

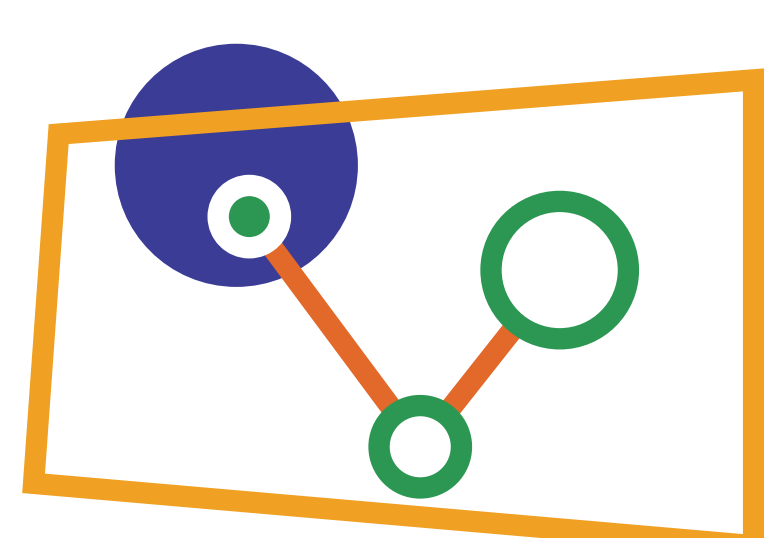
The Research and Education Network for the Eastern Mediterranean



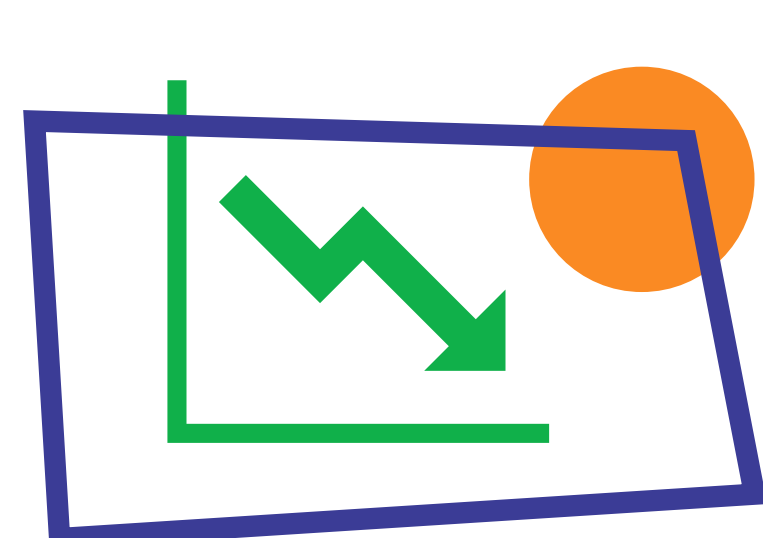
WHAT IS EUMEDCONNECT3?

EUMEDCONNECT3 provides high-capacity Internet connectivity for the scientific and academic communities in the Eastern Mediterranean (Jordan, Lebanon and Palestine), enabling researchers, educators and students to participate in national, regional and international collaborations.

THE IMPACT



Catalysed Arab regional networking organisation ASREN



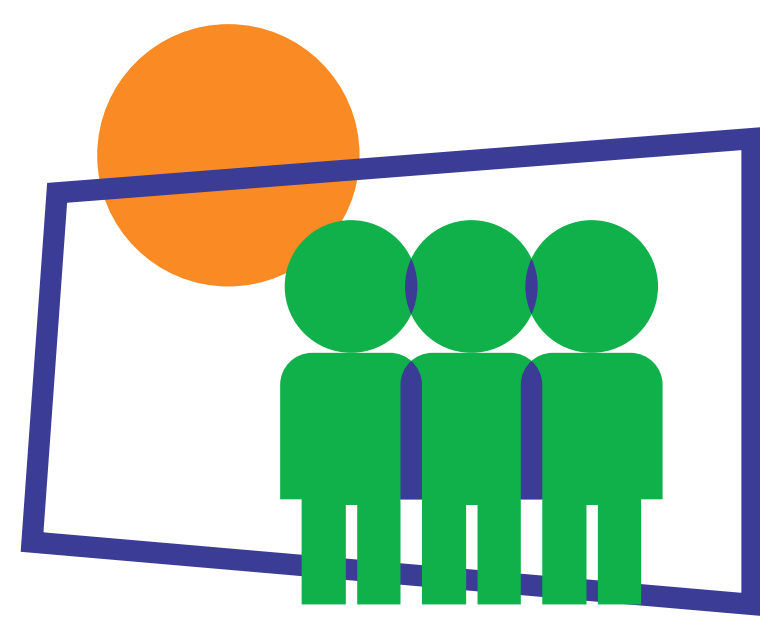
Reduces connectivity costs through bulk purchasing



