



**2016- 2017**

# Activities of the Arab Regional Office 2016 – 2017

- Regional Initiatives:
  - RI1: Development of Broadband Access and adoption of broadband
  - RI2: Building Confidence and Security in the use of telecommunications / ICTs
  - RI3: Use of telecommunications / ICTs for Smart And Sustainable Development and Protection of the Environment
  - RI4: Smart Learning
  - RI5: Ensuring Access to telecommunication / ICTs , in particular for persons With Disabilities
- Assistance to LDCs
- Regional Cooperation and Coordination events
- Center of Excellence Activities
- Other Activities





## Regional Initiative 1: Development of Broadband Access and adoption of broadband

# RI1: Development of Broadband Access and Adoption of Broadband 2016

No	Activities	Expected results
1	Arab Regional Forum on Future Networks	Capacity of ARB countries to migrate from existing networks to NGN improved
2	Develop model interconnection agreements between IXPs as a basis for formulating a Regional IXP Network	Interconnection of Internet networks developed.
3	Assist selected countries to establish national IXP.	New IXPs implemented.
4	Develop Cooperation to establish MRAs on C&I (Assessment in one Sub-Region + Support to Maghreb Countries)	Assessment study circulated and cooperation on establishing MRAs initiated.
5	Assist Countries to align regulatory frameworks with the aim of promoting Cloud platforms interconnection	Capacity of concerned institutions to adopt and use the Cloud Computing technology improved.
6	Assistance to Build National Backbone Broadband Networks including web based interactive map improvement	Broadband Plans developed and implemented.
7	Training on C&I for Arab Region on selected areas	Experts from ARB Countries trained.
8	Regional Economic and Financial Forum for Arab States	Capacity and skills in ARB countries on business models, Costs/Tariffs improved.

# RI1: Development of Broadband Access and Adoption of Broadband 2017

No	Activities	Expected results
1	Status of the development of Broadband networks and services in the Region	Report and Recommendations on trends and enabling environment measures circulated.
2	Arab Regional Forum on Future Networks	Enhanced skills of relevant human resources in the area of Technical, Regulatory and Policy Aspects
3	Assist countries to implement and interconnect IXPs	Improved broadband network infrastructure, including the deployment of IXPs and interconnection of Networks
4	Assistance on the development of building C&I Labs and establishment of MRAs in the Arab region	New MRAs established and new Test Labs implemented.
5	Regional Economic and Financial Forum for Arab States	Enhancement of knowledge and skills on business models, Costs/Tariffs, Regulatory and Policy Aspects
6	Assist countries on development of cloud computing services and Data centers taking into consideration regulatory frameworks	Awareness raised on technology at several levels: Governments and its institutions, business and economic bodies, universities, media organizations and others.



## Regional Initiative 2: Building Confidence and Security in the use of telecommunications / ICTs

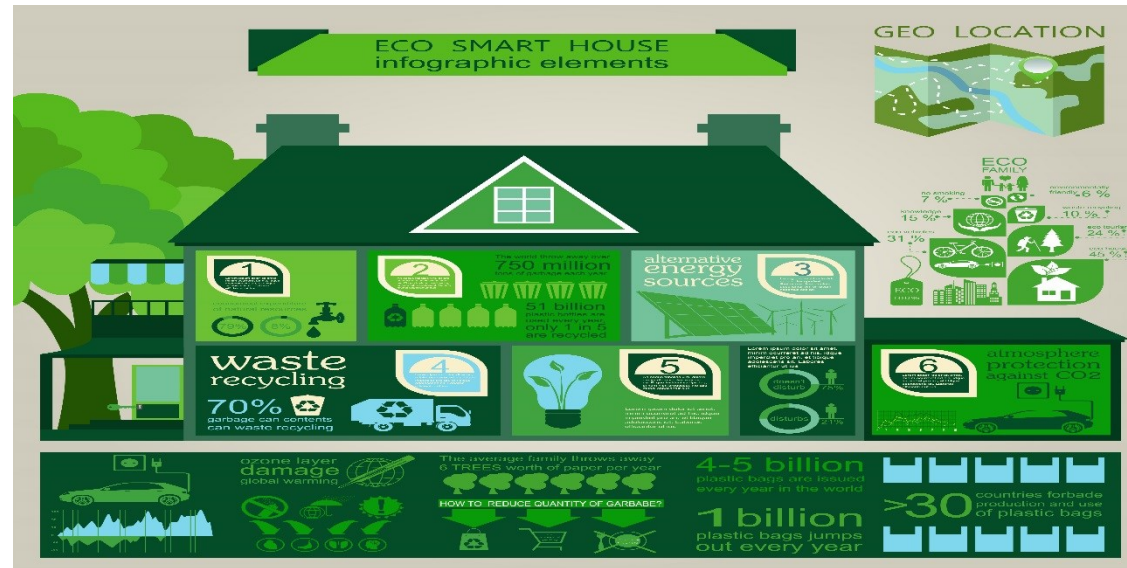
## RI2: Building Confidence and Security in the use of telecommunications / ICTs 2016

