



NREN

معين
mäeen



الشبكة السعودية للبحث والابتكار
Saudi Research & Innovation Network



مدينة الملك عبدالعزيز
للعلم والتقنية KACST

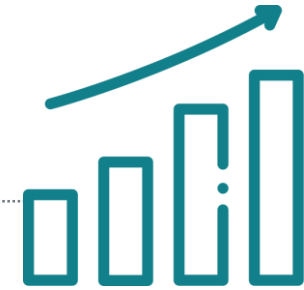
In this meeting



**What is NREN?
2018**



Maeen 2019



2020

What is NREN?



Internet2 CEO
Howard Pfeffer

“

Our ongoing commitment to working with the research and education community and cloud computing providers to accelerate time-to-science, and to facilitate discovery and sharing of ideas.



Geant CEO
Erik Huizer

“

Change is imperative for education and research across the board.



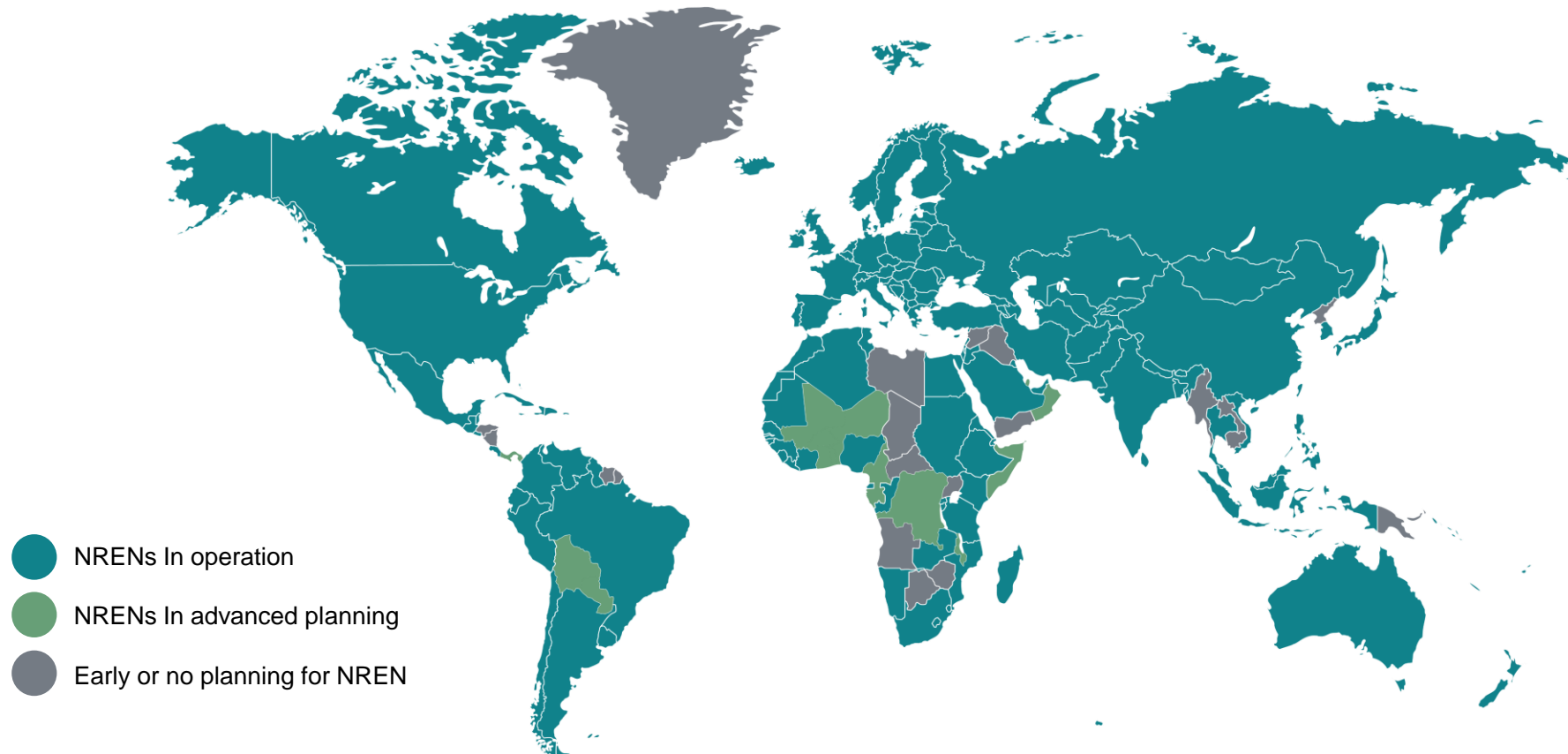
Ankabut CEO
Fahem Al Nuaimi

“

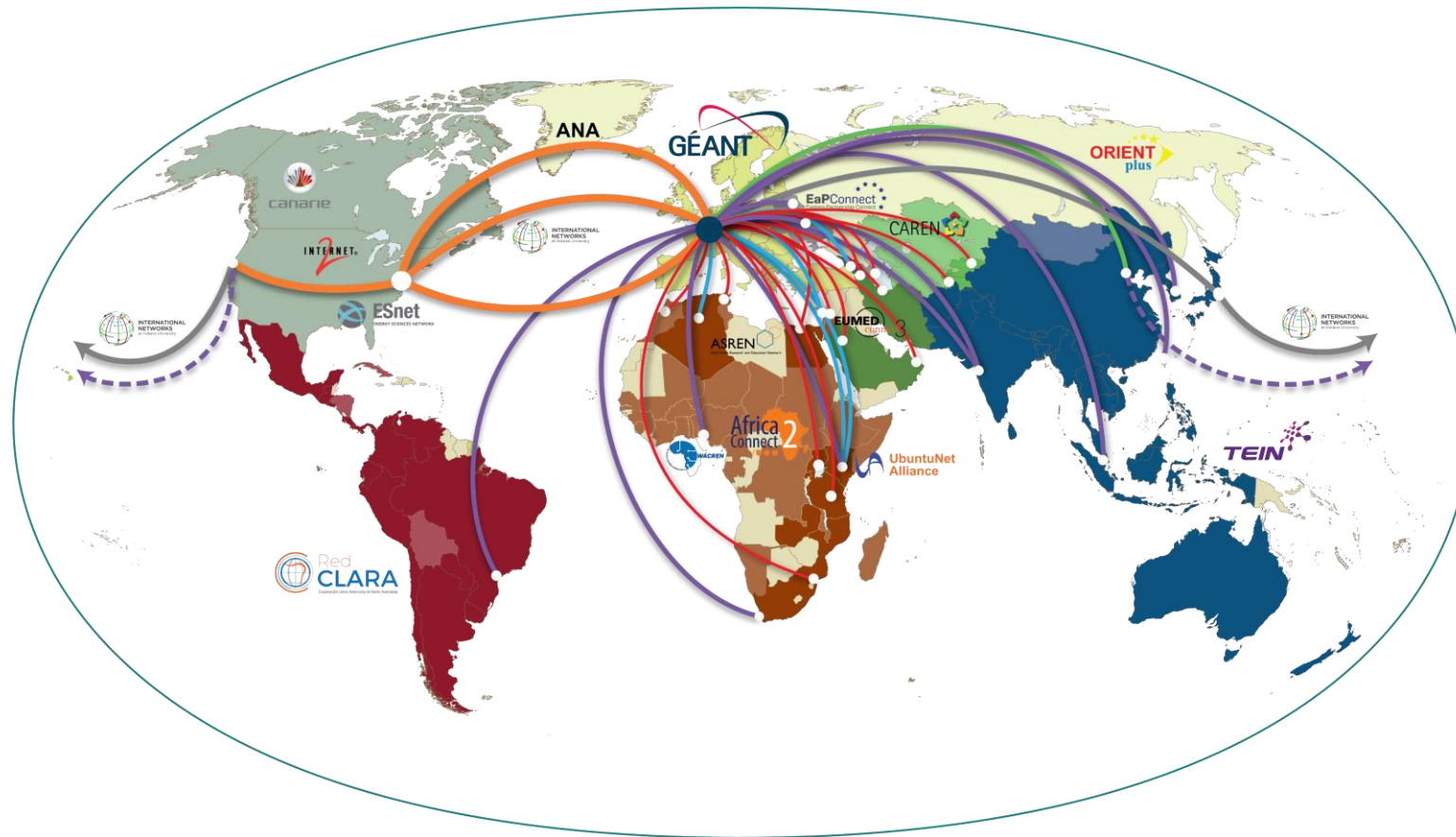
Our community touches nearly every major innovation that defines our modern digital education lives and continues to define the future.



