

# International Girls in ICT Day



## International **Girls in ICT Day**

*Expand horizons,  
change attitudes*

#GirlsinICT

[itu.int/Girlsinict](http://itu.int/Girlsinict)

# 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:** 4<sup>th</sup> 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**





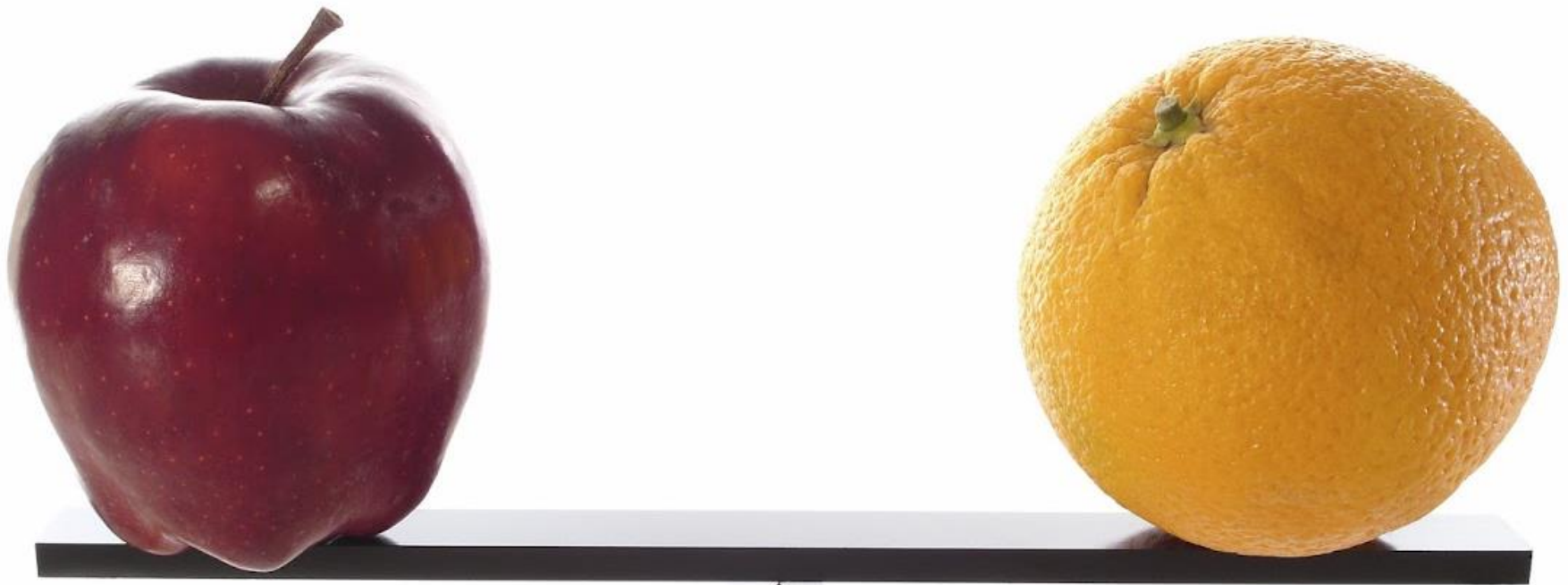
# Digital Skills for Decent Jobs for Youth Campaign

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



# The skills mismatch

Most young people don't possess 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**

