EUR-5: ICT-centric innovation ecosystems

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

**Expected Results**

Assistance to the countries in need in the following:

1) Country reviews to collected data, analyse the current situation, and propose effective recommendations to use ICT as an innovation enabler.

2) Undertaken ecosystem mapping exercises to coordinate efforts to create new projects and activities, both by facilitating cooperation between existing actors and by highlighting gaps in the ecosystem where stakeholders can have a high impact.

3) Develop human capacity through identification and provision of practical skills needed in order to support innovative industries.

4) Identify and strategise sustainable funding models to support the innovation ecosystems.

5) Sharing of country level and regional best practices and case studies on all aspects of ICT as a driver for innovation.

6) Provide a regional platform (virtual and physical) for strengthening of regional cooperation between ICT-centric innovation ecosystems, while holding annual Regional Innovation Forums.