No	Activities	Expected results
1	Assistance to selected Arab countries on building national cybersecurity strategy	Capacity building programme provided to Arab LDCs on developing national cybersecurity strategy
2	Training and capacity building programme on formulating model policies on data privacy	Human capacity built in building confidence and security in the use of ICTs by ensuring data privacy. Parameters and recommendations of the policy on data privacy agreed
3	Workshop for Arab CIRTs to strengthen and develop the mutual cooperation	Cooperative environment strengthened between the different CIRTs entities in the Arab region.
4	Assistance to selected countries in the development of their respective national COP strategy	Capacity building provided on developing national COP strategy
5	Child Online Protection Challenge	Awareness raised among the children of different aspects of cybersecurity

## RI2: Building Confidence and Security in the use of telecommunications / ICTs 2017

No	Activities	Expected results
1	Establish regional online portal on cybersecurity capacity building	A website for the benefit of the Arab region as an online platform to facilitate exchange experiences for the cybersecurity community established.
2	Establish and promote a regional strategy for regional cooperation among CIRTs in Arab region	Strategy and mechanisms for regional cooperation among Arab CERTs developed and coordination among them and between them and CIRTs in the other regions ensured
3	Coordination and preparation with involved stakeholders for the development of awareness materials on COP for the Arab region	Availability of all materials related to child online protection such as awareness-raising campaigns and workshops, training curricula





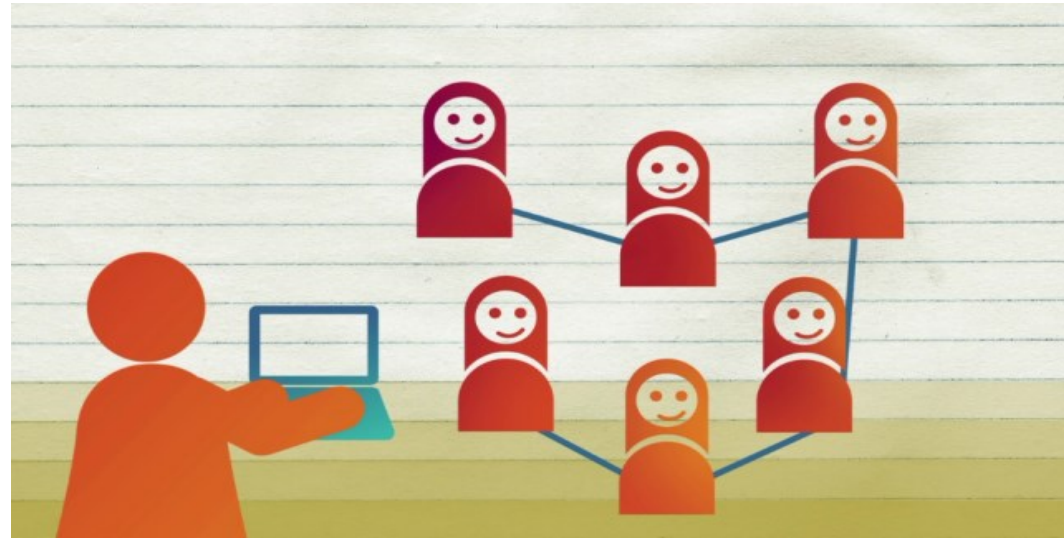
## Regional Initiative3: Use of telecommunications / ICTs for Smart And Sustainable Development and Protection of the Environment

