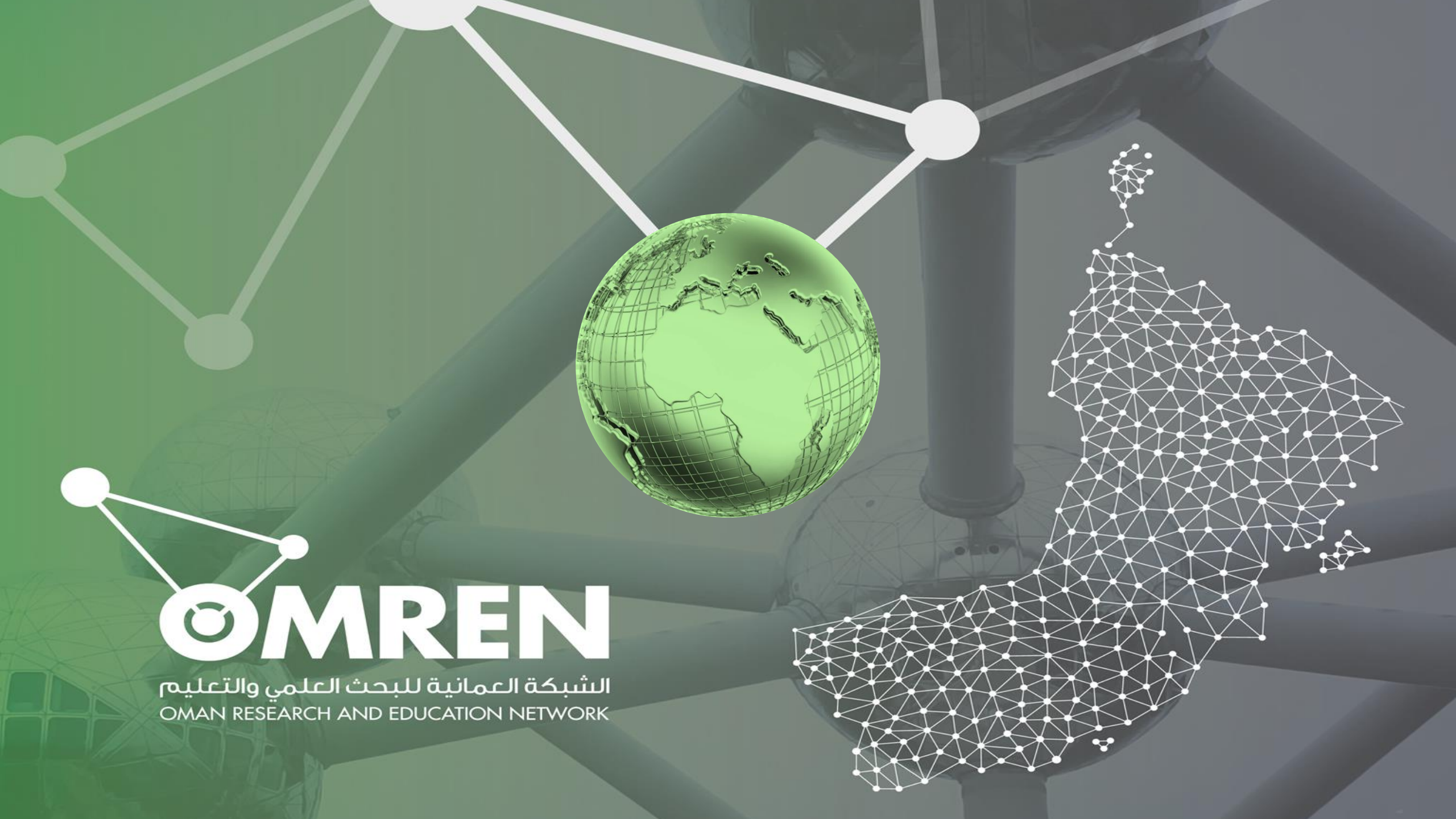
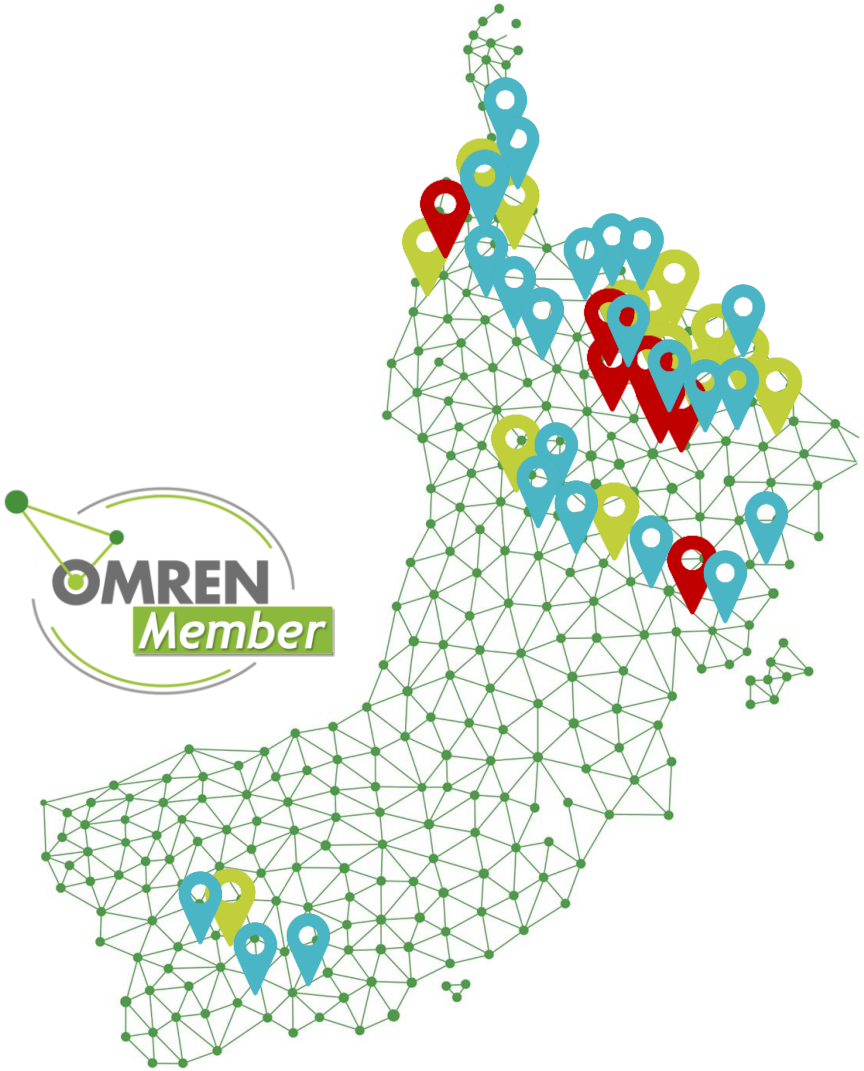
