



Connections to the Research and Education Community for AzScienceNet

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EAPEC Conference, Baku

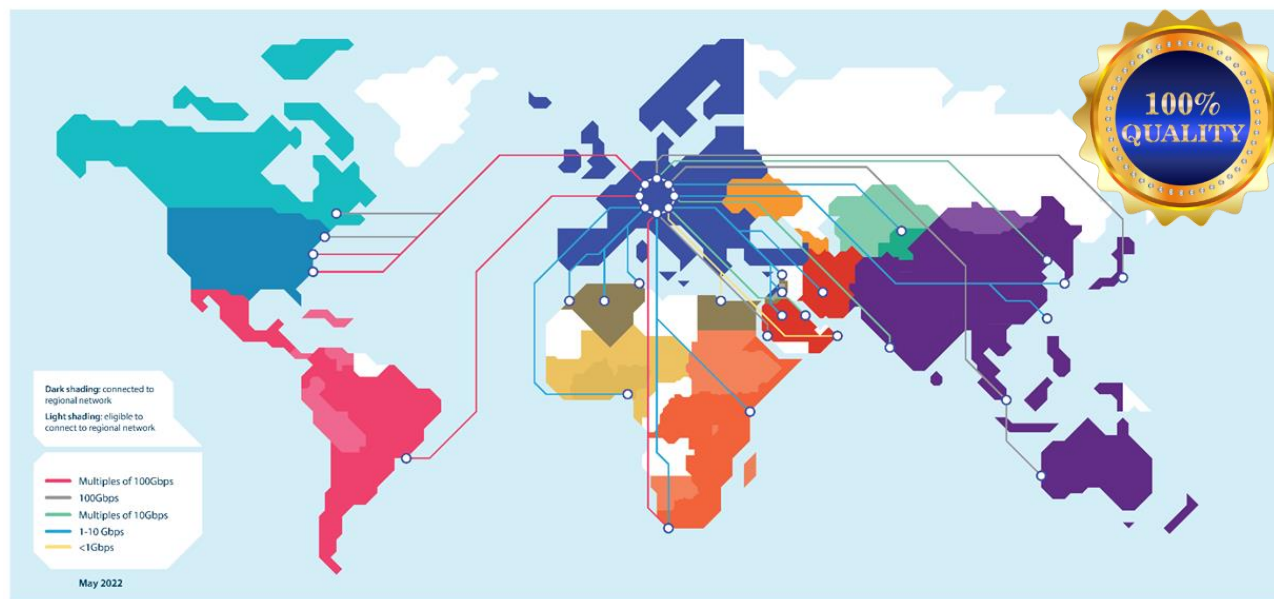
29th September 2022

Public



Network

1. October 2022 10Gb connection from Baku to Frankfurt
2. €51M investment in the pan-European GÉANT network – designed for 35% pa growth, with 40% energy efficiency improvements
3. Global R&E Network Footprint – 1.9Tb/100 countries directly connected



Services



Dimensioned to support big data –
HPC ready

Network



Tools and community working to aid
NREN network operations

Security



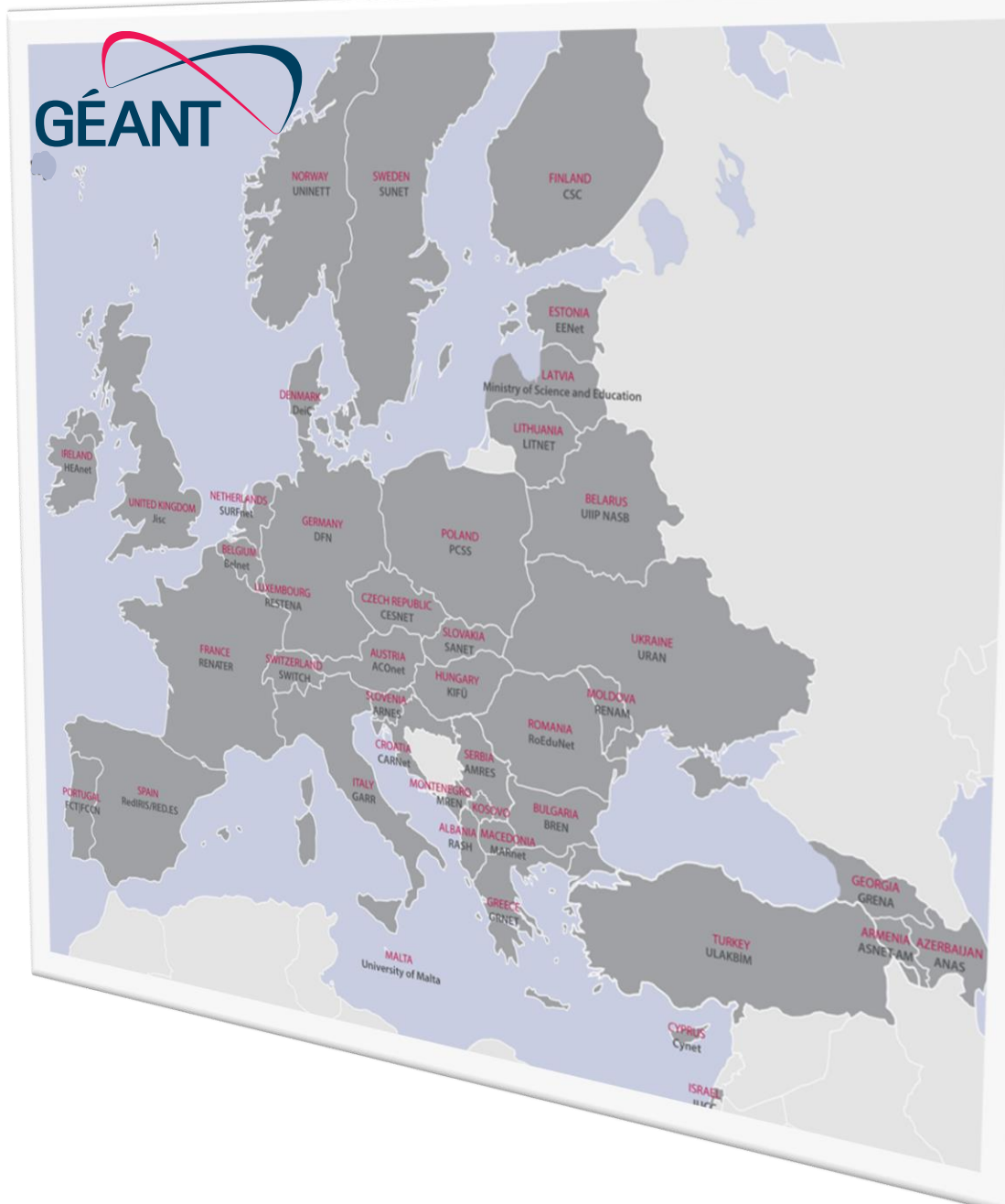
eduGAIN, eduroam, eduTeams –
mobility (ERASMUS) and resource
access