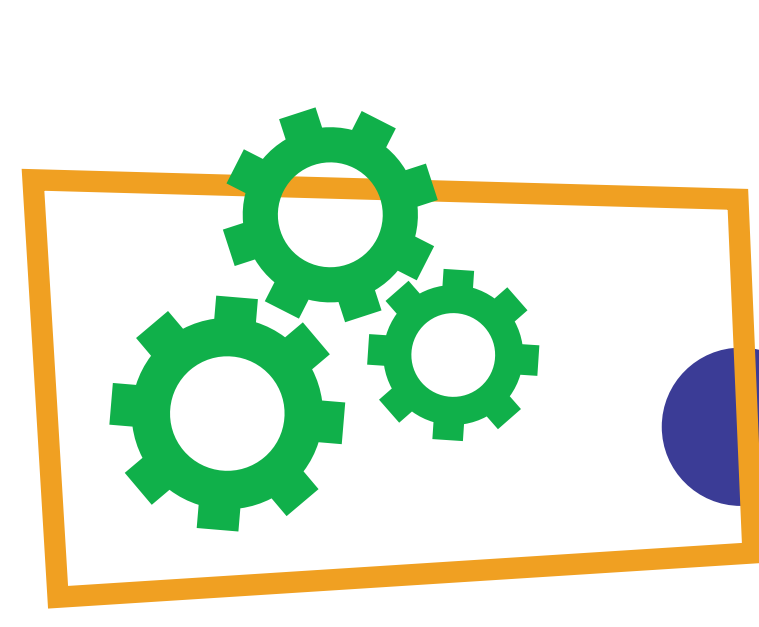
Deployed eduroam (global R&E WiFi) to support student mobility - vital for Erasmus+



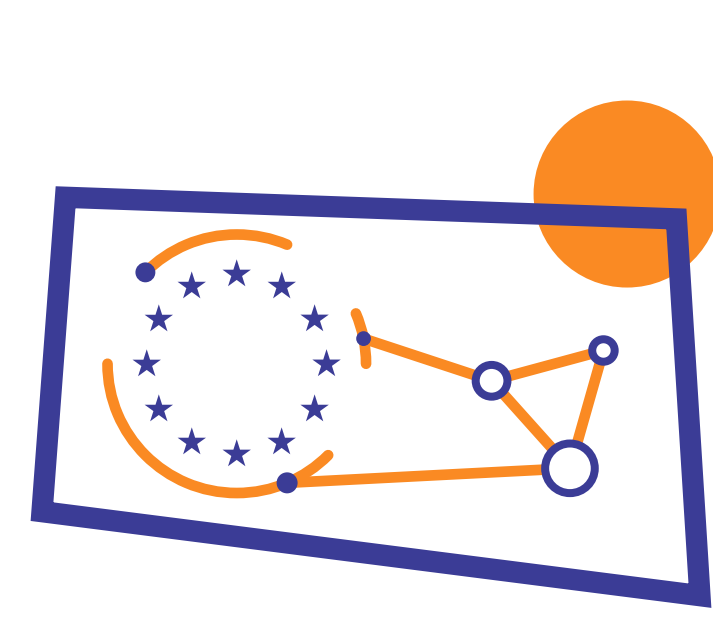
Promotes eduGAIN for collaborative access to digitized content and resource sharing



