

ITU Workshop on “Standardization on IMT, M2M, IoT, Cloud Computing and SDN”

(Algiers, Algeria, 8 September 2013)

Arabian Cloud Computing Project

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Algiers, Algeria, 8 September 2013



Summary

- AREGNET
- Project
- Conclusion



AREGNET

Objectives - Mission



**Collaboration
and
exchange
experience**

Regulation

**Creation of
an attractive
environment
for
investments**

**Arab Regulators
Network of
Telecommunica-
tions and Information
Technologies**

AREGNET.ORG
الشبكة العربية لهيئات تنظيم الاتصالات



AREGNET's Projects

- Methods of licensing.
- Consumer Protection in the Arab world.
- Indicators of ICT.
- Regulatory framework for Arab countries.

**MISSION:
ACCOMPLISHED**

AREGNET's Projects

- 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.



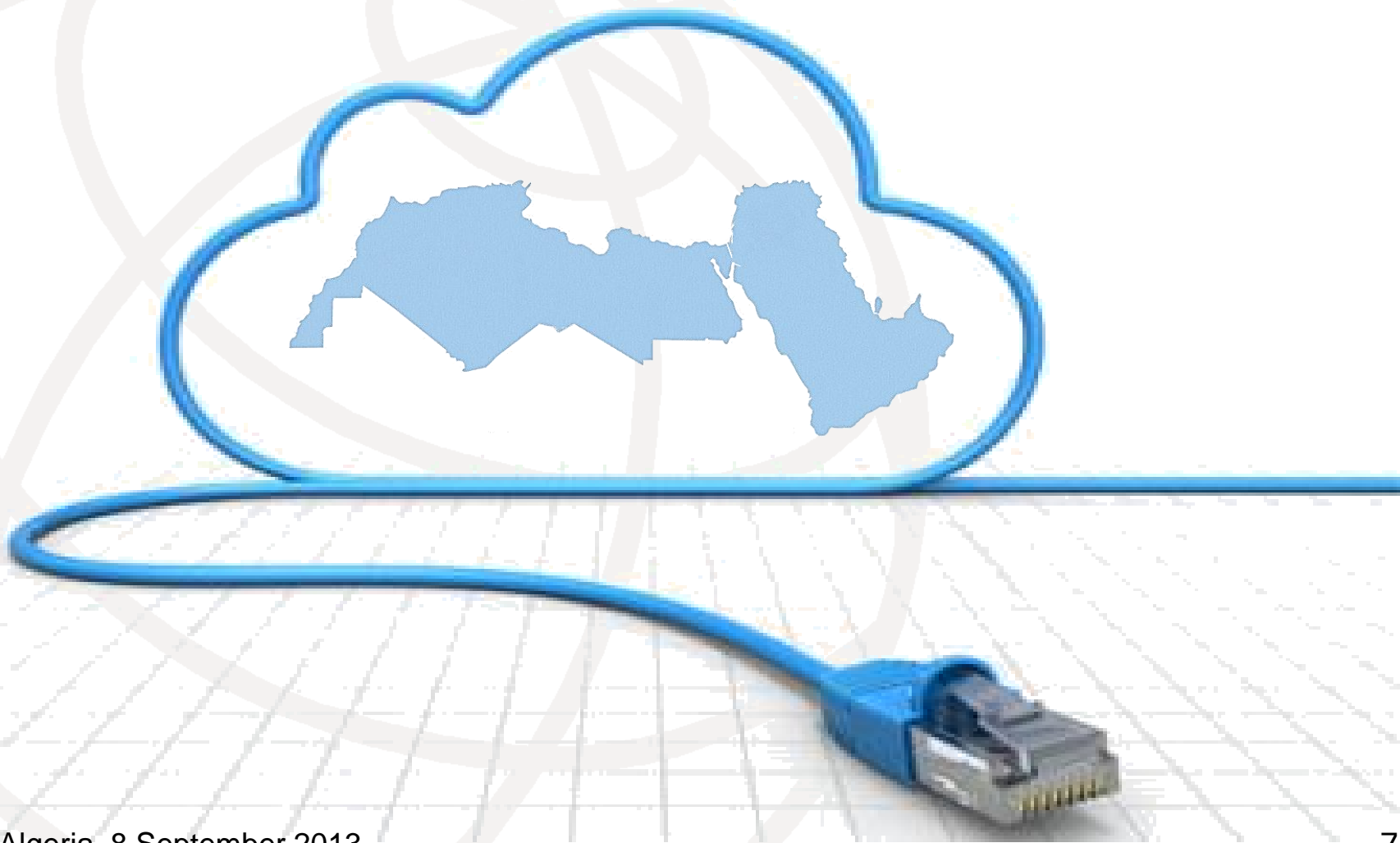
Work in Progress

ITU-T work on Cloud in MENA region

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

ITU Workshop on Standardization on
IMT, M2M, IoT, Cloud Computing and
SDN, Algiers, Algeria, 8 September
2013

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**.