Trust & Identity



Aggregation of community demand
to secure commercial cloud services
– 100% growth rates - €47M in 21

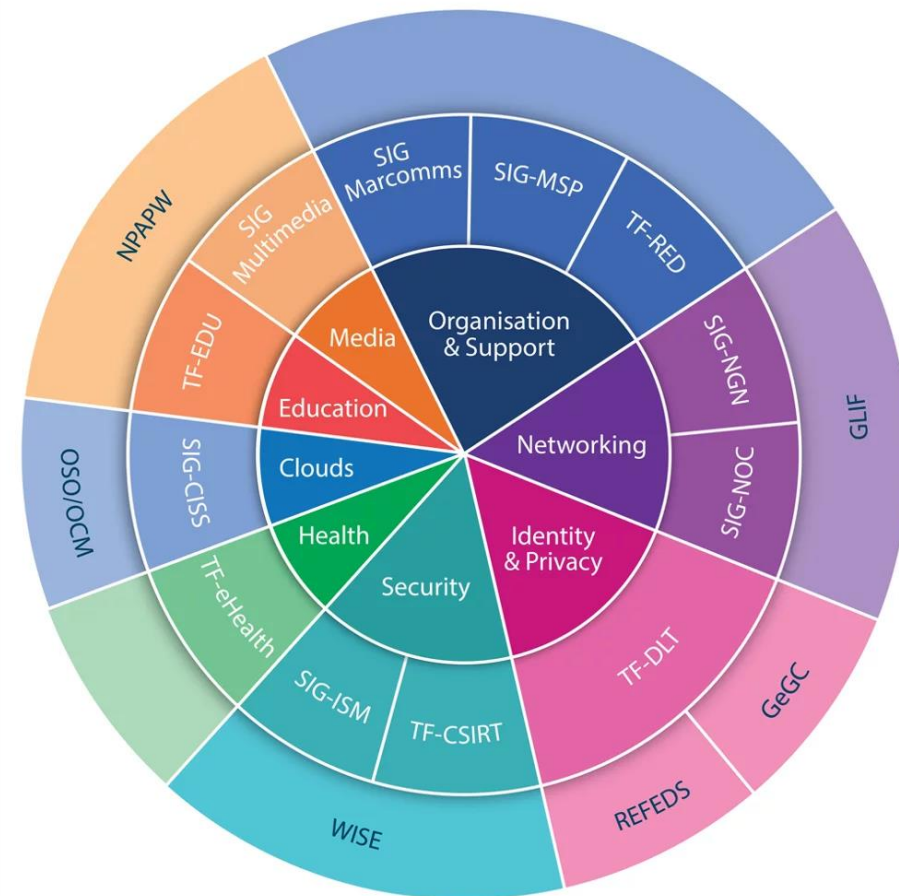
Cloud



People



- Friendship
- Human Network
- GÉANT Community Programme
- Learning and Development – GLAD/Infoshares/eAcademy
- Governance – projects and organisation



Recommendations for Azerbaijan

Create	<p>Create one network for Research and Education</p> <ul style="list-style-type: none">• Use the expertise of AZScienceNet
Invest	<p>Invest in that network nationally</p> <ul style="list-style-type: none">• And benefit from the international community through GÉANT
Use	<p>Use the services available in the GÉANT community</p> <ul style="list-style-type: none">• And not only the network
Prepare	<p>Prepare for the end of the EAPConnect program</p> <ul style="list-style-type: none">• Make SURE funding at national level is available to become a full cost share member of GEANT





Thank You

Any questions?

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As part of the GÉANT 2020 Framework Partnership Agreement (FPA), the project receives funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 856726 (GN4-3).