International Girls in ICT Day

What is Girls in ICT Day?

Since 2011, over 9,000 events in 166 countries, empowering more than 300,000 girls and young women globally.

When: 4th Thursday of April every year

Why: "To create a global environment that encourages girls and young women to consider studies and careers in the ICT sector"

"My experience was a great one. I truly did enjoy what I did today. I learnt how to build an app and I definitely want to pursue this as a job in the future."
Renisha Samuel,Diego Martin North Secondary School - NIHERST, Trinidad and Tobago

Girls in ICT Day 2017: Tanzania

Universal Communication Service Access Funds (UCSAF) and She Codes for Change

- ❑ 3-day regional trainings throughout Tanzania on mobile app development and pitching
- ❑ Group works to develop apps to address real issues affecting Tanzania
- ❑ National training for the winners
- ❑ National winners represented their peers at the ITU Girls in ICT Day Conference in Ethiopia

428 girls and 32 teachers trained on mobile app development since 2016

Girls in ICT Day 2017:   Egypt

DATA Nagaa Khamis and Institute of Information Technology "ITI"

❑ 3-month training for girls to develop desktop and web applications
❑ At the end of the training the girls created Desktop and Web Applications for solving some real-world problems
❑ Launch of the applications and graduation ceremony

Girls in ICT Day 2017: Thailand

Ministry of Digital Economy and Society and ITU

Supported by Cisco, Microsoft and FAO

❑ Three 3-day trainings on smart farming
❑ Skills included:
  ❑ Drone technology in relation to agricultural development,
  ❑ Smart Farm tourism,
  ❑ Mobile phones for farm applications
  ❑ QR codes
  ❑ Natural Resources Management

Phetchaburi College of Agriculture and Technology

**Over 200 girls and young women trained in ICT for Smart Farming**

Digital Skills for Decent Jobs for Youth Campaign

71 million youth unemployed but tens of millions of jobs are available for people with…

ADVANCED DIGITAL SKILLS

BASIC DIGITAL SKILLS

DIGITAL ENTREPRENEURSHIP SKILLS

SOFT SKILLS

The skills mismatch

Most young people don't posess the skills needed
to work in the digital economy
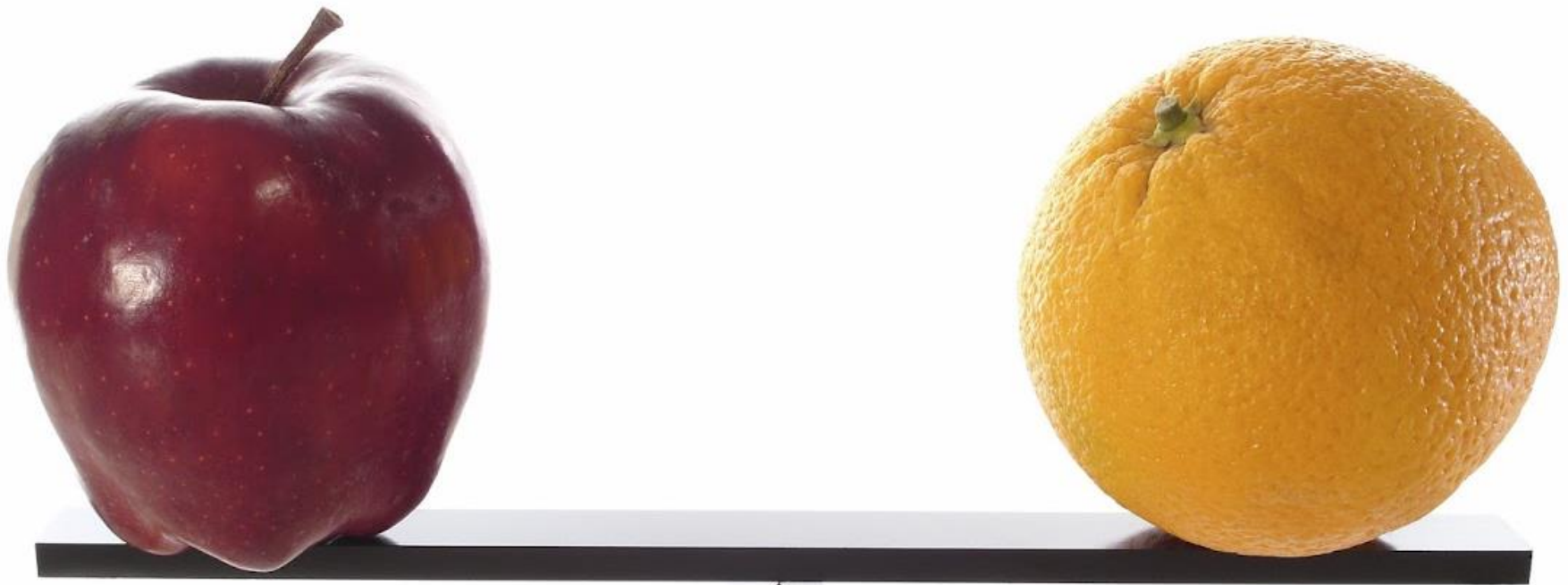
Demand

