

spring 2011
internet2 member meeting
the path forward



ASREN



UPDATE

Yousef Torman,

Executive Director, JUNet

CEO, Technology, Networking & Infrastructure, ASREN

National Efforts (Arab Countries)

Country	NREN
Jordan	JUNet
Morocco	MARWAN
Tunisia	KCC
Egypt	EUN
Sudan	SUIN
Saudi Arabia	KASCT & KAUST
Palestine	PADI 2
Syria	HIAST, SHREN
UAE	ANKABUT
Qatar	Qatar Foundation
Oman	The Research Council – OMREN

**More
to
Come
..**

The only regional network in the Arab Mediterranean Countries

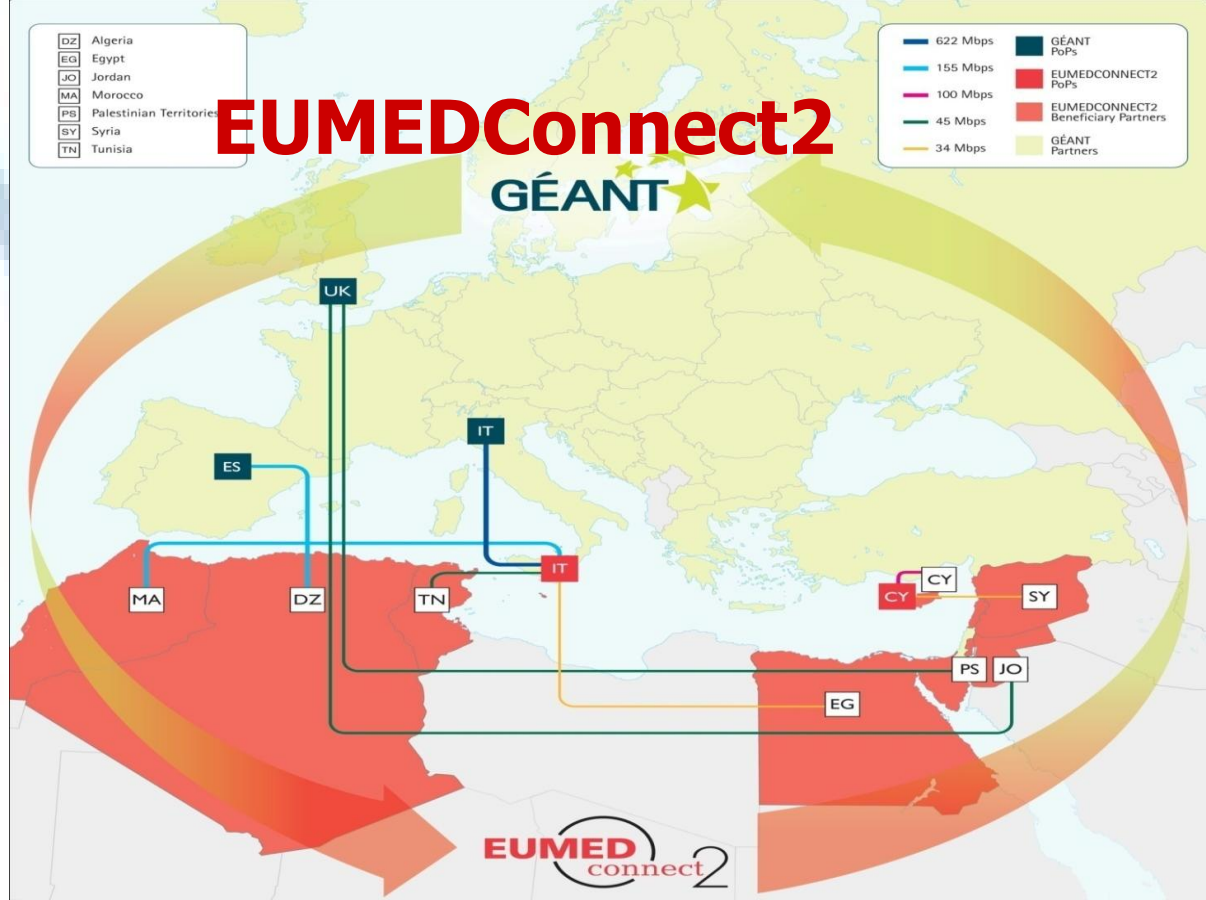
A Euro-Med success story

Connects ~2m users at ~700 institutions among each other and with their peers in Europe and beyond

Directly connecting Algeria, Egypt, Jordan, Morocco, Palestine, Syria and Tunisia

Linking Mediterranean and European partners via GÉANT

Jointly funded by the EC and the MED partners to reduce the digital divide



EUMEDConnect3
Will be further funded by the EC for additional 3 years



The EUMEDGRID Support Project

Coordination and Harmonization of Advanced e-Infrastructures



Exchange Programme to
advance e-Infrastructure Know-
How



Linking Scientific Computing in
Europe and the Eastern
Mediterranean

Regional Efforts, historical background

- **PAN Arab Network, 2005**
- **Rome Declaration 2006**
- **NAP, the Network Access Points 2007**
- **CAMREN 200?**

Major Obstacles and Concerns...