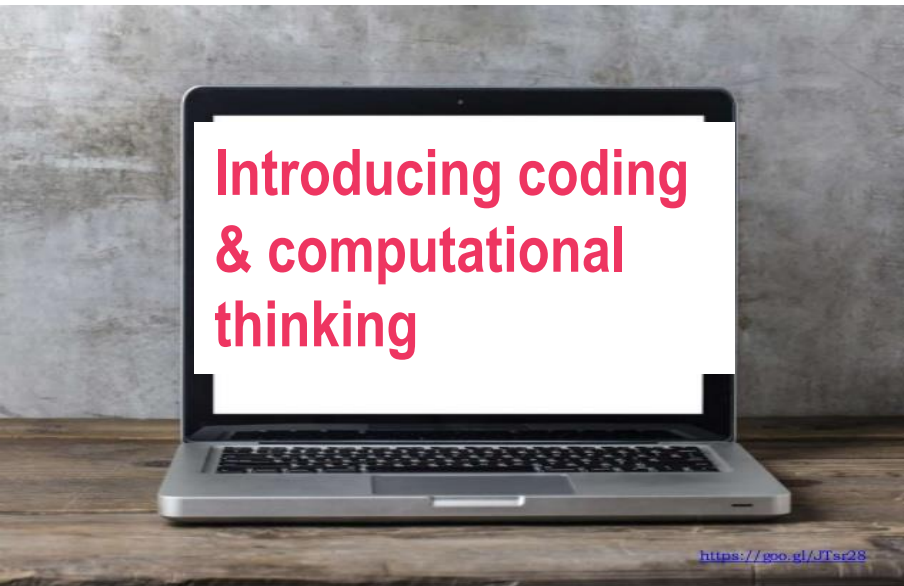


**Demand**

**Supply**

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

## School Curricula



## 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

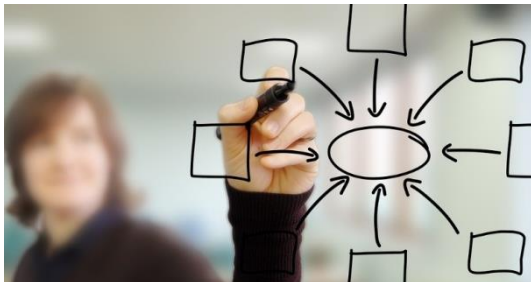
**PROVIDE**

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



**PROMOTE**

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



**CREATE**

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

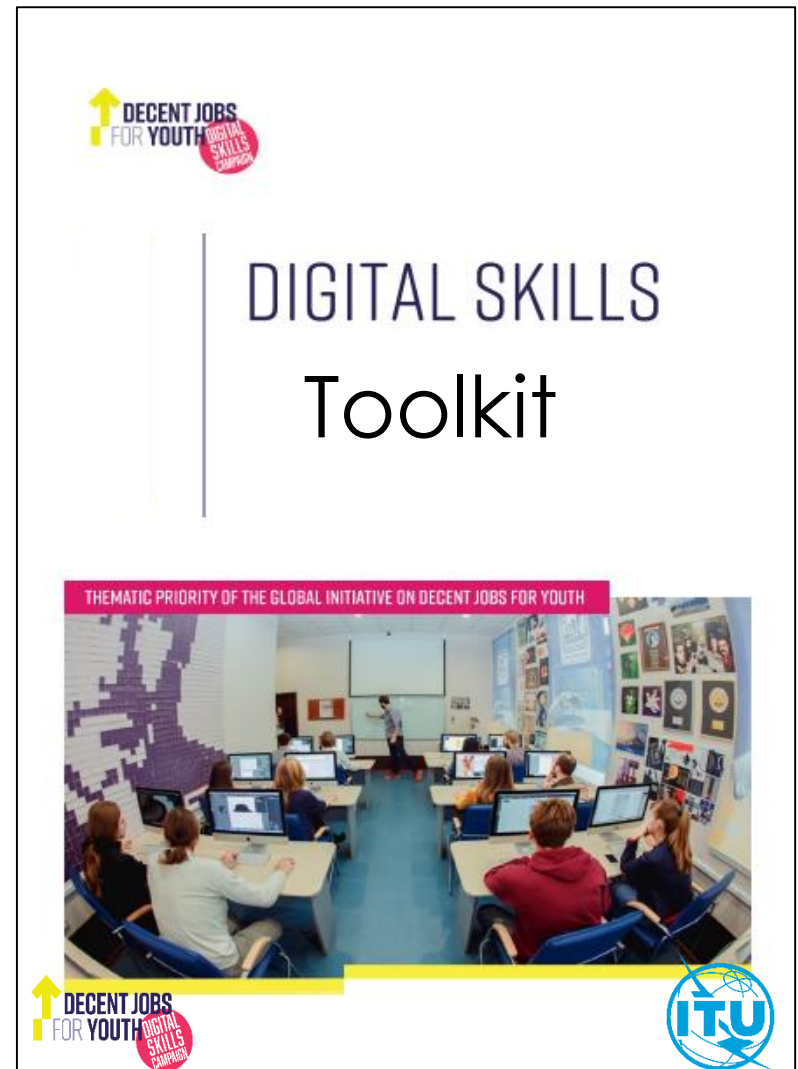




# Digital Skills Toolkit



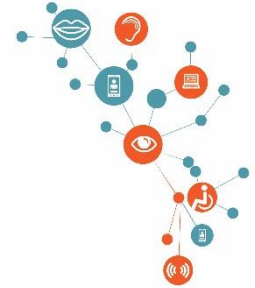
To support countries  
in developing  
national digital skills  
strategies