## RI3: Use of telecommunications / ICTs for Smart And Sustainable Development and Protection of the Environment 2016

No	Activities	Expected results
1	Regional Workshop on National Strategies for Sustainable Development including Disaster Risk Reduction, Climate Change Adoption for the Arab Region	Improved skills and raised awareness on the importance of the ICTs national strategies for SSD
2	Implementation of Pilot project on Smart Water Management	Results shared and members and stakeholders are engaged
3	Formulation of Regulatory Framework For use of Telecom/ICT for the transition to smart and sustainable development in Arab Region	Regulatory Framework on use of ICT for SSD formulated
4	Development of case studies report on E-waste in Arab Region	A case studies report on E-waste delivered
5	Model National Emergency Telecommunications Plan (NETP) for use of Telecom/ICTs in Emergency and Disaster Management in Arab region	Model NETP and guidelines developed and shared with memebrs

## RI3: Use of telecommunications / ICTs for Smart And Sustainable Development and Protection of the Environment 2017

No	Activities	Expected results
1	Regional Capacity Building Workshop on implementation of the Roadmap of Smart, Sustainable and Green Cities in Arab Region	Enhanced skills, exchange of expertise in the field of policy of smart, sustainable and green cities in the Arab region
2	Regional Training Workshop on ICTs and Climate Change Adaption in Arab Region	Awareness on ICT tools for climate change adaptation raised
3	Evaluation of the Pilot Project on Smart Water Management	Show cased apps of SWM
4	Regional Training workshop on Deployment of Early Warning Systems (EWS) for Disasters Management	Improved skills and lessons learnt and good practices shared



## Regional Initiative 4: Smart Learning

# RI4: Smart Learning 2016

No	Activities	Expected results
1	Assist countries in formulating national strategies for Smart Learning	Countries in the Arab region assisted in developing their national strategy for smart learning
2	Develop guidelines on formulation of digital illiteracy eradication national plans	Guidelines developed
3	Formulate pilot project on smart learning in selected schools/countries	Project formulated and signed
4	Develop model agreement between governments and manufacturers for deploying computing devices in schools	Model agreement developed
5	Organize workshop on Open Educational Resources	Awareness raised and discussed regional opportunities relevant to the promotion of open educational resources.

# RI4: Smart Learning 2017

No	Activities	Expected results
1	Organize first high level meeting between Ministers of ICT and Education to adopt and promote regional strategy for cooperation on smart learning	regional strategy and action plan for smart learning adopted
2	Provide assistance to countries on formulating national strategies on smart learning among countries	Countries assisted to formulate their national strategies in smart learning
3	Provide assistance to countries on formulating national plans on eradicating digital illiteracy	Countries assisted to formulate their national plans to eradicate digital illiteracy
4	Organize training workshops on Smart Learning (various topics) for countries in the Arab region	Countries trained on areas of interest in smart learning



**Regional Initiative 5: Ensuring Access to telecommunication /  
ICTs , in particular for persons With Disabilities**

## RI5: Ensuring Access to telecommunication / ICTs , in particular for persons With Disabilities 2016

<b>No</b>	<b>Activities</b>	<b>Expected results</b>
1	Workshop on Developing and maintaining accessible government websites	Webmasters managing the governmental websites of some of the Arab countries trained
2	Regional workshop on ICT Accessibility for Persons with Disabilities	Awareness raised on the issue of ICT accessibility for employment.
3	Translate and promote manual on accessibility of persons with disabilities in workshops, trainings, and conferences organized by regional organizations	Manual translated into Arabic regional organizations in Egypt made aware of the manual and its content