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



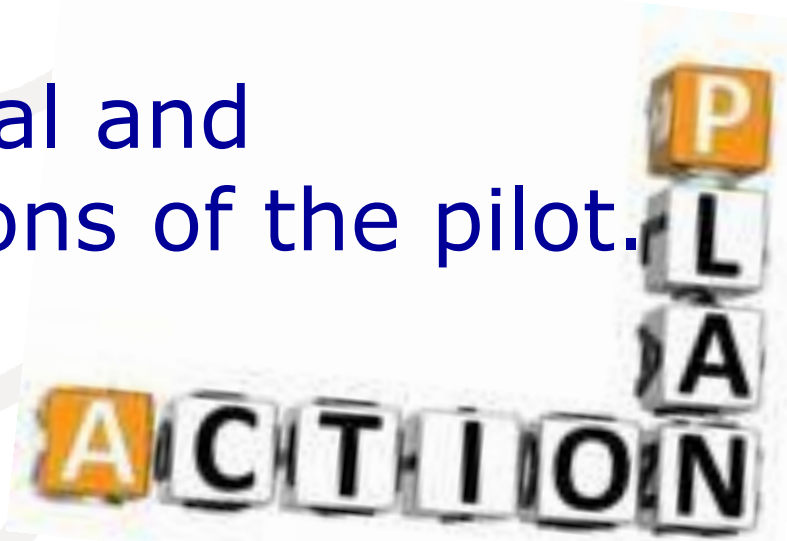
Action plan

- 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.



Action plan

- 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

HR and payroll

E-commerce and inventory

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.



THE NEXT
STEP

Next Steps

- Learning from the pilot experience to evaluate the impact of Regional Cloud compared to Local and Global Cloud.
- Implement a new pilot for organization like universities, regulators, etc.

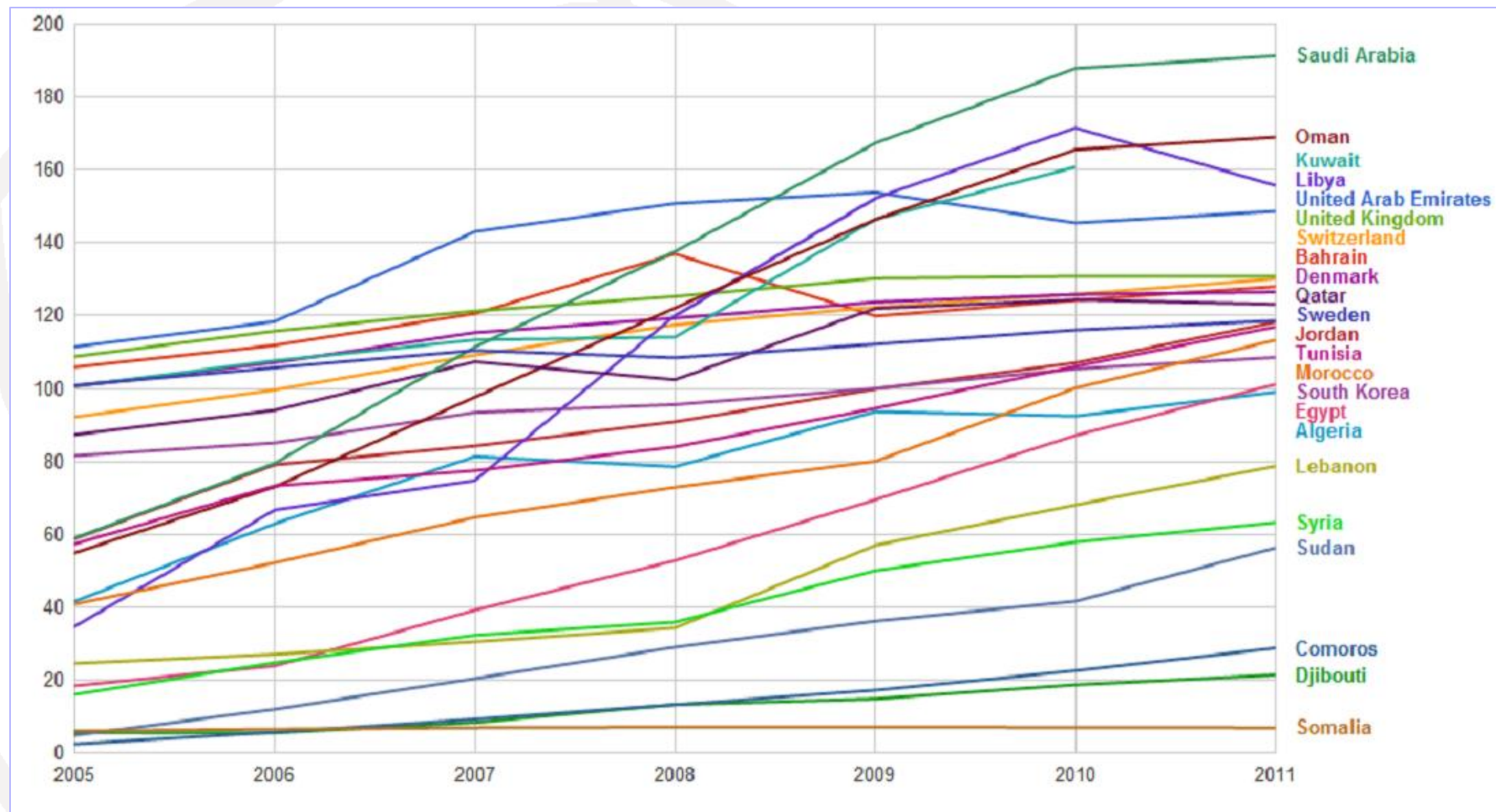


Next Steps

- 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.

