EUROPE REGION

46 Countries

51% of the world population is online
Measuring the Information Society Report #ITUdata

80% of the population in Europe online by the end of 2018
Measuring the Information Society Report #ITUdata
Regional Initiatives for Europe

- Broadband infrastructure, broadcasting and spectrum management
- A citizen-centric approach to building services for national administrations
- Accessibility, affordability and skills development for all to ensure digital inclusion and sustainable development
- Enhancing trust and confidence in the use of information and communication technologies
- ICT-centric innovation ecosystems
Implementation Framework

World Telecommunication Development Conference (WTDC-17)
Buenos Aires, Argentina, 9-20 October 2017

EUROPE

Implementation Period
2018 - 2021

REGIONAL INITIATIVES
Implementing Buenos Aires Action Plan

EUROPE
Building Blocks & Impact of Initiatives

Regional Initiatives for Europe

Building R. Capacities
(Benchmarks/Studies/Roadmaps)

Building R. Community
(Platforms/Workshops/Conferences/Expert Groups)

Building Human Capacities
(Trainings/ITU Academy/Centres of Excellence)

Fostering Regional Coordination and Cross-R. Coop.
(Know-how exchange with other R.)

Addressing N./R. Needs
(Assistance/Transfer of Knowledge/Twinnings)

Programmes

Study Groups

Projects

ITU Academy

Membership

Regional & Sub Reg.

UN SDGs and WSIS

Implementation Period
2018-2021

EUROPE
Implementing Regional Initiatives

- Regular Actions
- Projects
- Ad-hoc Assistance
- Building Human Capacity

EUROPE
Priorities 2018-2021

- ICT Infrastructure
- Digitization e-Services
- Digital Inclusion
- Cybersecurity
- Innovation

#ICT4SDG
Sustainable Development Goals

World Summit on the Information Society
Turning targets into action
To facilitate high-speed connectivity with resilient and synergistic infrastructure development, deployment and sharing, whilst ensuring a trusted and quality user experience.
A series of seminars and workshops built the capacity of more than 1,100 stakeholders in the field of spectrum management and transition to digital broadcasting. This includes the following meetings:

- Workshop on **The Future of Cable TV**, Geneva, Switzerland (25-26 January 2018)
- Regional Seminar for Europe and CIS on **Digital Future Powered by 4G/5G**, Kiev, Ukraine (14-16 May 2018)
- Regional Workshop for Europe and CIS on “**Broadband Development based on 4G and 5G Technologies**”, Almaty, Republic of Kazakhstan (17-18 September 2018)
- Baltic Sea Region 5G Ecosystem Forum “**5G Technology**”, Riga, Latvia (27-28 September 2018)
- Regional Regulatory Forum for Europe on “**Evolving Regulatory Frameworks for Digital Future**”, Budva, Montenegro (1-2 October 2018)
- Forum on “**Towards 5G Enabled Gigabit Society**”, Athens, Greece (11-12 October 2018)
- 3rd Annual CIS and CEE Spectrum Management Conference and ITU Workshop “**How to achieve interference free communication at the current technological stage**”, Minsk, Belarus (08/04/2019 - 11/04/2019)
The following publications were made available in 2018:
- The Future of Cable TV in Europe
- ICT for Sustainable Energy
- Workshop reports

The Europe region part of the ITU Broadband Map was updated by reflecting the networks of several European operators.

A twinning programme between Hungary and Albania led to an exchange of best practices in the field of spectrum management, in addition to development of the new spectrum strategy and policy in Albania.

The above mentioned activities have been supplemented by a series of trainings delivered by the Europe region network of ITU centres of excellence that built capacity of more than 600 participants in field of broadband, Internet governance, cybersecurity and next generation networks.
DIGITIZATION and e-SERVICES

To facilitate the development of transformative and paperless citizen-centric services that are accessible and available to all members of society.
The following series of events provided unique platforms for more than 600 stakeholders to exchange best practices, build capacities and partner in the field of the adoption of broadband:

- ITU Workshop on "Multimedia applications and the future of digital society", Ljubljana, Slovenia (9 July 2018)
- ITU Regional Workshop for Europe and CIS «Complex Aspects of eHealth Development», Odessa, Ukraine (17-19 October 2018)
- ITU Workshop on Enhancing Human Life Using e-Services, Geneva, Switzerland (25 March 2019)
- ITU Workshop for Europe and CIS on Using ICT for Saving Lives, Odessa, Ukraine (24-26 April 2019)
- ITU-WHO Project on establishment of European mHealth Hub sponsored by European Commission
DIGITAL INCLUSION

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.
A self-paced online course on “ICT Accessibility: The Key to Inclusive Communication” has been developed and made available to all stakeholders. Thanks to this course, more than 200 stakeholders have built their capacity in fields of ICT accessibility policy, web accessibility and procurement.