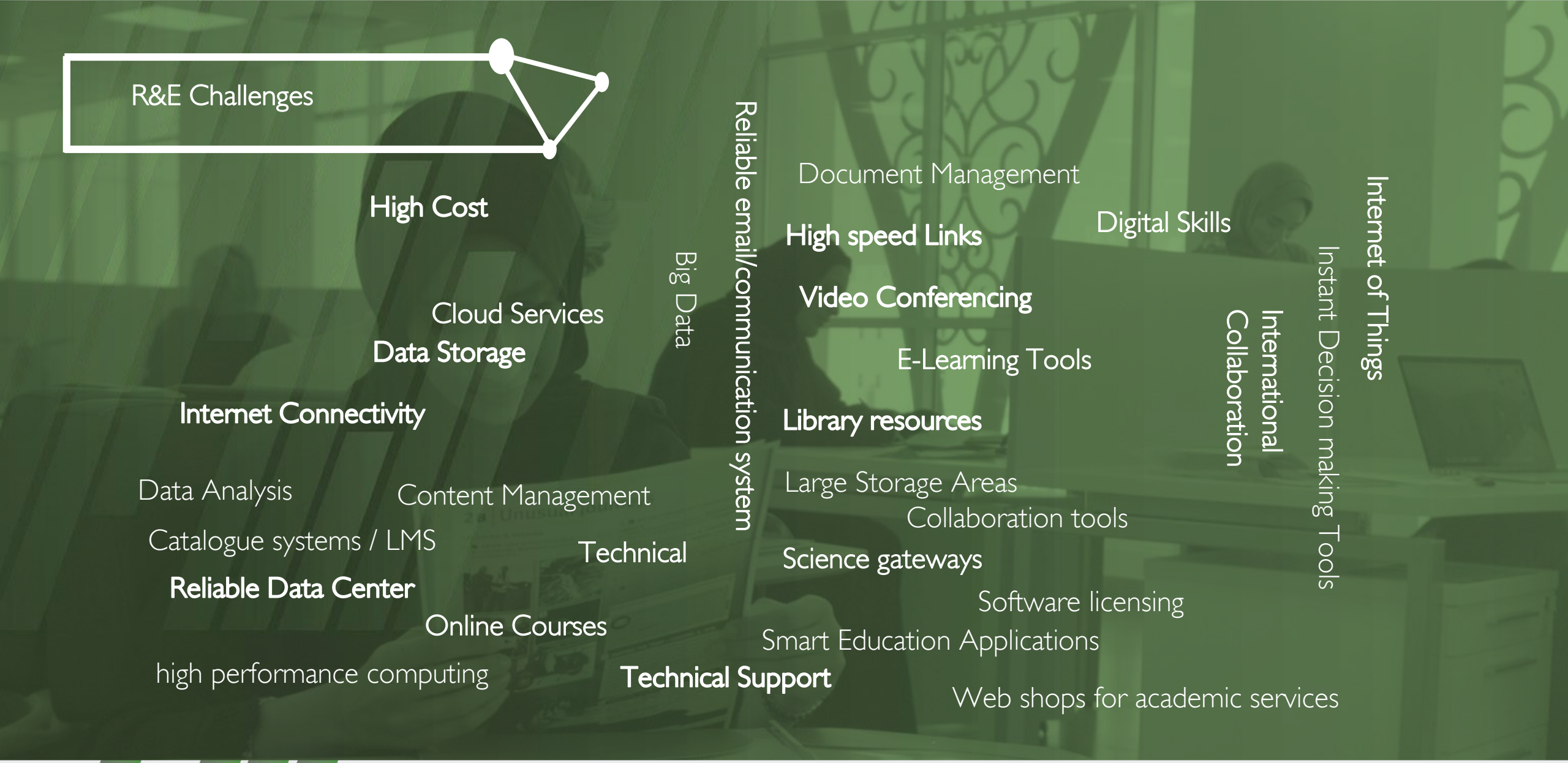