Supply

How to address the Digital Skills Mismatch?
An integrated approach …

Skills Development

Creation of jobs for youth

Enabling environment for entrepreneurs

Demand

Supply

How to address the Digital Skills Mismatch?
Concrete steps…At school

School Curricula

Introducing coding & computational thinking

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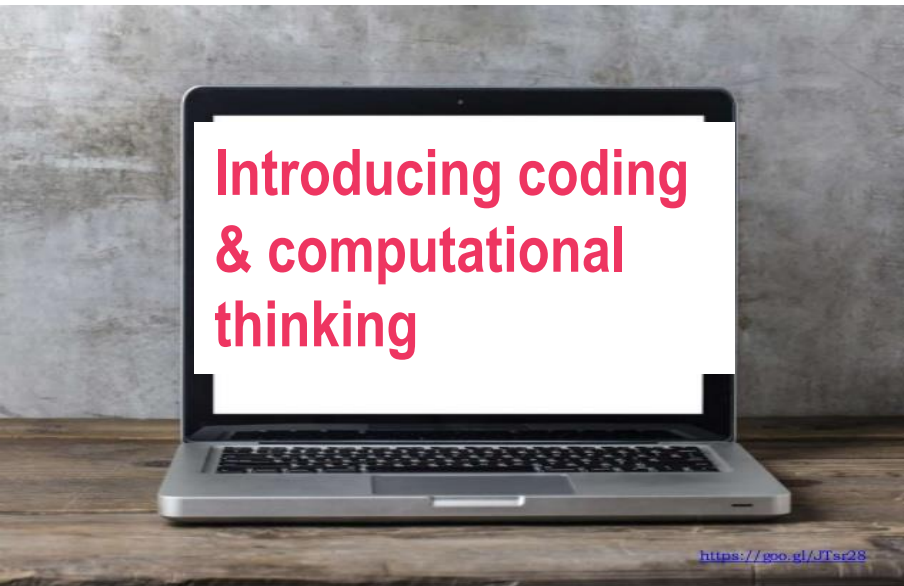
Teacher Training

How to address the Digital Skills Mismatch?
Concrete steps…outside formal education

Coding bootcamps

3- to 6-month intensive and **demand-driven** digital skills training – often working with employers to secure job placement

Other non-formal providers

1 to 3 years and wider range of skills including computer graphics, networking and system administration, software and mobile app development

Investing in digital skills for young people pays off!

Benefits for young people

➢ Behaviours and attitudes

➢ Employment and earnings

➢ Business performance

➢ Engagement in society

➢ Individual resilience

Benefits for society

➢ Active business environment

➢ Boost the digital economy

➢ Peace and resilience

Objectives

PROVIDE **Digital skills training for 5 million young people** to equip them with job-ready, transferable **digital skills**

CREATE **New job opportunities** to integrate more youth in the labour market and help digital economies flourish

PROMOTE **Enabling environments** for youth to seize employment and **entrepreneurship** opportunities

