



ASREN Annual Report Toward Integrating Arab e-Infrastructure

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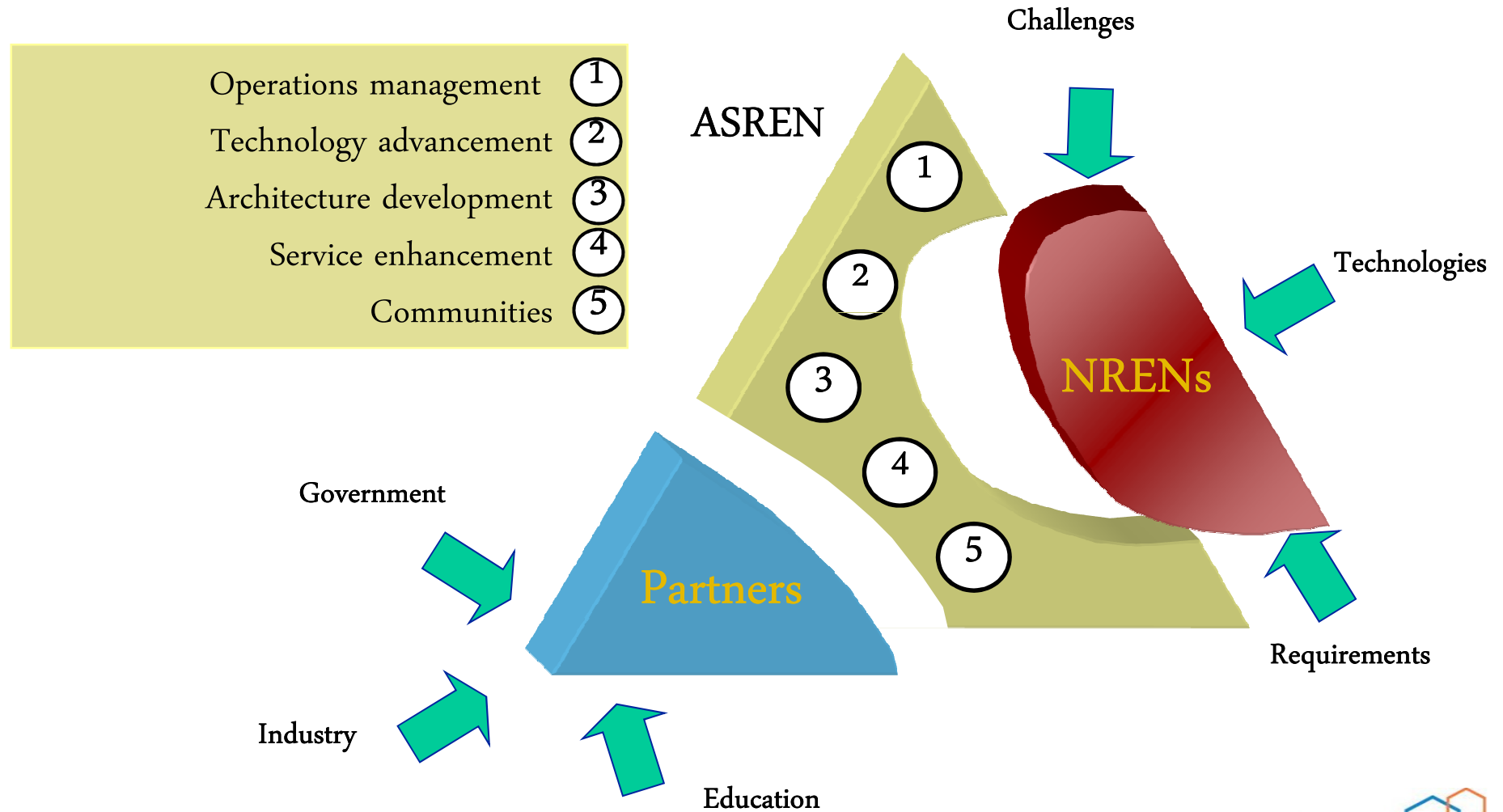
e-AGE 2011, Amman 12.12.2011

