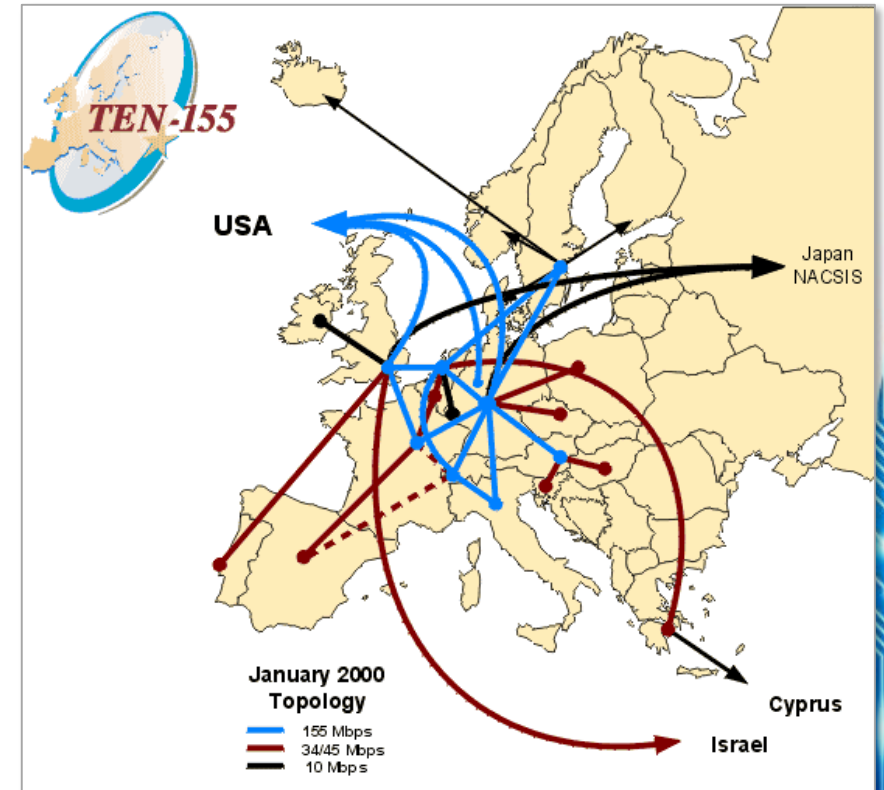# GÉANT
Paving the Way to Horizon Europe
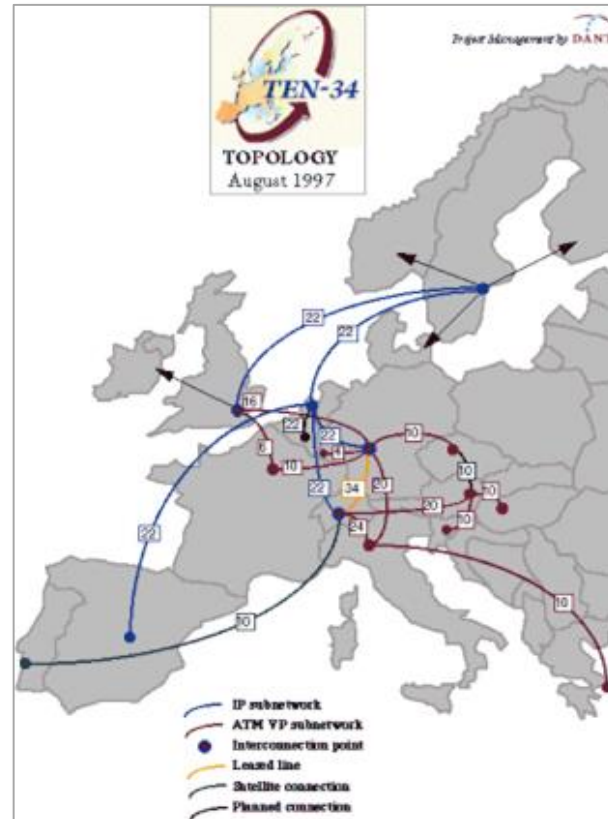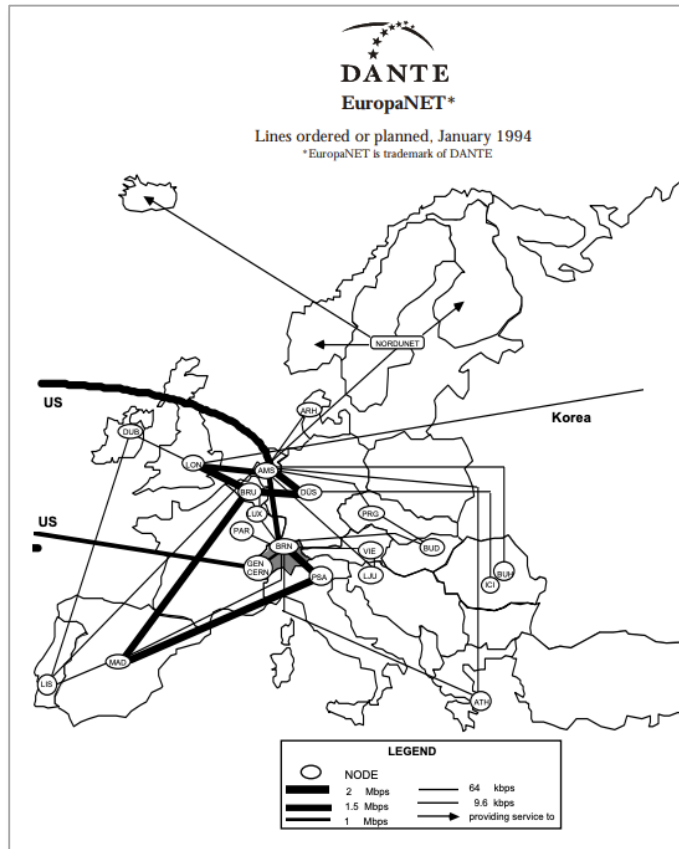
Cathrin Stöver
CCO, GÉANT

