



WTDC 14 Regional Initiative
Development of broadband access and
adoption of broadband

ITU Arab Regional Office

Objectives and Expected Results

Objective:

To assist Arab States (particularly least developed countries) in the implementation and development of broadband infrastructure in urban and rural areas, and to develop, facilitate and spread access to broadband networks and services in the Arab States, including issues related to conformance and interoperability.

Expected results

Assistance to the countries in the following:

- Establishment of national and regional strategic plans and work programmes for the telecommunication/ICT sector to meet the needs of the Arab countries in this field
- Improving broadband network infrastructure, including the deployment and connection of optical fibre cables
- Development of human resources, through training programmes and workshops
- Implementation of national programmes on conformance and interoperability, establishing cooperation agreements with regional laboratories to assist in this regard, and setting guidelines in accordance with international best practices
- Development of guidelines and recommendations with regard to regional cloud computing taking into consideration regulatory frameworks.



PROPOSED THREE YEARS ACTION PLAN

2015 Activities

Expected Results

Activities

1) Assist Countries on establishment of national and regional strategic plans and work programmes for the telecommunication/ICT sector to meet the needs of the Arab countries in this field

- Assist Selected Countries in developing their Broadband National Plans
- Annual Regional Forum on Economic and Financial aspects of Broadband development

2) Improving broadband network infrastructure, including the deployment and connection of optical fibre cables

- Provide assistance to the Arab IXP Group
- Regional Forum on Future Networks: Technological, Regulatory and Policy Trends (Morocco, 19-20 May)
- Improvement of ITU Global Interactive Transmission Map

3) Development of human resources, through training programmes and workshops.

- Develop Guidelines on establishment of IXPs
- Capacity building in selected Broadband subareas through CoEs.

2015 Activities (Cd)

Expected Results

Activities

4) Implementation of national programmes on conformance and interoperability

- Training on Conformance and Interoperability on selected areas
- Develop Cooperation to establish Mutual Recognition Agreements (between countries and Sub regions)

5) Development of guidelines and recommendations with regard to regional cloud computing taking into consideration regulatory frameworks

- Develop guidelines on establishment of Academia Cloud Computing Platform
- Formulation of Pilot Project on Cloud Computing Platform Connectivity

2016 Activities

Expected Results

Activities

1) Assist Countries on establishment of national and regional strategic plans and work programmes for the telecommunication/ICT sector to meet the needs of the Arab countries in this field

- Assist Selected Countries in developing their Broadband National Plans
- Annual Regional Forum on Economic and Financial aspects of Broadband development

2) Improving broadband network infrastructure, including the deployment and connection of optical fibre cables

- Assist selected countries to establish national IXP.
- Develop model interconnection agreements between IXPs as a basis for formulating a Regional IXP

3) Development of human resources, through training programmes and workshops region.

- Capacity building in selected Broadband subareas through CoE

2016 Activities (Cd)

Expected Results

Activities

4) Implementation of national programmes on conformance and interoperability,

- Training on Conformance and Interoperability on selected areas
- Develop Cooperation to establish Mutual Recognition Agreements (between countries and Sub regions)

5) Development of guidelines and recommendations with regard to regional cloud computing taking into consideration regulatory frameworks

- Assist Countries to align regulatory frameworks with the aim of promoting Cloud platforms interconnection
- Implement pilot project

2017 Activities

Expected Results

Activities

1) Assist Countries on establishment of national and regional strategic plans and work programmes for the telecommunication/ICT sector to meet the needs of the Arab countries in this field

- Follow up report on the status of Broadband in the Arab region and recommendations

2) Improving broadband network infrastructure, including the deployment and connection of optical fibre cables

- Assist selected countries to establish national IXP.
- Assist countries to implement the interconnection agreement

3) Development of human resources, through training programmes and workshopsregion.

- Capacity building in selected Broadband subareas through CoE

2017 Activities (Cd)

Expected Results

Activities

4) Implementation of national programmes on conformance and interoperability,

- Training on Conformance and Interoperability on selected areas
- Follow up report on the status of C&I laboratories and Mutual Recognition Agreements between countries and Subregions

5) Development of guidelines and recommendations with regard to regional cloud computing taking into consideration regulatory frameworks

- Follow up report on the status of development and use of Cloud Computing Services in the Arab region based on the Pilot Project

Estimated Budget

Activities	Estimated Budget USD	Prospective Stakeholders
Assessment, Guidelines and Follow up Reports	150,000	AREGNET, ALECSO, UNESCO, ISESCO & ESCWA, ISOC, AFRINIC
Model Agreements Reports	40,000	AREGNET, ALECSO, ESCWA, LAS, ISOC, AFRINIC, Governments
Workshops	200,000	Governments, ALECSO, ISESCO, UNESCO, sector companies
pilot projects	200,000	AREGNET, LAS, UNESCO, ALECSO, ISESCO, ISOC, RIPE, AFRINIC, private sector companies, Governments
Total	590,000	

Expected KPIs

Expected results	Output to be Achieved by 2017	Key Performance indicators
Establishment of national and regional strategic plans and work programmes for the telecommunication/ICT sector to meet the needs of the Arab countries in this fieldon	<ul style="list-style-type: none">• National Broadband Plans developed in the Region	All Countries with National BB Plans
Improving broadband network infrastructure, including the deployment and connection of optical fibre cables	<ul style="list-style-type: none">• National IXPs established	Number of countries with National IXPs
Development of human resources, through training programmes and workshops	<ul style="list-style-type: none">• Capacity building raised	Number of people trained

Expected KPIs(Cd)

Expected results	Output to be Achieved by 2017	Key Performance indicators
<p>Implementation of national programmes on conformance and interoperability, establishing cooperation agreements with regional laboratories to assist in this regard, and setting guidelines in accordance with international best practices</p>	<ul style="list-style-type: none"> • National C&I programmes developed • Mutual cooperation established 	<ul style="list-style-type: none"> • Number of Countries adopting the C&I Regime and MRAs • Promotion of ITU Guidelines on C&I
<p>Development of guidelines and recommendations with regard to regional cloud computing taking into consideration regulatory frameworks</p>	<ul style="list-style-type: none"> • Development of Academia Cloud Computing Guidelines • Implementation of Pilot Project on Cloud Computing 	<ul style="list-style-type: none"> • Guidelines and recommendations developed • Pilot project implemented



THANK YOU

Open Discussion