## BDT OVERALL KEY ACTIVITIES AND RESOURCES TO PROMOTE ICT ACCESSIBILITY FOR PWD

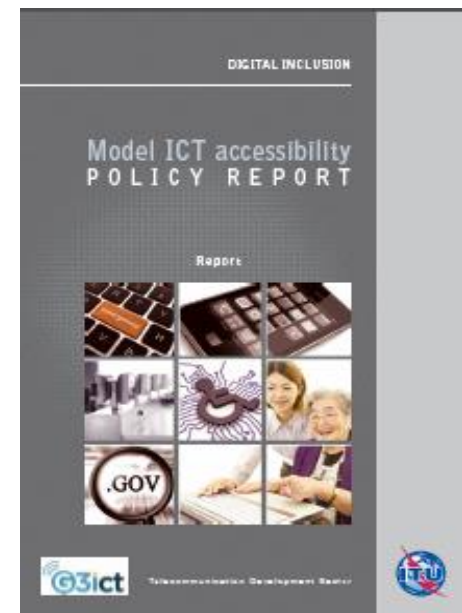
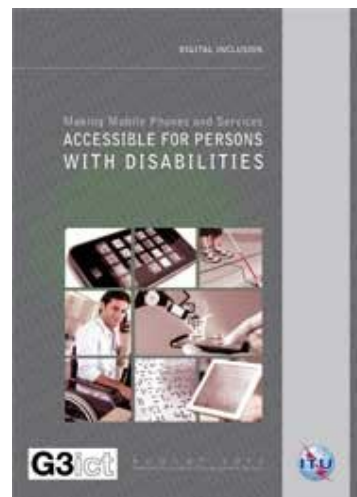
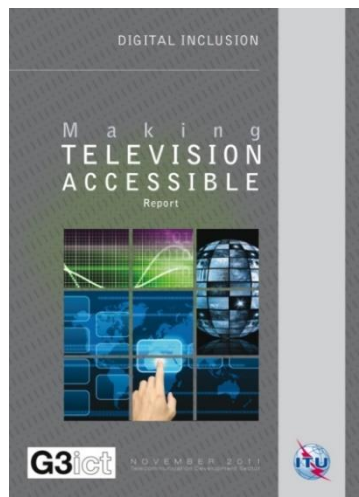
- **Provide specialized knowledge and advice** in ICT accessibility to ITU Members to facilitate implementation of ICT accessibility in their countries (*e.g. through development of national political buy-in, development of policies and strategies, delivery of trainings*)
- **Organize meetings / raise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

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What would you like to search for?

Home ITU General Secretariat Radiocommunication Standardization Development ITU Telecom Members

About Accessibility Join ITU-D Partners Projects Publications Regional Presence TDAG WTDG Study Groups

## ITU-D Study Groups

YOU ARE HERE: HOME > ITU-D > STUDY GROUPS > 2018-2021

**ABOUT ITU-D STUDY GROUPS**

Home ITU-D Study Groups provide an opportunity for all Member States and Sector Members (including Associates and Academia) to share experiences, present ideas, exchange views, and achieve consensus on appropriate strategies to address ICT priorities. ITU-D Study Groups are responsible for developing Reports, Guidelines, and Recommendations based on input received from the membership. Information is gathered through surveys, contributions and case studies and is made available for easy access by the membership using content management and web publication tools. The Study Groups examine specific task-oriented telecommunication/ICT questions of priority to developing countries, to support them in achieving their development goals.

Meetings: Outputs agreed on in the ITU-D Study Groups, and related reference material, are used as input for the implementation of policies, strategies, projects and special initiatives in Member States. These activities also serve to strengthen the shared knowledge base of the membership. Sharing of topics of common interest is carried out through face-to-face meetings, online e-Forum and remote participation in an atmosphere that encourages open debate and exchange of information and for receiving input from experts on the topics under study.

Meetings: 30 April - 4 May 2018, Switzerland [Geneva] First meeting of ITU-D Study Group 1 (2018-2021 study period) 7 - 11 May 2018, Switzerland [Geneva] ITU-D Study Group 1 Rapporteur Group meetings 17 - 20 September 2018, Switzerland [Geneva] ITU-D Study Group 2 Rapporteur Group meetings 1 - 12 October 2018, Switzerland [Geneva]

More meetings...

**SOCIAL MEDIA**

Tweets by @ITU\_DTDirector

Stahma Sanoa Retweeted

Recommendations: The mandate of STUDY GROUP 1 on "Enabling environment for the development of

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## ITU-D Study Groups

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Home ITU-D STUDY GROUPS 1 AND 2

Scope Management

**QUESTIONS UNDER STUDY**

Question 1/1 Strategies and policies for the deployment of broadband in developing countries

Study Group 1 Question 2/1 Strategies, policies, regulations and methods of migration and adaptation of digital broadcasting and implementation of new services

Study Group 2 Question 3/1 Emerging technologies, including cloud computing, m-services, and OTTs: Challenges and opportunities, economic and policy impact for developing countries

Meetings Question 4/1 Economic policies and methods of determining the costs of services related to national telecommunication/ICT networks

Circulars Question 5/1 Telecommunication/ICTs for rural and remote areas

Documents Question 6/1 Cross-sector telemedicine: protection and rights: Laws, regulation, economic impact, consumer networks