## RI5: Ensuring Access to telecommunication / ICTs , in particular for persons With Disabilities 2016

No	Activities	Expected results
1	Assist countries to formulate national policies on ICT Accessibility	Countries assisted to formulate their national policies on ICT Accessibility
2	Promote regional center on ICT Accessibility activities	Increased the regional role of the regional center
3	Organize training workshops for ICT Accessibility for Youth employment	Trained and employed youth using ICT Accessibility skills
4	Assist regional organizations on how to organize accessible meetings, workshops, and conferences	Regional organizations made aware on necessary measures necessary to organize accessible meetings, workshops, and conferences



# Assistance to LDCs

# Assistance to LDCs 2016

No	Activities	Expected results
1	Regional Workshop on Competition in Telecommunications	Experiences, knowledge, and practices shared
2	Workshop on Mobile Money for Financial Inclusion: Policy and Regulation	Skills improved, Experiences and practices shared
3	Concentrated Assistance to Djibouti	A big event on Smart Sustainable City organized
4	Concentrated Assistance to Comoros	National Workshop and Guidelines on Telecom Infrastructure Sharing delivered

# Assistance to LDCs 2017

<b>No</b>	<b>Activities</b>	<b>Expected results</b>
1	Concentrated Assistance to Somalia	Meet specific request by beneficiary country
2	Concentrated Assistance to Sudan	Meet specific request by beneficiary country



## Regional Cooperation and Coordination events

# Regional Cooperation and Coordination events 2016

No	Activities	Expected results
1	Regional Development Forum for the Arab Region (RDF-ARB)	Membership updated on the latest activities of the regional office including the work progress on the regional initiatives.



# Arab Centers of Excellence Network Activities

# CoEs Network Activities 2016

No	Training
1	Cisco Certified Network Associate (CCNA) Preparation
2	Practices for EMC conformity and electrical safety testing (theory and practice)
3	Planning and Deployment of 3G/3G+/4G
4	Cognitive Radio Networks -CRN
5	Radio Frequency Spectrum Monitoring and Management
6	Certified IPv6 Network Engineering – Level 1 (CNE6 Level 1)
7	Business Analysis for ICT implementation
8	Broadband policy and implementation
9	Cloud Computing
10	Project Management for ICT Implementation
11	IPv6 Deployment
12	Interconnection cost models
13	Cognitive Radio Networks -CRN
14	Planning and Engineering of FTTH
15	ICT Applications & Services and their Impact on Health, Safety, Social & Environmental Elements.
16	C&I of Mobile Devices
17	IoT, M2M and other new ICT applications & services
18	TRA-Bahrain/SUDACAD/CIFODECOM workshop on Internet Governance: Technical Prospective





## Other Activities

# Other Activities 2016

No	Activities	Expected results
1	Assistance to Arab Regulators Network (AREGNET)	Provision of workshops or reports as per the requirements of the network
2	Dedicated workshop and study on Palestine Telecommunications / ICTs Market Review and Analysis	Skills improved and report delivered
3	Assistance to Arab ICT Technoparks and Incubators ARTECNET	Development of Partnership between Arab incubators and Technoparks
4	Regional Workshop on Big Data for Development	Awareness raised on the impact of big data for development
5	ITU/ITSO Arab Regional Training on VSAT and Satellite Systems: Broadband Services over Satellite	Enhanced skills and experiences shared

# Other Activities 2017

No	Activities	Expected results
1	Assistance to AREGNET	Conduct a workshop on a theme to be agreed with AREGNET
2	Assistance to Arab ICT Technoparks and Incubators ARTECNET	Establishment of new Incubators and Development of Partnership between Arab incubators and Technoparks.

# Best regards from ITU- ARO team



Contacts :

Address: Smart Village, Building  
147, 3rd floor  
Km 28 Cairo-Alexandria Desert  
Road

Tel :+202 353 71777

Fax :+202 353 71888

[itu-ro-arabstates@itu.int](mailto:itu-ro-arabstates@itu.int)

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