A platform for countries in the Europe region involved in ICT accessibility has been established in partnership with the European Commission, and, as a result, the first ever ITU-EC Forum for Europe “Accessible Europe: ICT for ALL” was held in Vienna, Austria (12-14 December 2018), attracting more than 150 stakeholders and resulting in the report identifying the challenges at the European level and possible way forwards.

The regional competition on Innovative Digital Solutions for Accessible Europe was held, attracting more than 50 stakeholders who submitted their achievements in the field of ICT accessibility. The collected information constitutes the basis for a new repository of digital solutions enhancing accessibility.
In addition the following events were held:

- ITU forum was held on ICT Accessibility a Requisite Towards an Inclusive Digital Society, Vienna, Austria (23 February 2018), which attracted more than 100 stakeholders.
- ITU contributed to the agenda of m-Enabling Summit for Europe, drawing attention of more than 100 stakeholders and engaging many of them in work with ITU.
- ITU Forum on Innovative Digital Solutions for Accessible Europe (Forum at the Zero Project Conference), Vienna, Austria (21/02/2019)
- ITU Workshop on Enhancing Human Life Using e-Services, Geneva, Switzerland (25 March 2019)

The following **papers** were developed

- Standards in the Procurement of Accessible ICT Products and Services
- Artificial Intelligence and ICT Accessibility
- Project proposal on web accessibility of public sector websites.
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.
In addition the following events were held:

- ITU and European Commission Girls in ICT Day celebration, Sofia, Bulgaria (28/04/2018)
- ITU and Com-ITU of CEPT Celebration of the Girls in ICT Day, Bucharest, Romania (08/05/2018)
- Celebrations of Girls in ICT Day was facilitated and coordinated across the region. Stakeholders from more than 30 European countries reported on their celebrations. In total, over 40,000 girls and young women joined for around 2,000 activities in Europe.
- Digital Youth Forum, Warsaw, Poland (17/05/2018)
- ITU-Com-ITU-CEPT Celebration of the Girls in ICT Day 2019, Rome, Italy (07/05/2019)
- Digital Youth Forum, Warsaw, Poland (23/05/2018)
- Concept note of the project on Digital Skills Development in Mediterranean Region was developed and is under coordination with partners
Fostering Digital Skills for Digital Future

ICT Development Index (IDI) Youth Unemployment Rate (2017)

- Youth unemployment (%)
  - 27,4%
  - 12,84%
  - 54,9%
  - 12,6%
  - 22,4%
  - 28,78%
  - 34,4%
  - 39,76%
  - 27,28%

- Youth worldwide unemployed
  - 66 millions

- Jobs with advanced digital skills
  - 10 millions

- 60% of CIO concerned by technology shortage

source: ITU; Harvey Nash CIO survey 2015
Fostering Digital Skills for Digital Future
To support the deployment of resilient infrastructure and secure services allowing all citizens, especially children, to use information and communication technologies (ICTs) in their daily lives with confidence.
A number of countries were supported in the process of strengthening of their cybersecurity capabilities:

- **Cyprus**: Implementation of project on establishment of the national CSIRT, officially opened in Nicosia, Cyprus, on 25 June 2018.
- **Bosnia and Herzegovina**: Cybersecurity readiness assessment was prepared.
- **Albania**: Cybersecurity readiness assessment was prepared.
- **Georgia**: National child online safety assessment was prepared.
- **Poland**: ITU expert contributed to the national process of review of the national cybersecurity strategy based on the ITU National Cybersecurity Strategy Guide.
- In 2019: Malta, San Marino, Albania, Bosnia and Herzegovina, WB
A series of seminars and workshops built the human capacity of more than 1,250 stakeholders in field of cybersecurity. This includes the following:

- Regional Workshop for Europe and CIS on Cybersecurity and Child Online Protection, Odessa, Ukraine (4-6 April 2018).
- Forum on "Keeping Children and Young People Safe Online", Warsaw, Poland (18-19 September 2018).
A series of seminars and workshops built the human capacity of more than 1250 stakeholders in field of cybersecurity. This includes the following:

- **ITU Cyber Drill - ALERT (Applied Learning for Emergency Response Teams) for Europe Region, Cyprus (26-30 November 2018).**
- **Second Western European Cybersecurity Public-Private Dialogue Platform, Porrentruy, Switzerland (29-30 November 2018).**
- **Safer Internent Day 2019, Tirana, Albania (5-6 February 2019)**
- **Vienna Cyber Security Week 2019, Vienna, Austria (11-15 March 2019)**