RICH Symposium, Brussels, 14 May 2019
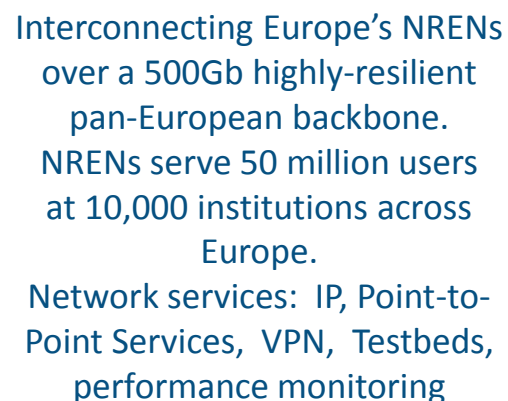
Public

www.geant.org

The early research internet in Europe

Network

The GÉANT network interconnects research, education and innovation communities worldwide, with secure, high-capacity networks.

We design, plan, build and operate the large-scale, high-performance GÉANT network that connects European NRENs to each other and the rest of the world for sharing, accessing and processing the high data volumes generated by research and education communities and for testing innovative technologies and concepts.

Interconnecting Europe's NRENs over a 500Gb highly-resilient pan-European backbone.
NRENs serve 50 million users at 10,000 institutions across Europe.
Network services: IP, Point-to-Point Services, VPN, Testbeds, performance monitoring

eduroam - Linking students to the global community

More than 10,000 eduroam hotspots are available at universities, research centres, academies, many schools, and other research and education institutions in more than 100 territories around the world. As eduroam grows, more and more hotspots are appearing in additional places such as libraries, museums and public spaces such as railway stations and coffee shops.

Roaming Operators	101
Pilots	18

Where can I use eduroam?
Whether you're moving across campus or spending time studying or working at another research and education institution, eduroam gives you seamless internet connectivity.

What does it cost?
Thanks to global agreement, the eduroam Wi-Fi roaming service is free-of-charge to users.

6 Territories

eduroam

eduroam.org
@eduroam

GÉANT

eduGAIN – enabling worldwide access

What does eduGAIN do?
Allows students and researchers to securely access thousands of educational services world wide using single sign-on.

How eduGAIN works
eduGAIN is an aggregating, signing and distribution service to aid in the sharing of identity attributes between identity federations.

How much does it cost?
eduGAIN is free to use for the identity federations that are members and free for the end users that are part of institutions announced in eduGAIN.