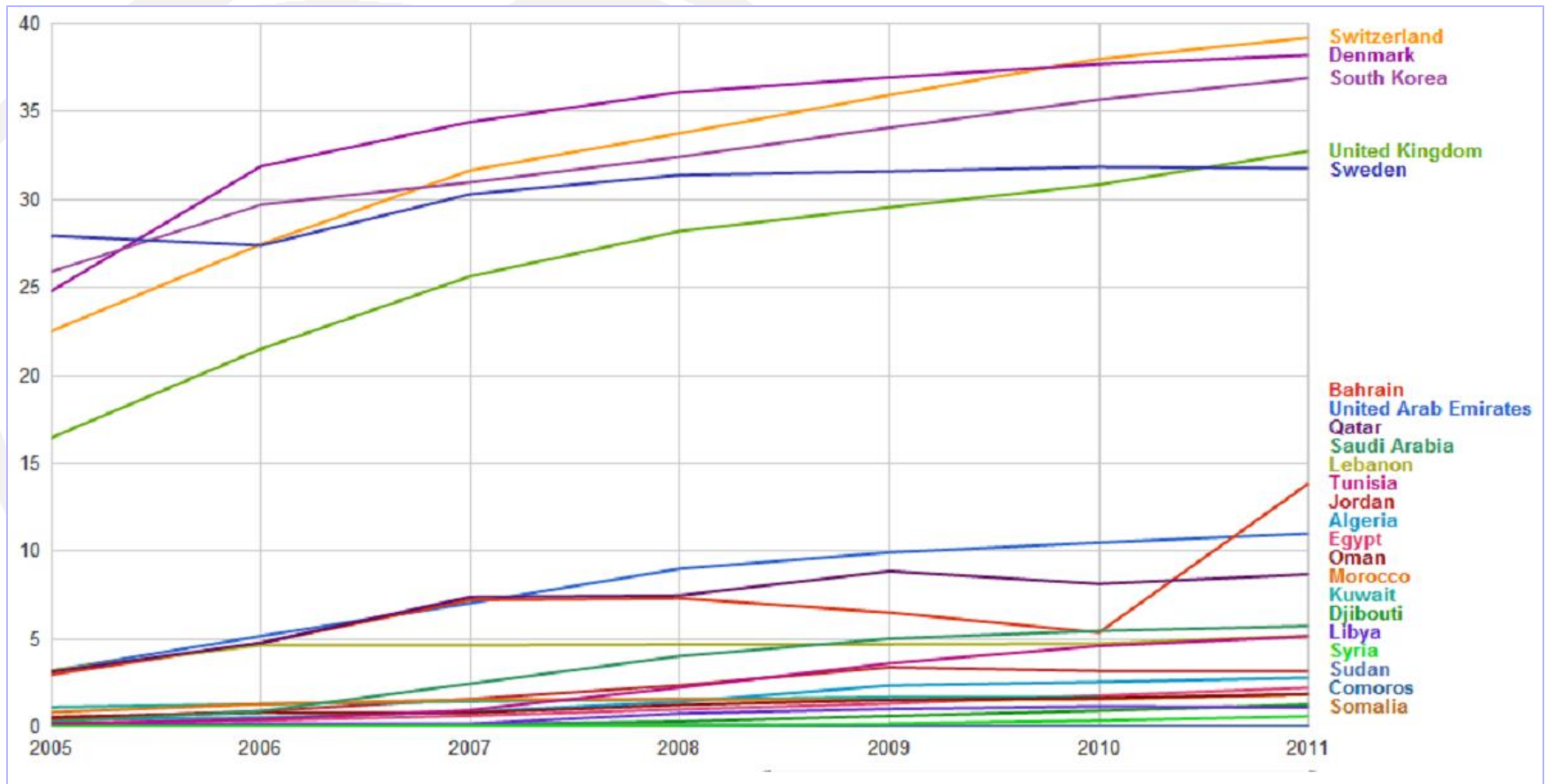


The MENA region's telecoms industry



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

The MENA region's telecoms industry



ICT Basic Indicators- Fixed broadband subscriptions per 100 inhabitants [Source: ITU, 2011]

Cooperation between ITU and AREGNET

- Strengthen the public & private regional presence.
- Ensure regulatory harmonization between developed and developing regions/members.



Cooperation between ITU and AREGNET



- 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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