Historical background

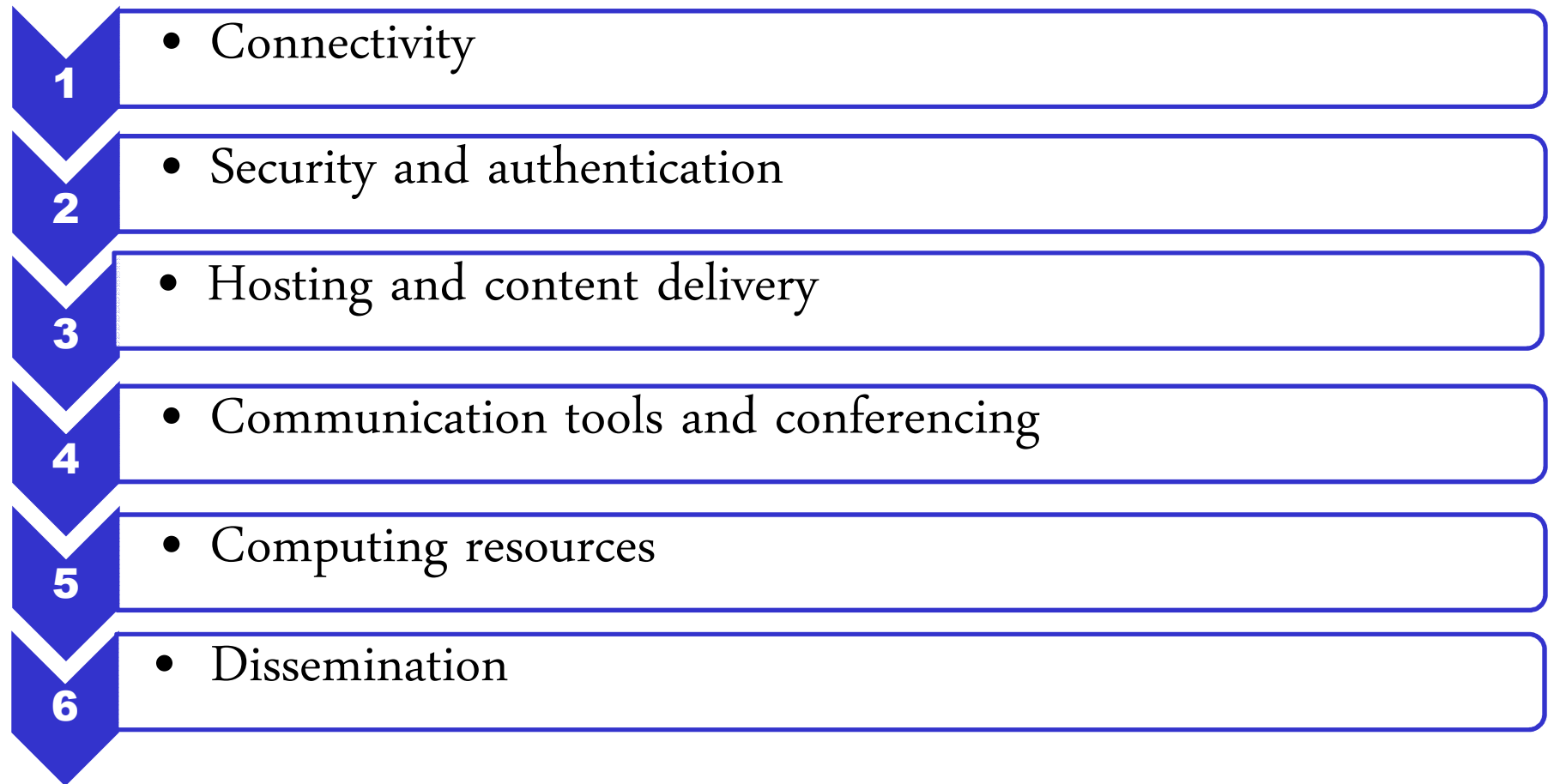
- EUMEDCONNECT, 2004 --> [1], [2], [3?]
- PAN Arab Network, 2005
- Rome Declaration 2006 - CAMREN
- NAP, the Network Access Points 2007
- ASREN, 2010
 - EUMED - Brussels, March 30
 - League of Arab States – Cairo, December 8
- ASREN GmbH - Dusseldorf, June 2011
 - Abu-Ghazaleh & Consulting GmbH
 - Jordan University Network
 - Moroccan CNRST



