



ASREN is a non-profit company with limited liability (GmbH) and is officially registered in Germany, under the umbrella of the League of Arab States

- **Honorary Chair:** H.E. Mr. Ahmad Aboul Gheit, Secretary General of the League of Arab States.
- **Chair of the Board:** H.E. Dr. Talal Abu-Ghazaleh.

ASREN is the association of the Arab region National Research and Education Networks (NRENs), as well as their strategic partners. The main goal is to connect Arab institutions among themselves and to the globe through high-speed data-communications networks. Such networks will enable sharing and access to a variety of R&E services and applications in addition to utilization of highly sophisticated and technologically advanced computing resources available only at very few institutions in the world. We aim to boost pan-Arab collaborative R&E projects and activities, contribute to promote scientific research, innovation and education across the Arab region.

Vision

Setting a pan-Arab high-speed network that is dedicated for R&E to support collaborative R&E activities at the regional and global levels.

Mission

Implementing and managing sustainable Pan-Arab e-Infrastructures dedicated for the R&E communities and to boost scientific research and cooperation in member countries through the provision of world-class e-Infrastructures and e-services.

Key Objectives

- To build, maintain and consolidate regional e-Infrastructures dedicated to e-science and education; across the Arab countries.
- To help create and sustain NRENs in Arab countries where they are not yet available.
- To facilitate collaboration and cooperation among researchers and academics.

The ASREN Network sets out to connect NRENs across the Arab region through a high quality network with several points of presence (PoP) in a number of Arab cities. Selection of PoPs depends on the availability and routing of regional optical fibers.

ASREN is a partner in the EUMEDCONNECT3 and AfricaConnect2 programs, which have connected the Arab Mediterranean countries: Algeria, Egypt, Jordan, Morocco, Palestine, Syria and Tunisia since 2004. In the current phases, connections are being re-established, initially with Algeria, Jordan, Morocco, Lebanon, and Egypt, with additional countries eligible for EC funding support. With its direct links to GÉANT, the pan-European R&E network, EUMEDCONNECT3 and AfricaConnect2 provide access to over 40 million users at over 8000 R&E establishments across Europe.

Services

ASREN works with professionals and partners to accomplish the required objectives and implementation deliverables, in regard to the following services:

- Setup international connection with high capacity.
- Link NREN network to ASREN PoP and peering to GÉANT, Internet2, and other regional R&E networks.
- Setup eduroam and Science Gateway Services.
- Provide specialized training to technical staff.
- Miscellaneous Services.

Benefits

The ASREN network provides institutions with high-speed, high-quality connection to access the following:

- Internet for institutions can have direct access to the worldwide Internet sites and resources around the world, keeping in mind that this PoP is connected to the largest and fastest exchanges in Europe.
- Regional R&E networks in the world including GEANT, Internet2, RedCLARA, CANARIE, TEIN, AfricaConnect, and others.
- Euro-Med Grid Infrastructure network, providing high-performance scientific computing infrastructure that can be used through ASREN.
- CHAIN Science Gateway services, providing several services, tools, applications and data integrated via a portal dedicated scientific communities and research groups.
- High- performance computing services at the Cyprus Institute under the project: Linking Scientific Computing in Europe and the Eastern Mediterranean LinkSCEEM2, which can provide these services to the scientists in Jordan and the region.
- eduroam and Federation of Identities to allow economies of scale and single sign-on services to Internets, digital repositories and highly sophisticated services and applications.

e-AGE Conference

Integrating Arab e-infrastructure in a Global Environment, e-AGE, is an annual international conference organized by ASREN. Since the launch of ASREN in December 2010 at the League of Arab States, it was decided to organize e-AGE every year in one of the Arab countries.

e-AGE is in line with ASREN's major objectives that are related to dissemination and awareness, promotion of research collaboration and joint activities, and establishment of research networks in the Arab region and worldwide.

Past e-AGEs

- e-AGE 2017 entitled "Education, Science and Innovation" - Egypt.
- e-AGE 2016 entitled "Ubiquity and Cohesiveness of e-Infrastructures" - Lebanon.
- e-AGE 2015 entitled "Revealing and Harvesting Knowledge" - Morocco.
- e-AGE 2014 entitled "Intercontinental Connectivity of the Pan Arab Network" - Oman.
- e-AGE 2013 entitled "Connect ---> Access ----> Innovate" - Tunisia.
- e-AGE 2012 entitled "Collaborate towards developing the regional e-Infrastructures" - United Arab Emirates.
- e-AGE 2011 entitled "Together We Shape the Future of Research and Education Networks" - Jordan.

Workshops

- Workshop on Computer Security Incident Response Team (CSIRT) 2017 - Cairo, Egypt
- Workshop on Identity Federation Infrastructure 2016 - Beirut, Lebanon.
- Workshop on Computer Security Incident Response Team (CSIRT) 2016 - Beirut, Lebanon.
- NREN BGP Workshop 2016 - Amman, Jordan
- Workshop on Joining eduroam and Identity Federation 2015 - Amman, Jordan.
- Cloud Computing 2014 - Italy, Rome.
- Identity Federation Workshop 2013 - Amman, Jordan.