



International  
Telecommunication  
Union

Arab Regulators Network of  
Telecommunications and  
Information Technologies

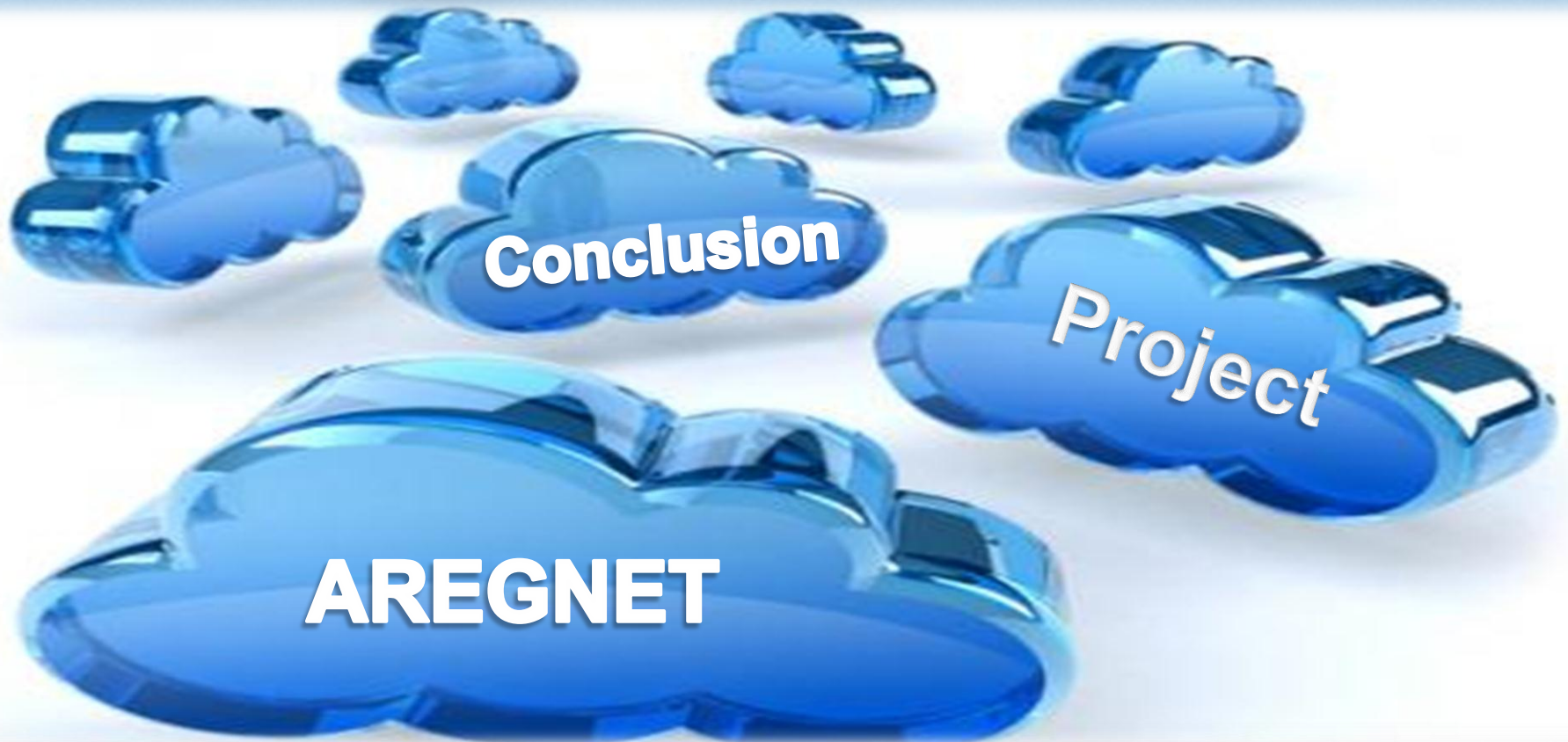


JCA-Cloud Meeting

# Arabian Cloud Computing Project

Geneva , 26 February 2013

# Summary



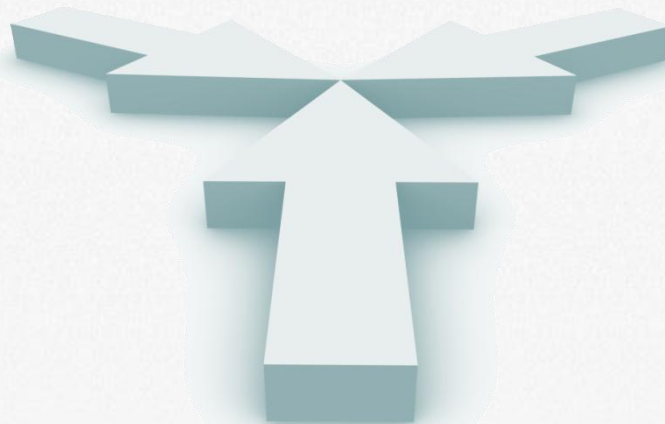


## Objectives - Missions

Arab Regulators Network of Telecommunications and Information Technologies

**COLLABORATION  
AND  
EXCHANGE EXPERIENCE**

**CREATION OF AN ATTRACTIVE  
ENVIRONMENT FOR INVESTMENTS**



**REGULATION  
(POLICIES, MODELS AND PROCEDURES)**

# AREGNET's Projects

- Methods of licensing.
- Consumer Protection in the Arab world.
- Indicators of ICT.
- Regulatory framework for Arab countries.
- Studying the effect of the adoption of cloud computing services.
- Evaluation of ICT markets in the Arab region.
- Protecting children from cyber.
- Emergency plan in the telecommunications sector.
- Green ICT.



# ITU-T work on Cloud in MENA region



ITU Workshop on "Cloud  
Computing" in Tunis,  
Tunisia, 18 June 2012



**International  
Telecommunication  
Union**



# Cloud Project



# Why this project ?



Cloud computing offers a new economic model for ICTs, it also offers IT resources (hardware and software) modularity, with availability in terms of volume and time according to the customer's requirements and its requests.

