GÉANT in the e-infrastructure ecosystem

Cross-e-Infrastructure collaboration and coordination (network, computing, data)

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GÉANT Association supports and represents over 44 NRENs across Europe.

Together they support over 10,000 institutions and 50 million academic users.
Projects

GÉANT is a trusted European Commission (EC) partner in many global collaboration projects and initiatives through our special relationship with the European Union.
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.
eduroam
Linking students to the global community

eduroam provides a secure global roaming infrastructure for the research and education; users authenticate locally and get online in eduroam-enabled locations.

A global network of users across 106 territories. More than 4 billion national and international authentications a year.

A worldwide success story
From its early beginnings as a joint venture between a few European universities to today – with millions of users in more than 100 territories worldwide, eduroam has been an amazing success story and an example of research and education collaboration.

eduroam.org @eduroam
GN4 and GN5 – FPAs

GÉANT2020 Framework Partnership Agreement (FPA)

The GÉANT2020 FPA is a seven-year programme, split into three phases:

- **GN4-1** 1 May 2015 to 30 Apr 2016
- **GN4-2** 1 May 2016 to 31 Dec 2018
- **GN4-3** 1 Jan 2019 to 31 Dec 2022

**Action A** Drive the Evolution of the Network
**Action B** Support the Knowledge Community
**Action C** Provide Security, Trust and Identity
**Action D** Deliver GÉANT’s Collaborative Ecosystem
**Action E** Develop the Human Capital of the GÉANT Partnership
**Action F** Ensuring the Long-Term Future of the GÉANT Infrastructure

The GN5 - FPA is a seven-year programme:

- **GN5-1** 1 January 2023 to 31 December 2025
- **GN5-IC1** 1 November 2022 to 31 October 2025

**Action A** Understand and respond to the requirements of R&E communities.
**Action B** Evolve the Communication Commons towards data-driven research and education.
**Action C** Deliver state-of-the-art network connectivity and operational excellence.
**Action D** Deliver interoperable and distributed trust and identity infrastructure, security and above-the-net services, and procurement.
**Action E** Ensure innovation of key infrastructures and service development as an indispensable part of the GÉANT partnership.
**Action F** Strengthen the collaborative ecosystem of GÉANT and the NRENs, and develop the human capital of the GÉANT partnership.

Horizon Europe
Thank You
Any questions?
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