Eco-system model



Service portfolio

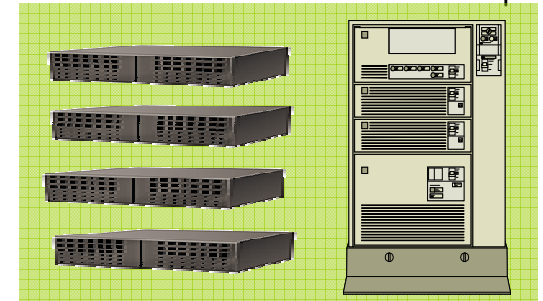


“Research Arabia” - Initiative

- Consolidation of efforts and launching “Research Arabia” initiative, to support researchers in the Arab countries with:
 - High bandwidth connectivity
 - Technology tools and applications
 - Middleware services
 - Grid/ Cloud/ High Performance Computing
 - Data Storage and archiving
 - Support and Expertise
 - Establish communities of practice/ expertise linked to the globe

Forward

- Regional operation center (ROC) to operate, maintain, and manage networking, information flow, applications
- Building capacity and developing technical skills
- Cooperation and coordination with similar regional initiatives
- Developing/ integrating into user/ scientific communities
- Consolidate NGIs at the regional level



Funding sources

- Membership fees – NRENs and associated members
- Project funding/ partnerships: EC, UNDP, UNESCO, World bank, Islamic development bank, Foundations, etc.
- Governments – this could be facilitated through LAS
- Donations
- Usage and consultancy service fees

Partnership planning

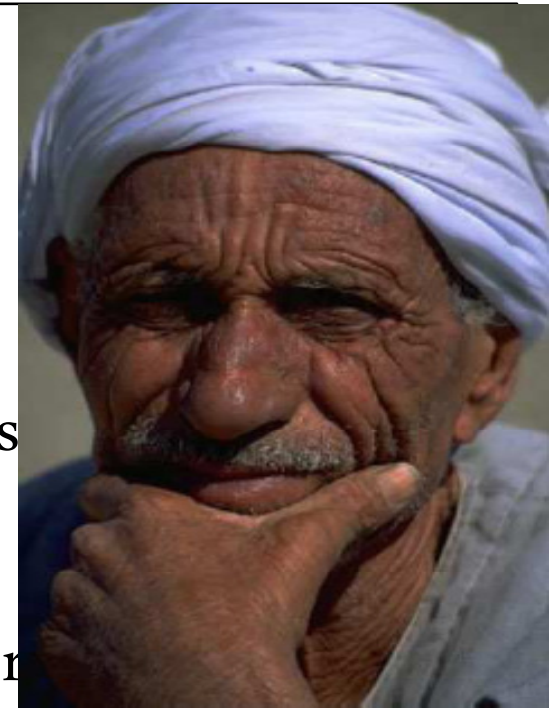
- With Arab NRENs as shareholders in ASREN and for NREN development
- Coalition
 - ASREN
 - Arab NRENs
 - League of Arab States
 - Arab ICT organization
 - World bank, ESCWA,
 - European Commission
 - US Internet2
 - Network operators

Involvement



- Projects: EUMEDCONNECT3, CHAIN, EUMEDGrid Support, EPIKH
- Active Participation:
 - Lebanon NREN launch – October 2011, Beirut
 - Chain/ EUMEDGrid Support – September 2011, Lyon
 - Chain/ EUMEDGrid Support – May 2011, Italy
 - Sharing Knowledge across the Mediterranean – May 2011, Malta
 - Spring Internet2 SIG Meeting – May 2011, Washington DC
 - AfREN/ AfNIC/ AfNOG meetings – June 2011, Tanzania
 - TERENA Networking Conference TNC2011 – June 2011, Czech Republic
 - Workshop on Grids and Modeling: Application – June 2011, Lebanon
 - EUMEDCONNECT/ ASREN Shareholders meeting – July 2001, Jordan
 - Networking meetings: Egypt, Bahrain, Lebanon, ..

ASREN – A new hope and opportunity

- Wider connectivity for R&E
- Collaborative and innovative research
- Knowledge and Skills Development
- Enhanced education, leapfrog into world-class arena
- Aspiration and better opportunities for our youth



ASRENOrg.net

 <p>ASREN</p>	<h2>A RAB</h2>	<h2>S TATES</h2>	<h2>R ESEARCH</h2>	<h2>E DUCATION</h2>	<h2>N ETWORK</h2>
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