Cloud computing will create nearly 14 million new jobs globally by 2015 – including over two million in Europe, Middle East and Africa, according to an IDC report\*

Mobile data traffic in MENA region will be multiplied by 18 to arrive at 10.8 Exabyte per month in 2016\*\*.

\*March 2012 Microsoft

\*\*Cisco (VNI) Index

# Vision, Strategy and Roadmap

## Action plan

To establish CLOUD Computing platform for The Arab World

Provide The Arab world citizens with a leading Cloud Computing service example



*ROADMAP*



*STRATEGY*



*VISION*



# Action plan

- Collaborate with organizations working in the same area.
- Establish an overview of the guidelines and regulations to be issued for Cloud Computing.
- Proposal to introduce the cloud computing in the course of University in Arab countries.
- Examine the experiences existing in Arab countries on the cloud
- Propose mechanisms that designed to encourage R&D in the field of Cloud Computing.
- Determine the technical and operational specifications of the pilot.

# Pilot Project

**CRM**  
**Project management**  
**E-commerce and inventory**  
**HR and payroll**  
**Accounting, Invoice, PO and bookkeeping**  
**Reporting/KPIs**

# Next Steps

- Select 2 SMEs from each Arab country to be part of the Arab Cloud pilot project at no cost.
- Perform the needed coordination between those SMEs and the Cloud provider.
- Learning from the pilot experience to evaluate the impact of Regional Cloud compared to Local and Global Cloud.