5 Territories
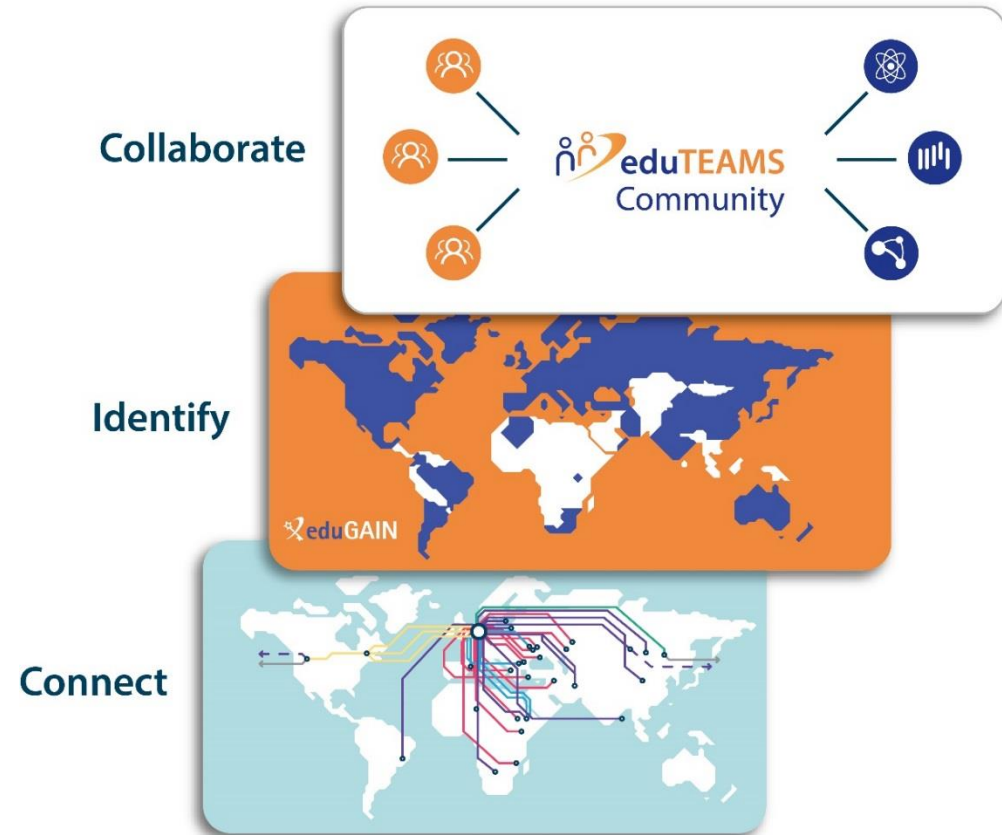
eduGAIN

Registered Entities
Global Identity Providers: 3052
Global Service Providers: 2416
As of 05/04/19

GÉANT

eduTEAMS

- eduTEAMS leverages eduGAIN federated identities to support Virtual Organisation (VO) collaboration.

- Enables teams to be created and managed flexibly and securely.

- Provides consistent access and sharing polices across VOs.

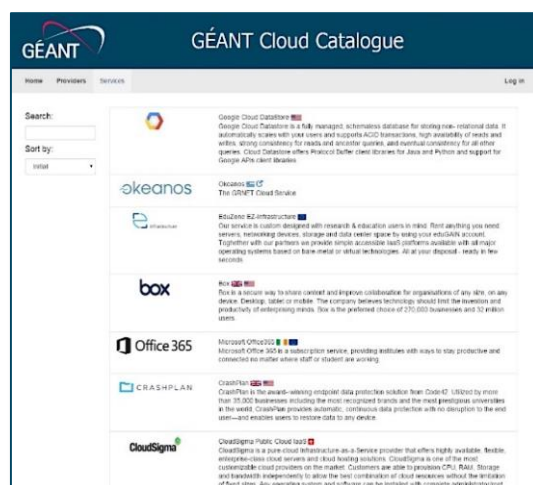- Single Point of Management for community managers to add and remove users and services.

eduTEAMS.org

GÉANT Cloud Catalogue

A growing resource for the research and education community, with a structured listing of service providers and cloud services. It provides a quick and easy guide to clarify the capabilities of providers and helps in the procurement of cloud services

28 services from 16 providers

The European Open Science Cloud

www.geant.org

TNC19 – Tallinn, Estonia

- The largest R&E networking conference in Europe
- 800 attendees
- Helping drive the future of R&E networking
- Sponsorship opportunities available

tnc19 Tallinn, Estonia 16-20 June 2019
Forging Digital Societies

tnc19 Opening Reception
Kultuurikatel
Monday 17 June 17.30 - 19.00

tnc19 Conference Dinner
Seaplane Harbour Museum
Tuesday 18 June 19.30 - 22.30

tnc19 Morning Run
Kultuurikatel
Monday 17 June 08.00 - 09.00

GÉANT

BUILDING OPEN SCIENCE IN EUROPE:
THE ROAD AHEAD FOR THE EOSC COMMUNITY

20 June 2019 I Tallinn, Estonia

@eInfraCentral

Thank you

Any questions?

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