- Financial support
- Technical Support
- Political Support
- Applications, Services, Contents .
- Promotion
- Bureaucracy
- Monopoly, Regulations
- Time...

This slide is unorganized intentionally

I used to carry this heavy slide with me for the last 4 years.



Arab States Research and Education Network (ASREN)

*Promoting world-class Pan-Arab e-Infrastructures
and E-services for the Research and Education
communities to boost Scientific Research and
regional Cooperation*

“The ASREN initiative will connect our researchers and scholars allowing them to share knowledge and to collaborate. It is a unifying network for the Arab region, and I commend it.”

H.E. Amro Moussa

Secretary General of the Arab League



“Investing in e-Infrastructures will advance inter-Arab research and education and promote cooperation with Europe and the World”

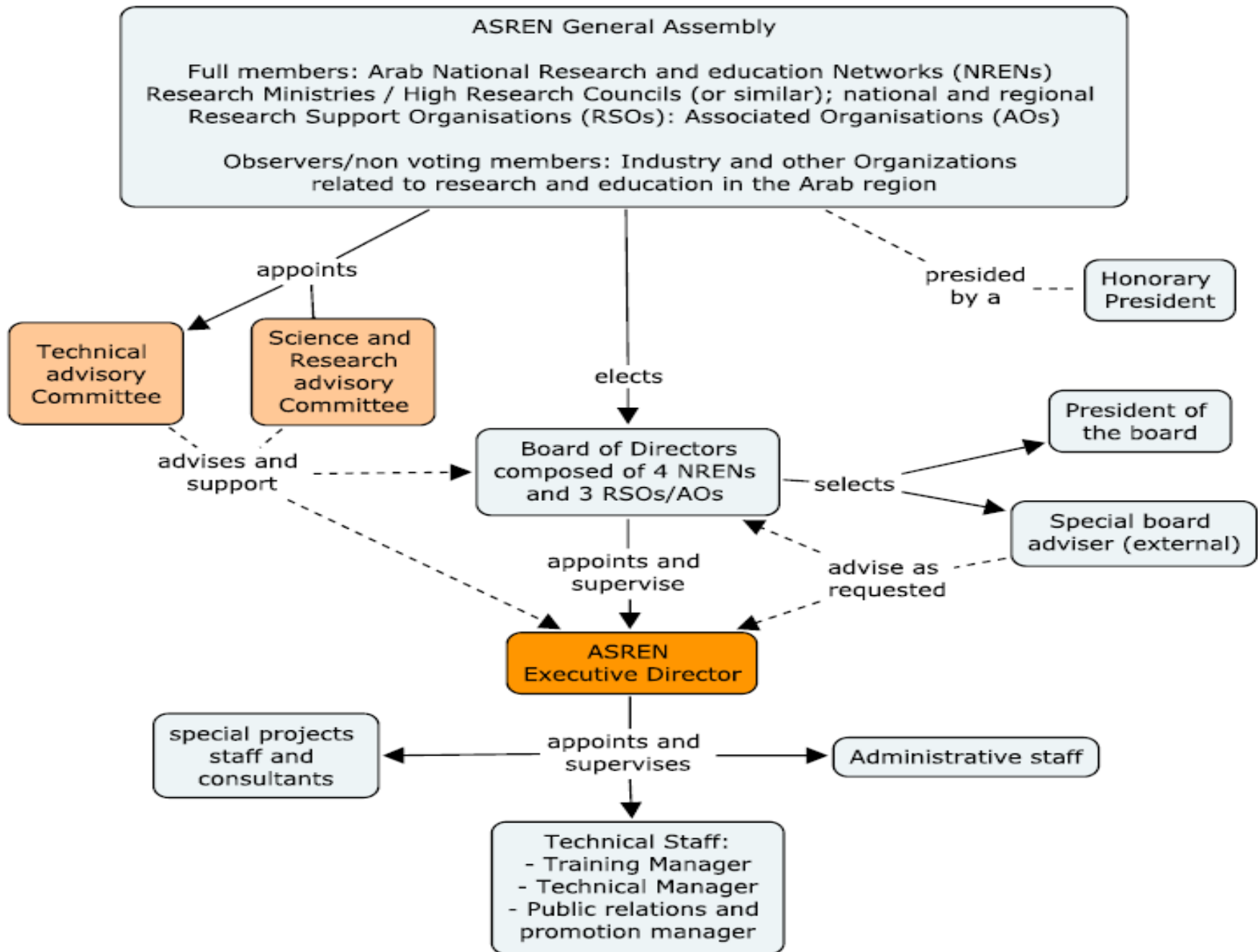
**H.E. Talal Abu-Ghazaleh, Chair of UN
Global Alliance for ICT and Development (GAID)**

ASREN: Vision and Mission

- **Vision Statement:** Pan-Arab collaborative research and education projects and activities, contribute to boost the scientific research, innovation and education levels in the Arab countries by uplifting efficiency and productivity of research and education communities.
- **Mission statement:** To implement, manage and extend sustainable Pan-Arab e-Infrastructures dedicated for the Research and Education communities and to boost scientific research and cooperation in member countries through the provision of world-class e-Infrastructures and E-services.