OMREN
الشبكة العمانية للبحث العلمي والتعليم
OMAN RESEARCH AND EDUCATION NETWORK

A Local unified Network

Providing High speed connectivity and services continuously meeting the R&E sector needs.

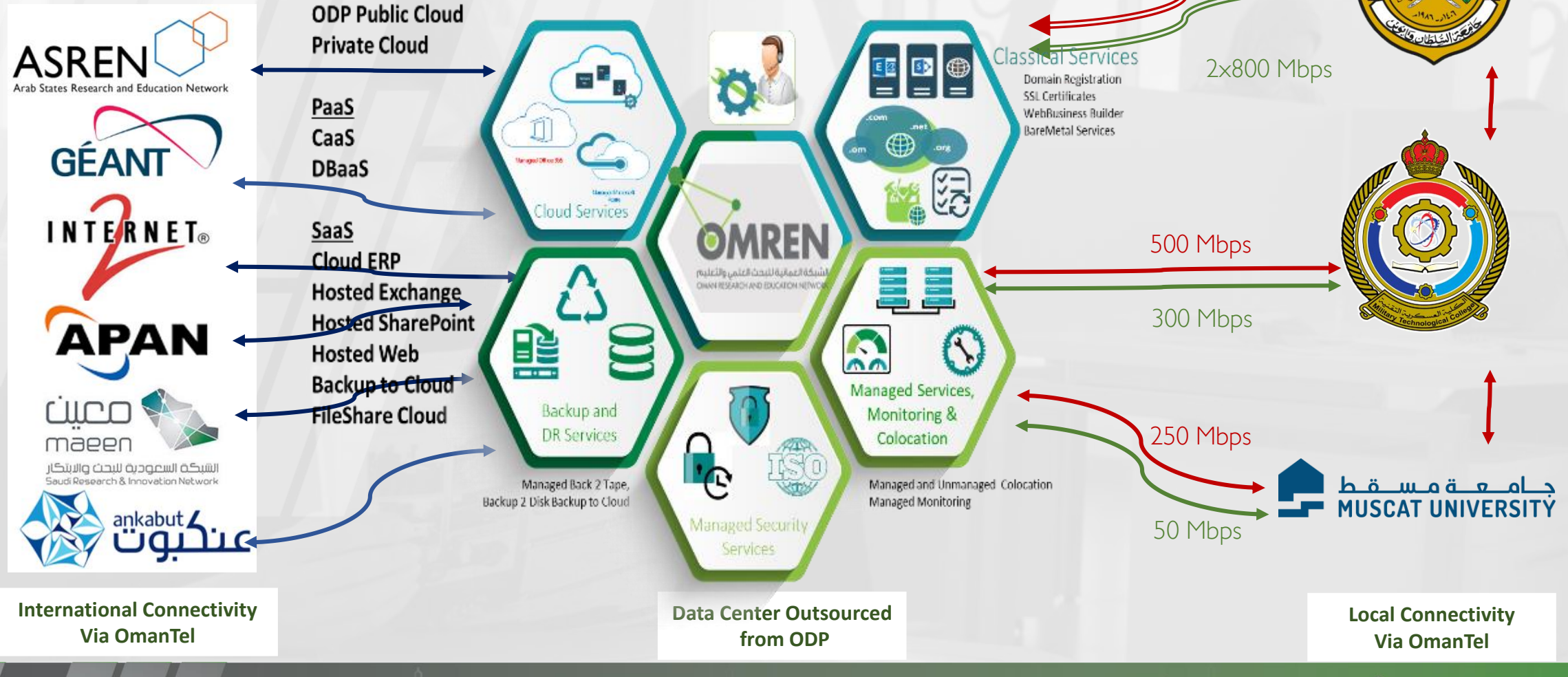



R&E Challenges
High Cost
Cloud Services
Data Storage
Internet Connectivity
Data Analysis
Content Management
Catalogue systems / LMS
Technical
Reliable Data Center
Online Courses
high performance computing
Technical Support
Big Data
Reliable email/communication system
Document Management
High speed Links
Digital Skills
Video Conferencing
E-Learning Tools
Library resources
Large Storage Areas