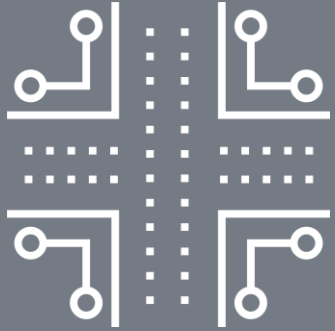
Countries with operational NRENs



Global NRENs



Benefits of NREN



Infrastructure



Enabler



Consortium

NREN fields of interest



Education



Engineering



Agriculture



Health



Energy



Arts



Architecture



Law

Statistics



125 NRENs
Globally



113K+
Subscribers



80M+
Users

Eligible membership



Universities



Schools



**Research
institutes**



**Libraries &
museums**



**National
archives**

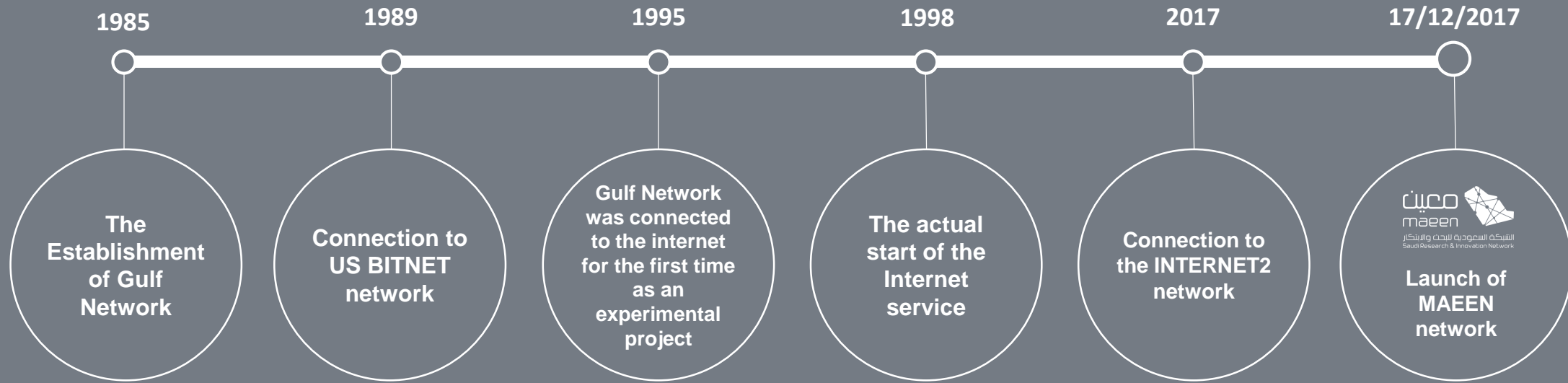


Hospitals



Government

History





National Industrial Development and Logistics Program

28 January 2019

رؤية
VISION
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA



National Industrial
Development and
Logistics Program

Legend:

- Accad Test Lab – Jeddah
- FabLab Arabia – Jeddah
- KAU labs – Jeddah
- TAPC KFUPM Lab lab
- Modelling lab
- Fabrication Labs
- Testing labs

Exhibit 13: Industrial laboratories in the Kingdom

- National research and industrial networks: These are specialized networks that aim at fulfilling the needs of data communication and electronic services for primary and industrial researches, in order to enhance the quality of RDI ecosystems. The Kingdom of Saudi Arabia has founded **MAEEN – Saudi Research & Innovation Network** to raise the efficiency of R&D activities by providing high-speed and highly-qualified data transfer among network users, and by enabling them to benefit from its applications and services.
- Open data: The Kingdom ranks 74th as per the Open Data Barometer, and 132nd according to the Open Data Inventory.

The infrastructure enabler of the Kingdom's RDI ecosystem faces several challenges that should be addressed in order to advance this system, which suffers from a low number of research laboratories in Kingdom regions, and from the poor equipment of existing ones. MAEEN is also under-equipped, and open data in the Kingdom is scarce and of a low quality. Consequently, based on international benchmarking, and considering the importance of infrastructure in the RDI ecosystem, we recommend the following:



Thank You