ASREN: Objectives

- To build, maintain and consolidate regional e-Infrastructures dedicated to e-Science and education across the Arab Countries
- To contribute to create and sustain National Research and Education Networks (NRENS)
- To facilitate the collaboration and cooperation among the researchers and academicians in the Arab region



Overall Objective.

To contribute to boost the scientific research, innovation and education levels in the Arab countries by uplifting **efficiency and productivity of research and education communities**

Expected Outcome

Is in place and sustainable a Pan-Arab RREN dedicated to **support Research and Education communities** and to boost **scientific research and cooperation** through the provision of world-class **e-Infrastructures and E-services**,

targeting

Result 1: ASREN is a **sustainable regional** organisation

Result 2: Are **Built and maintained regional e-Infrastructures** dedicated to e-Science and education across the Arab world

Result 3: ASREN Contributed to **create new NRENS** and to the **sustainability** and expansion of existing NRENS

Result 4: ASREN facilitated **the collaboration and cooperation among the researchers** and academicians in the Arab region.

R1: ASREN is a sustainable regional organization

- After 9 months, ASREN has completed incorporation process, and has executive staffs contracted.
- After one year, the Technical Committee, Network Operation Centre (NOC) and Network Engineering Group (NEG) are in place and produced their own work plans and are implementing it.
- After 3 years funding (non EC) is committed to cover 100% ASREN's operations costs and all activities.

R2: Are Built, maintained regional e-Infrastructures dedicated to e-Science and education across the Arab Countries

- After 2 years, at least 5 Arab NRENS are interconnected.
- After 3 years 8 NRENS are interconnected, rationalising the use of direct connections from members to GEANT and TIEN

Note: The feasibility of reaching this indicator will be confirmed by the interconnectivity study

R3: Contributed to create and sustain NRENS

- After 2 years, ASREN has provided support to create new NRENS in at least 3 countries (mainly, technical support)
- After 2 years, at least 25 technical staff of the NRENS have been trained (technology areas HSN, routing ...)
- After 3 years, at least 5 NRENS have initiated projects with other NRENS.

R4: facilitated the collaboration and cooperation among the researchers and academicians in the Arab region

- After 1 year, at least 2 user forum/events for boosting collaboration among researchers and academics, have been organised by ASREN, 4 after year 2
- After year 1, the guidelines for interconnection and interoperability of e-services (offered by the NRENS) have been developed (with collaboration of all NRENS) and approved, and being implemented during year 2.
- After 3 years at least 2 e-content services projects have been initiated by ASREN

Achievements - History

ASREN was:

- Proposed in Cairo, January 2010, JUNet and TAG
- Announced in Brussels by H.E. Talal abu Ghazaleh, March 2010
- Launched in the League of Arab States in Cairo under the Patronage of HE Amre Moussa, December 2010.

ASREN *GmbH* is now an official legal entity

ASREN now is officially registered in Dusseldorf, Germany as non-profit company with 3 Shareholders:

Jordanian Universities Network, JUNet

Moroccan Research and Education Network, MARWAN

Abu-Ghazaleh & Co. Consulting GmbH

HE Amre Moussa, Secretary General of the League of Arab States was elected as Honorary Chairman

HE Talal abu Ghazaleh was elected as Chairman of ASREN

Way Ahead

- The Management team with the support of TAG, DANTE and the involvement of the Arab NRENs, ASREN is building on the strategic plan developed under the framework of the EUMEDCONNECT2 Project to achieve the goals and objectives.
- ASREN will have head office at TAG Org. in Amman in June 2011.
- The next ASREN Shareholders meeting will be held in the League of Arab States in Cairo, July 4th 2011.

ASREN first Annual Meeting

- ASREN 1st Annual meeting will be held in Amman in December 2011.
- We are proposing to have the following meetings to be held in conjunction with
 - ASREN 1st Annual Meeting
 - The 4th EU-MED-Event
 - Internet2 Middle East SIG Meeting
- This will be a very good idea to bring the three communities together in one event as this will maximize the benefits for all and will create opportunities for further collaboration.

ASREN Publications

- We are currently using the temporary website www.asren-launch.net where many information and publications are available now on this website including the proceeding of the ASREN launch held in Cairo last December.
- A new website will be launched before the end of April 2011 with ASRENS' official domain www.ASRENOrg.net . Please visit this site as you will find a very comprehensive information about ASREN and its plans, publications, initiatives, progress and updates



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- ASREN Synopsis
- Contact us
- About Us
- Glimpse of ASREN
- Research and Education
- Job opportunities
- Partners and Members

S TATES

- ASREN Network
- Overview
- Policies
- How to get connected
- Services
- Network Support

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N ETWORK



ASREN Management team & contacts

Salem Al-Agtash, Ph.D.

CEO, Administration, Education and Research

alagtash@ASRENOrg.net

Yousef Torman,

CEO, Technology, Networking, and Infrastructure

torman@ASRENOrg.net

Sara Aleisawi, MBA

Administrative Officer

office@ASRENOrg.net

Thank You