Collaboration tools
Science gateways
Software licensing
Smart Education Applications
Web shops for academic services
International Collaboration
Instant Decision making Tools
Internet of Things

Achieved

90%
Connected Universities
93%
Connected Researchers
85%
Connected Students
18
Provided Services

OMREN Structure



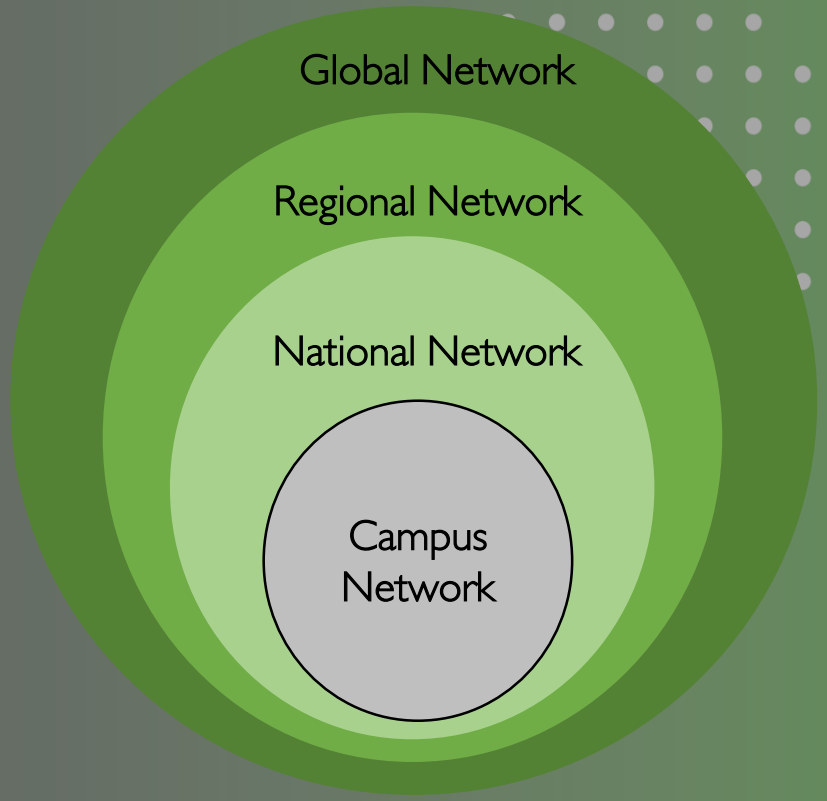
International Connectivity Via OmanTel

Data Center Outsourced from ODP

Local Connectivity Via OmanTel

NREN Ecosystem – Alignment

Without NREN



With NREN

OMREN SERVICES

End –User

- eduroam
- Shuaa
- Video Conferencing
- OMREN Data Centre
- Mirsal
- Masader
- Speedtest
- eduGAIN