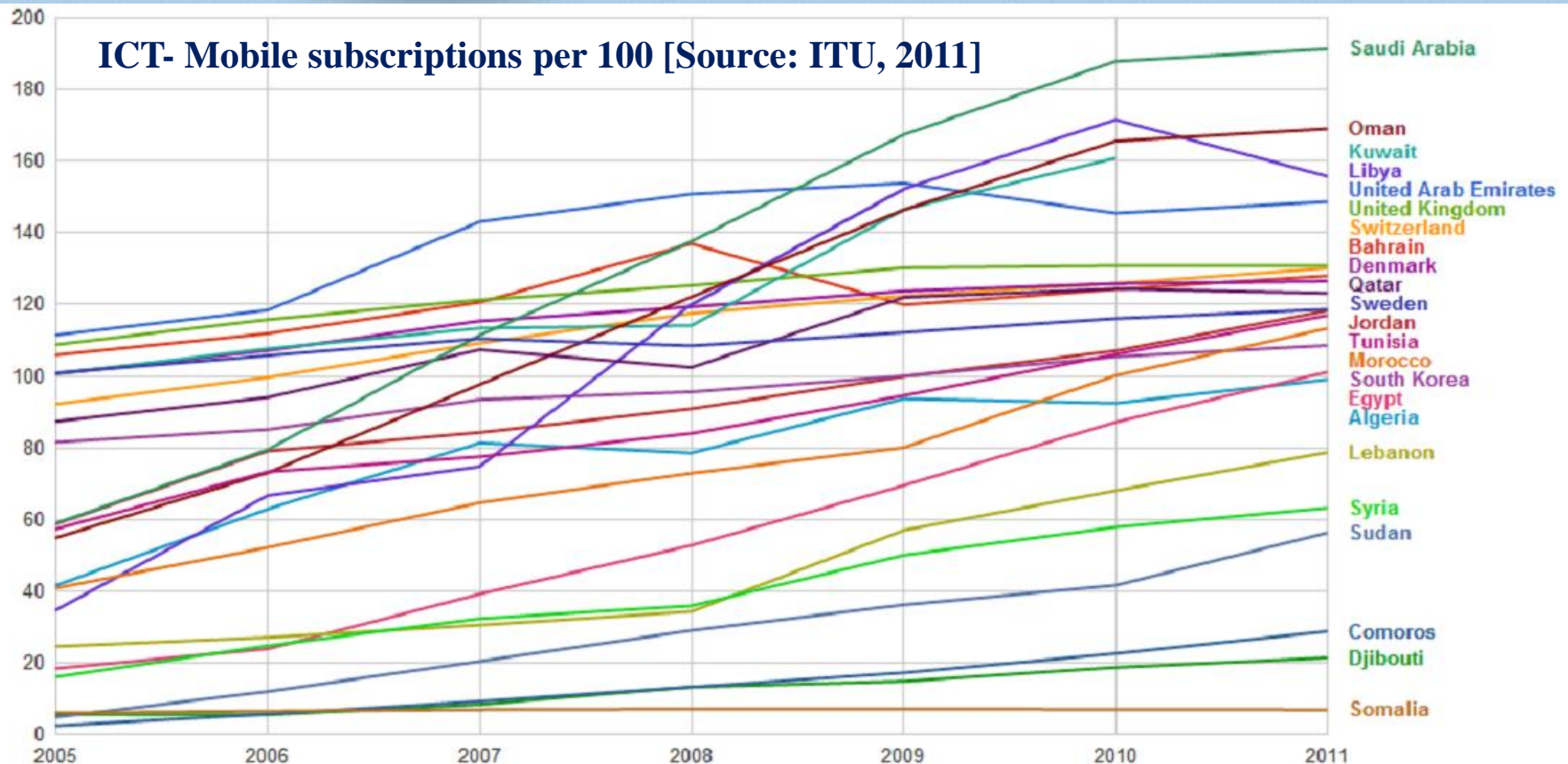


# Next Steps

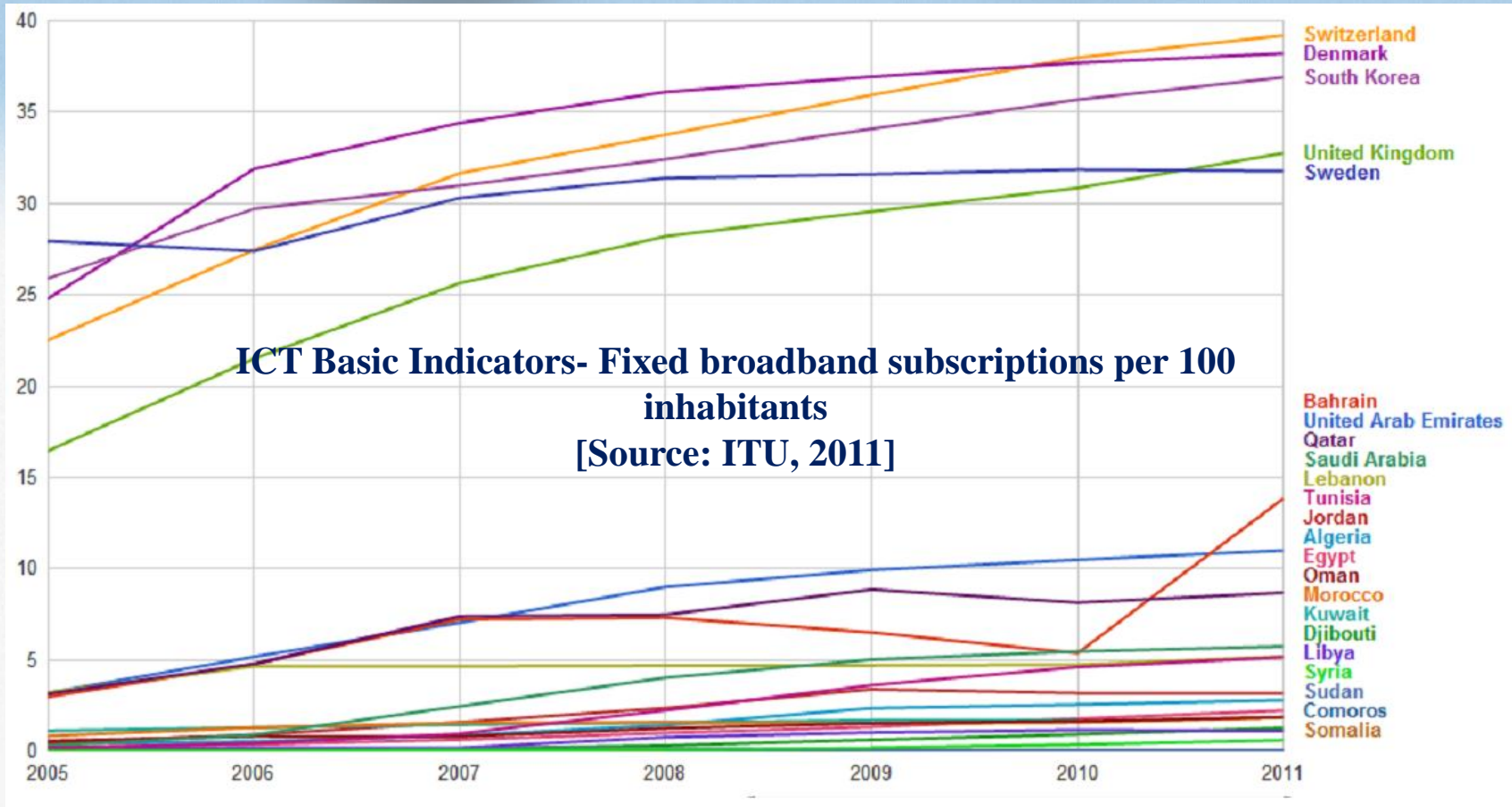
- Implement a new pilot for organization like universities, regulators, etc.
- Include the lessons learned within the ongoing work on Cloud Guidelines/Regulations.
- Keep coordinating with international organizations on regulatory topics such as security and privacy e.g. ITU and Cloud Security Alliance.

# The MENA region's telecoms industry

ICT- Mobile subscriptions per 100 [Source: ITU, 2011]



# The MENA region's telecoms industry





# Cooperation between ITU and regional development organization(AREGNET)



- Strengthen the public & private regional presence.
- Ensure regulatory harmonization between developed and developing regions/members.
- Involve the regional representative organizations in the processes of development and implementing the related resolutions or recommendations.
- Support for events and actions organized within the region by all ITU Sectors and/or the General Secretariat.



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