The above-mentioned activities have been supplemented by a series of trainings delivered by the Europe region network of ITU centres of excellence that built capacity of more than 600 participants in the field of broadband, Internet governance, cybersecurity and next generation networks.
To enhance entrepreneurship and establish a sustainable culture of innovation through concrete strategic actions using information and communication technology (ICT) as an enabler, building on the existing regional initiative in Europe on entrepreneurship, innovation and youth.
The following publications were made available in 2018:

- Digital Innovation Profile for Republic of Serbia
- Digital innovation Profile for Bosnia and Herzegovina
- Digital innovation Profile for Montenegro
- Digital innovation Profile for Norway

Assistance in building an ICT-centric innovation ecosystem was provided to Montenegro, which included the organization of two national workshops (September and December 2018), engaging relevant stakeholders, processing a series of more than 120 interviews, building a Digital Innovation Profile, including a series of recommendations and projects.
A number of seminars and workshops built the human capacity of more than 1,000 stakeholders in field of ICT-centric innovation ecosystems and bridging digital innovation divide. This includes the following:

- ITU Forum on Innovative Digital Solutions for Accessible Europe (Forum at the Zero Project Conference), Vienna, Austria (21 February 2019).
- Innovation Track at the WSIS Forum 2019, Geneva, Switzerland (08 April 2019).
- Ongoing work with countries: Georgia, Greece, Hungary, Montenegro, Poland.
Examples of Projects under Development

Building Digital Skills for Digital Economy in the Mediterranean Region (1.2 Mio. USD)
- Union Mediterranean, European Commission, ILO, UNIDO, Development Agencies, Others

Building Cybersecurity Capacities (500K USD)
- Development Agencies, European Union, Administrations, Others

Making Web Accessibility Reality (250K USD)
- Development Agencies, European Disability Forum, Administrations, Others

Investment Opportunities Map (100K USD)
- UKE, European Commission, Administrations, Development Banks

Innovative Digital Solutions for Accessible Europe (100K USD)
- Mobile Operators, EC, EDF, G3ICT, Others

Fostering ICT-Centric Innovation Ecosystems (300K USD)
- Development Agencies, Administrations, Others
ITU Centres of Excellence

Training Opportunities 2018

Offered by the ITU Centres of Excellence for Europe

#ICT4SDG

SUSTAINABLE DEVELOPMENT GOALS

EUROPE
EUROPE

ITU Europe and UN System

REGIONAL FORUM
ON SUSTAINABLE DEVELOPMENT FOR THE UNECE REGION
GENEVA | 1-2 March 2018

REGIONAL FORUM
ON SUSTAINABLE DEVELOPMENT FOR THE UNECE REGION
GENEVA | 21-22 March 2019

#ICT4SDG

SUSTAINABLE DEVELOPMENT GOALS

FOCUS EVENT
Technology, Digitalization, Artificial Intelligence – Curse or Blessing for Sustainable Development?
22 MARCH 2019, 10:00-11:25
Plenary Room, International Conference Centre Geneva (CICG)

Round tables on SDG 4 (Quality Education)
- Learning without Limits: Lifelong Learning and Inclusive Education
- The Power of Knowledge for Change: Education and Learning as Drivers of Sustainable Development

Round tables on SDG 8 (Decent Work and Economic Growth)
- The Growth We Want: Solutions for Sustained, Inclusive and Sustainable Economic Growth
- The Future of Work: Productive Employment and Decent Work for All

Round tables on SDG 10 (Reduced Inequalities)
- Bridging the Gap: Achieving Greater Income and Economic Equality
- Towards a World of Equal Opportunity: Tackling inequality caused by exclusion and discrimination

Round tables on SDG 13 (Climate Action)
- Acting for Climate: Stepping Up Climate Change Policies, Action and Awareness in the Region
- Coping with Climate Change: Strengthening Resilience and Adaptation

Round tables on SDG 16 (Peace, Justice and Strong Institutions)
- Strengthening Institutions for Change: Fostering Effective and Inclusive Governance for Sustainable Development
- Empowering People to Protect the Planet: The Environmental Dimension of SDG 16
Thank You!!!

EURregion@itu.int
ITU Contribution to WSIS and SDG

ICTs as a key enabler

ICTs improve access to basic services like education and healthcare, create jobs, and empower communities

WSIS Action Lines as foundation for contribution to achievement of Sustainable Development Goals

ICTs improve access to basic services like education and healthcare, create jobs, and empower communities