Registration **Question 7/1 Access to telecommunication/ICT services by persons with disabilities and other persons with specific needs**

Fellowships Question 1/2 Creating the smart cities and society: Employing ICTs for sustainable social and economic development

Delegate resources Question 2/2 Securing information and communication networks: Best practices for developing a culture of cybersecurity

Recommendations Question 4/2 Assistance in developing countries for implementing confidence and interoperability (CI&I) programmes and combating counterfeit ICT equipment and theft of mobile devices

Publications Question 5/2 Utilizing telecommunication/ICTs for disaster risk reduction and management

Previous study groups Question 6/2 ICTs and the environment

Innovation in study groups Question 7/2 Strategies and policies concerning human exposure to electromagnetic fields

Case study library

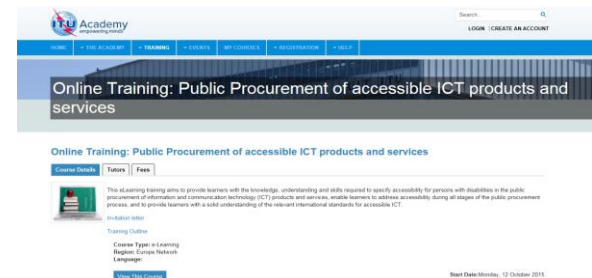
Collaborative tools

Contact us



## KEY RESOURCES – CAPACITY BUILDING 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:

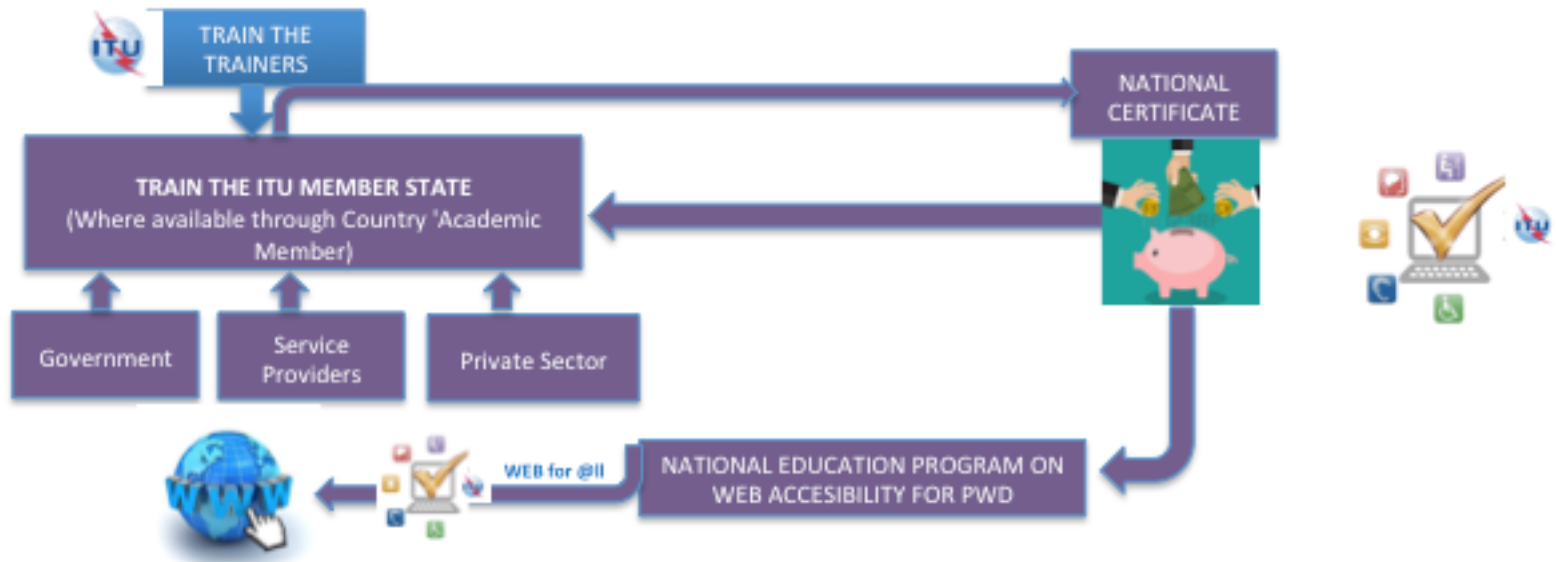
- **Raise awareness among the Government** and stakeholders involved in ICT accessibility that by providing accessible content and websites, PwD will be able to access information, study, work, socialize and enhance their full economic and social development.
- **Develop national capacities (train the trainers) based on international standards in web accessibility in:**
  - ✓ Development of accessible digital content (Word, PDF, PPT, Excel) and remediation
  - ✓ Design and develop accessible websitesso 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