Technical

- OMREN Federation
- Internet Leased Line
- International Connectivity
- IPv6
- Network Operation Centre
- SSL Certificates
- OMREN MPLS Network
- Domain Hosting
- IPv4
- Task force

VALUES

CONNECT

- Empower connectivity between research & education community

COLLABORATE

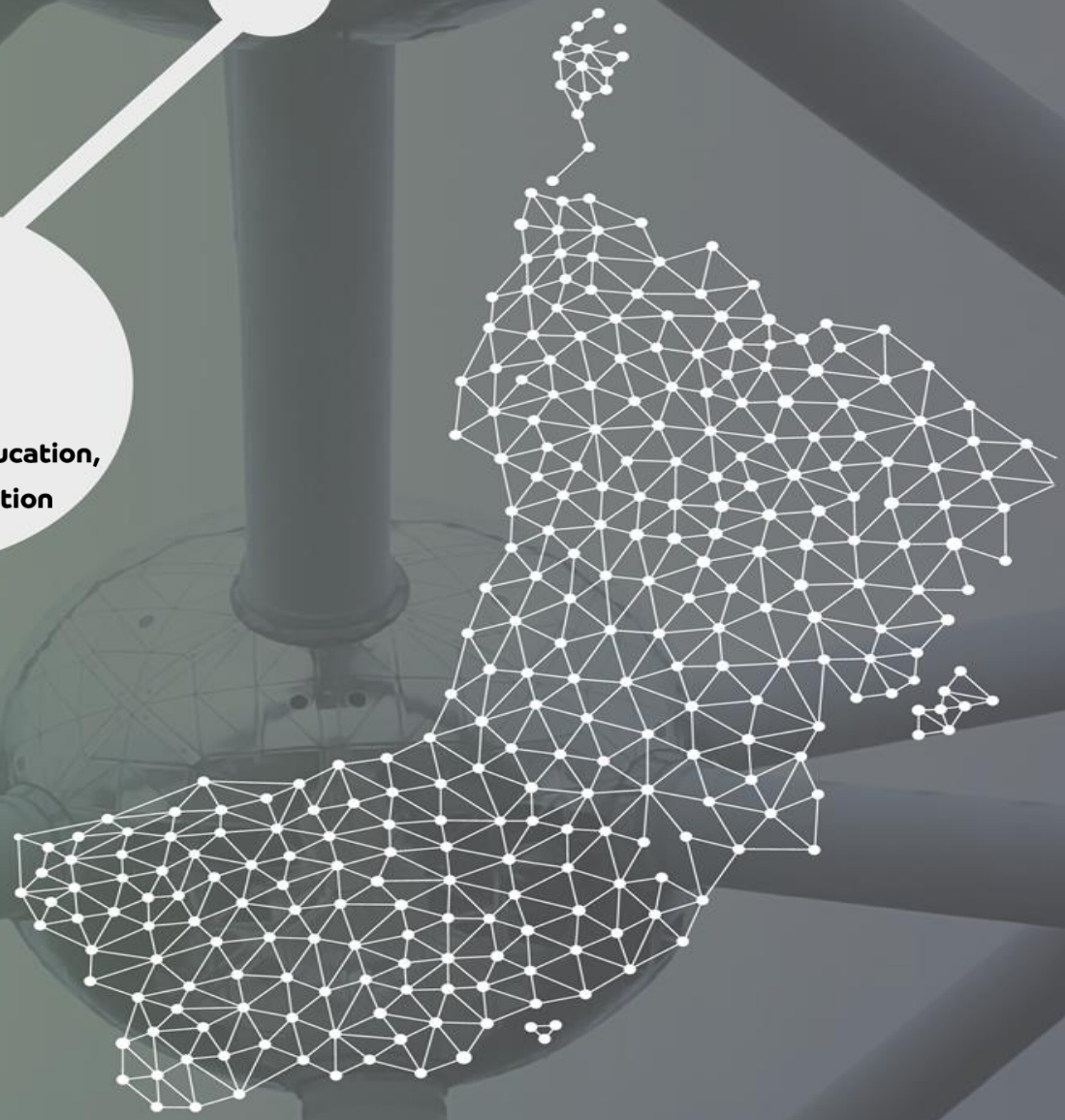
- Promote knowledge collaboration locally and internationally

INNOVATE

- Enrich productivity of knowledge and innovation

Ministry of Higher Education,
Research & Innovation

OMREN

الشبكة العمانية للبحث العلمي والتعليم

OMAN RESEARCH AND EDUCATION NETWORK