Facilitates international R&E collaborations and stems talent exodus

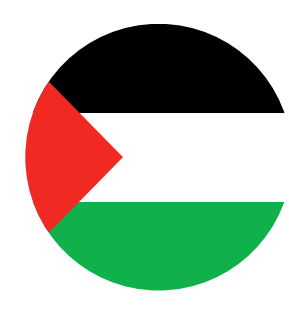


Creates capacity-building and knowledge-sharing opportunities



Supports EU digitalisation transformation objectives in Neighbourhood South

Support to education, scientific research and capacity building



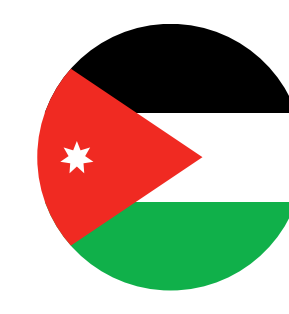
Palestine

- Facilitates re-establishment of NREN.
- Supports flagship projects such as Palestinian Neuroscience Initiative, Arabic Ontology, Open Access repositories at Palestinian universities.



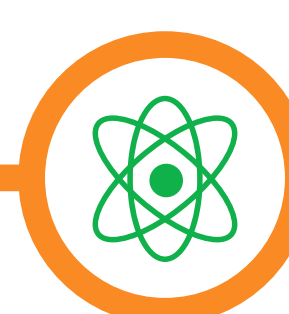
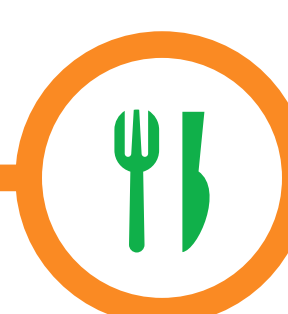
Lebanon

- Catalysed TechCARE, the Lebanese NREN.
- Increased bandwidth from 10 Mbps to 5.2 Gbps for currently 10 universities in complex market conditions.
- Supports participation in high-energy physics experiment at Large Hadron Collider (High-Performance Computing for Lebanon project).
- Facilitates transition to online learning against the backdrop of civil strife, economic crisis, and pandemic.



Jordan

- Crucial to manage data deluge of beamline experiments at SESAME synchrotron, a major scientific hub in the Middle East to develop new materials, design drugs, probe structure of DNA, assess archaeological artefacts, measure soil pollution, etc.



EUMEDCONNECT3 currently connects 40 Horizon2020 projects operating in the region on agriculture resilience, food and water management, energy research, and refugee protection



eduroam and eduGAIN support Erasmus+ students for communication needs and secure and seamless access to services – anytime, anywhere!

COVID19 RESPONSE

EUMEDCONNECT3 swiftly set up and continues to support academic and scientific continuity as well as remote healthcare provision during the pandemic:



Access to shared Covid-19 response portal to coordinate multidisciplinary efforts for combatting the virus



Swift transition to distance learning, saving the academic year



Secure remote consultations by healthcare providers



The ASREN connection prepares the ground for SESAME to become the scientific hub in the Middle East and for tackling the data deluge in the years to come

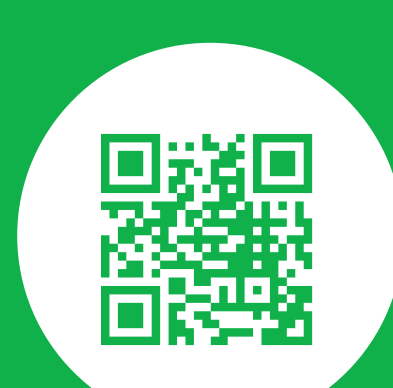
Dr. Khaled Toukan
Director, SESAME



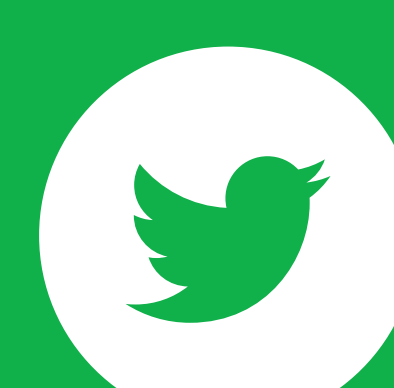
The network co-funding received from the EU was the catalyst that got TechCARE started. Without this funding, Lebanon would still be without an NREN

Dr. Yousif Asfour
Chief Innovation and Transformation Officer and CIO, American University of Beirut (AUB)

Go online to learn more about EUMEDCONNECT3 and keep up to date with the latest developments



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