Digital Skills Toolkit

To support countries in developing national digital skills strategies

DIGITAL SKILLS
Toolkit
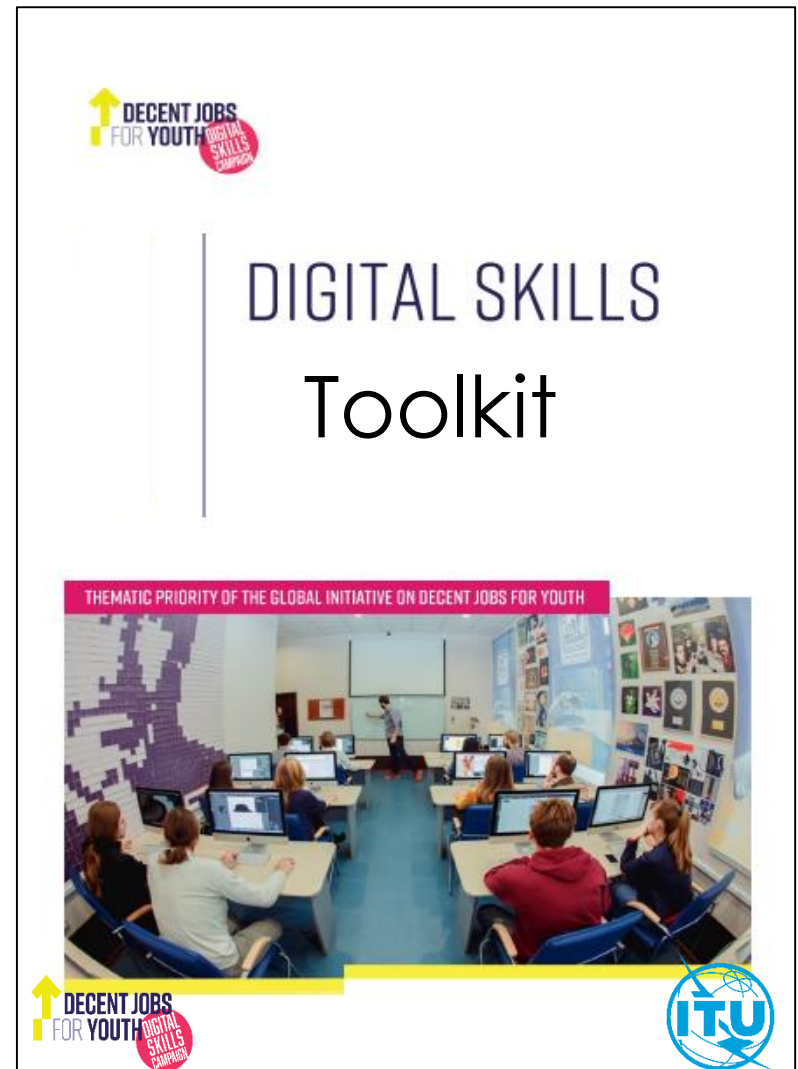
BDT OVERAL L KEY ACTIVITIES AND RESOURCES TO PROMOTE ICT ACCESSIBILITY FOR PWD

➢ **Provide specialized knowledge and advice** in ICT accessibility to ITU Members to facilitate implementation of ICT accessibility in their countries (*e.g. through development of national political buy-in, development of policies and strategies, delivery of trainings)*

➢ **Organize meetings / raise awareness /** of the need to promote ICT accessibility to governments, regulators, industry, private sector, NGOs, etc. during regional and global meetings (*e.g. Accessible Americas, EU, Africa Regional Meetings–WSIS Forums, etc.*)

➢ **Develop key resources for ITU Members and share good practices** to facilitate their understanding of the ICT accessibility topics through:
  - ✓ Reports
  - ✓ Guidelines and best practices available in BDT Digital Inclusion Newslog
  - ✓ Training courses on ICT accessibility *(procurement, web accessibility)*

➢ **Provide support and advise ITU Members in their work within ITU-D Study Group on Question 7/1**

➢ **Participate in the work of the UN** on accessibility issues
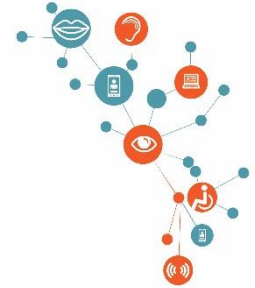
KEY RESOURCES - MATERIALS AND GUIDELINES

http://www.itu.int/en/ITU-D/Digital-Inclusion/Persons-with-Disabilities/resources

- ➢ Provides guidelines and regulatory frameworks on ICT accessibility for PwD
- ➢ Tools for countries to develop their own policies and regulations
- ➢ Freely available online in: Arabic, Chinese, Spanish, French, English, Russian
- ➢ Available also in accessible e-Book / PDF version
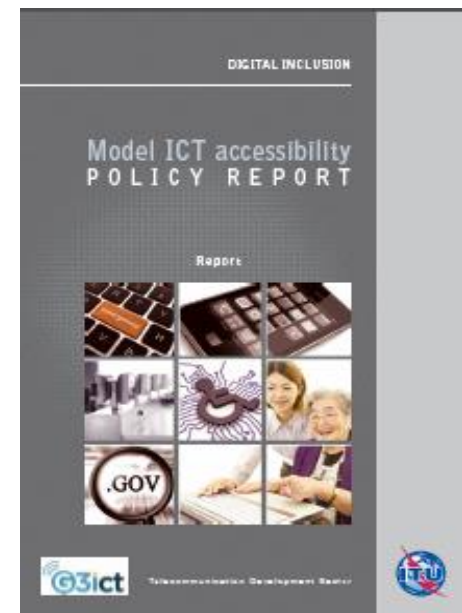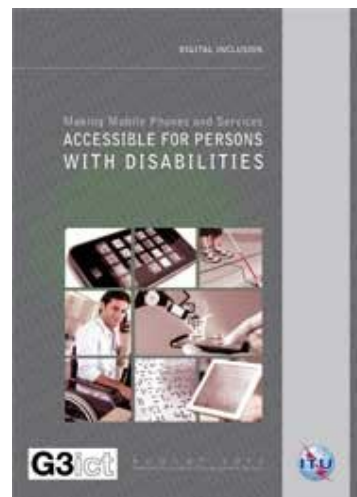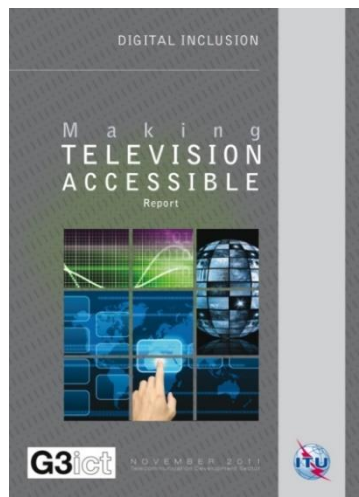
KEY ACTIVITIES TO PROMOTE ICT ACCESSIBILITY FOR PWD

➢ **Assist ITU Members in designing policies and implementing strategies to promote and implement services and solutions that provide access to telecommunications / ICT for PwD / share good practices at global level**

➢ **ITU-D Study Groups Question 7/1 *"Access to Telecommunications / ICT services for persons with disabilities and other persons with specific needs"* (New period 2018-2021)**

KEY RESOURCES – CAPACITY BUIDING IN ICT ACCESSIBILITY

➢ **Strengthen capacity of ITU Members on ICT accessibility (provision of training, share best practices, etc.) through:**

✓ **Training courses on ICT Accessibility (all topics)**
   In person within ITU-D Study Group Question 7/1 (*Access to telecommunication/ICT Services by PwD and with specific needs*) 2014-2017

✓ **Training courses on Public Procurement of accessible ICTs**
   On-line through ITU Academy 2015, 2016

✓ **new in 2018! 3 self-paced training courses on**
   ❑ **Introduction to accessible ICTs**
   ❑ **ICT accessibility policy, regulation and standards**
   ❑ **Introduction to public procurement of accessible ICT**

✓ **new in 2018! Tutorial videos on web accessibility**
   ❑ **Accessible Digital Content and Remediation**
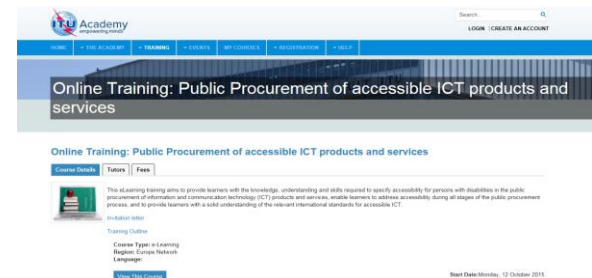
KEY RESOURCES
National Program on Web Accessibility "Web for @ll"

This Program is designed to:

➢ **Raise awareness among the Government** and stakeholders involved in ICT accessibility that by providing accessible content and websites, PwD will be able to access information, study, work, socialize and enhance their full economic and social development.

➢ **Develop national capacities (train the trainers) based on international standards in web accessibility in:**

  ✓ Development of accessible digital content (Word, PDF, PPT, Excel) and remediation
  ✓ Design and develop accessible websites

  so that countries can replicate these capacities and ensure that the public (and private) information and services is available to all citizens including PwD.

➢ **Incentivize governments (decision makers) in the creation of a national digital ICT accessibility ecosystem that contributes to digital and social inclusion of PwD in their respective countries (*proposal of a self-sustainable model of digital inclusion of PwD*).**

KEY RESOURCES
Self-sustaining model of education for PWD in the use of ICT

✓ A transparent self-sustainable national model
✓ Ensures dissemination of skills at national level with related certification in: accessible digital content and in the design and development of accessible websites
✓ The funds generated by the national certification will be shared between: the national training provider and a national fund created to educate and train PwD in the use of ICT to be able to navigate the Internet and benefit from information, products and services like other citizens.
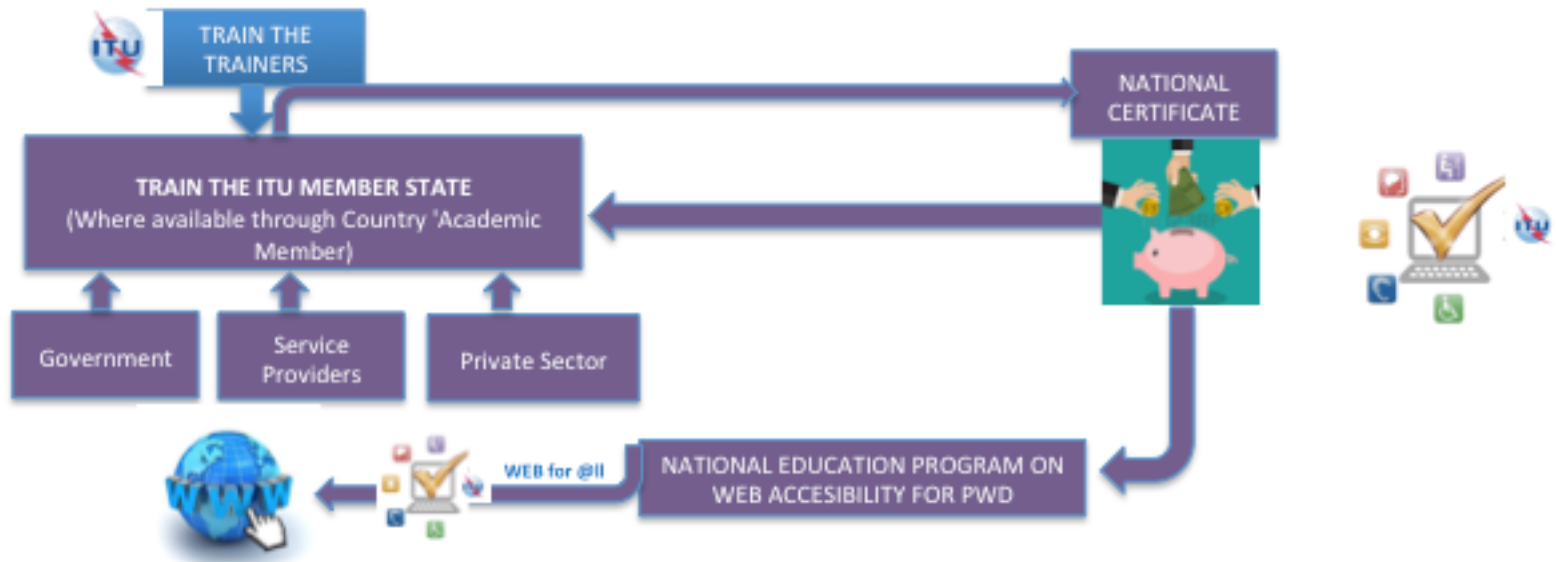
Digital Inclusion Week

ICT Accessibility Week was organized in the Arab Region from 24-28 September 2017 in collaboration with UNESCO and several other partners. The objective of the week was to raise awareness and promote activities pertaining to ICT Accessibility in the Arab region. During the week, there were around nine partners who organized separate activities in 7 countries.

As a result of its success, all stakeholders decided to organize a Digital Inclusion Week in 2018!

#ICTAccessibilityWeek
24-28 September 2017

ICT Accessibility Policy Formulation

ITU is assisting countries in the Arab Region to formulate their ICT Accessibility Policies.

The Assistance is based on the framework proposed in the Model ICT Accessibility Policy Report which tackles the following areas:

1. Legal, policy and regulatory framework
2. Public access policy
3. Mobile communications accessibility policy
4. Television/video programming accessibility
5. Web accessibility policy
6. Accessible ICT public procurement policy

Assistance was provided to Egypt and is currently being provided to Sudan