

GÉANT and RedCLARA:

Celebrating European-Latin American Collaboration

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To provide an open, innovative and trusted information infrastructure for the European knowledge economy and to the benefit of society worldwide



A membership association for Europe's National Research & Education Networks (NRENs) GÉANT Association



Coordinates and participates in EC-funded projects

Under Horizon 2020 the financial instrument for implementing the Innovation Union, a Europe 2020 flagship initiative aimed at securing Europe's global competitiveness



Operates a pan-European e-infrastructure with connections to all regions of the world GÉANT network



Manages a portfolio of services for research & education EduX

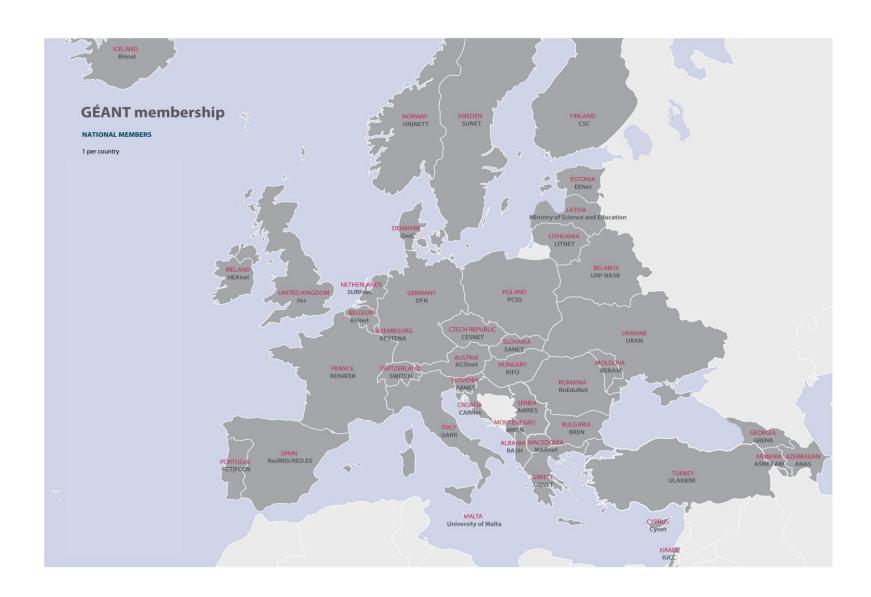


Organises and runs community events & working groups
TNC, task forces & special interest groups





Membership Association







Connecting European-Latin American R&E for the Next 25 Years



















BELLA-S on the EllaLink Submarine Cable System





First-ever direct GÉANT-RedCLARA interconnection



Transatlantic R&E connectivity needs met for next 25 years

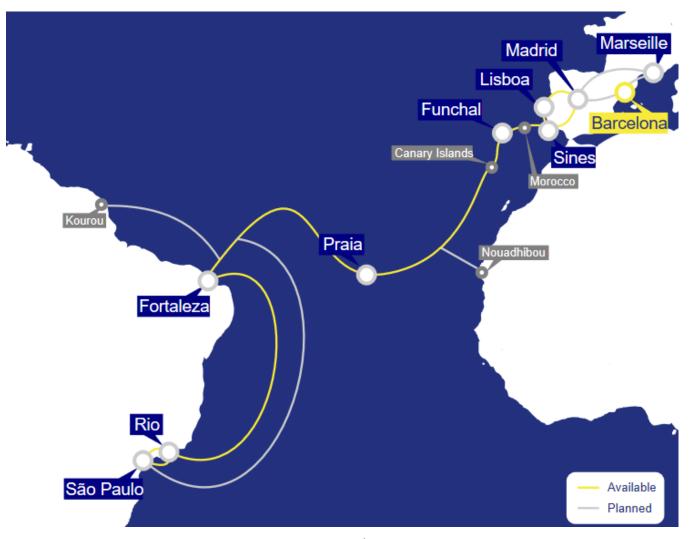


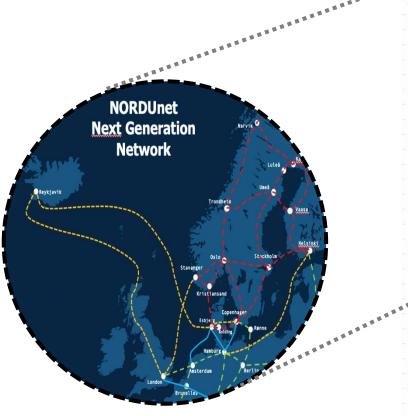
Secure, dedicated capacities available for specific R&E collaborations



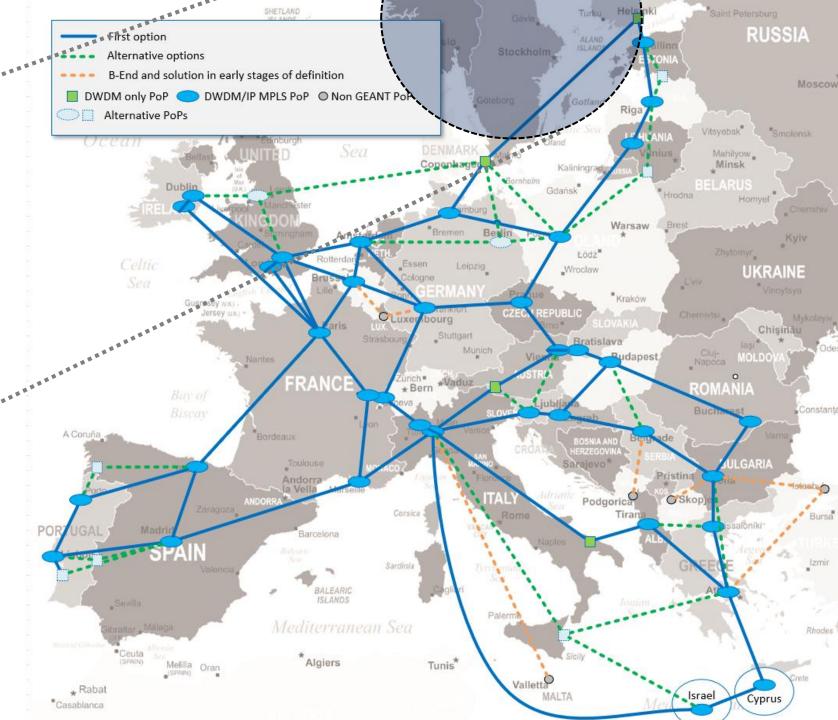
Latency between GÉANT and RedCLARA to be reduced by up to 2/3

Ready first half 2021





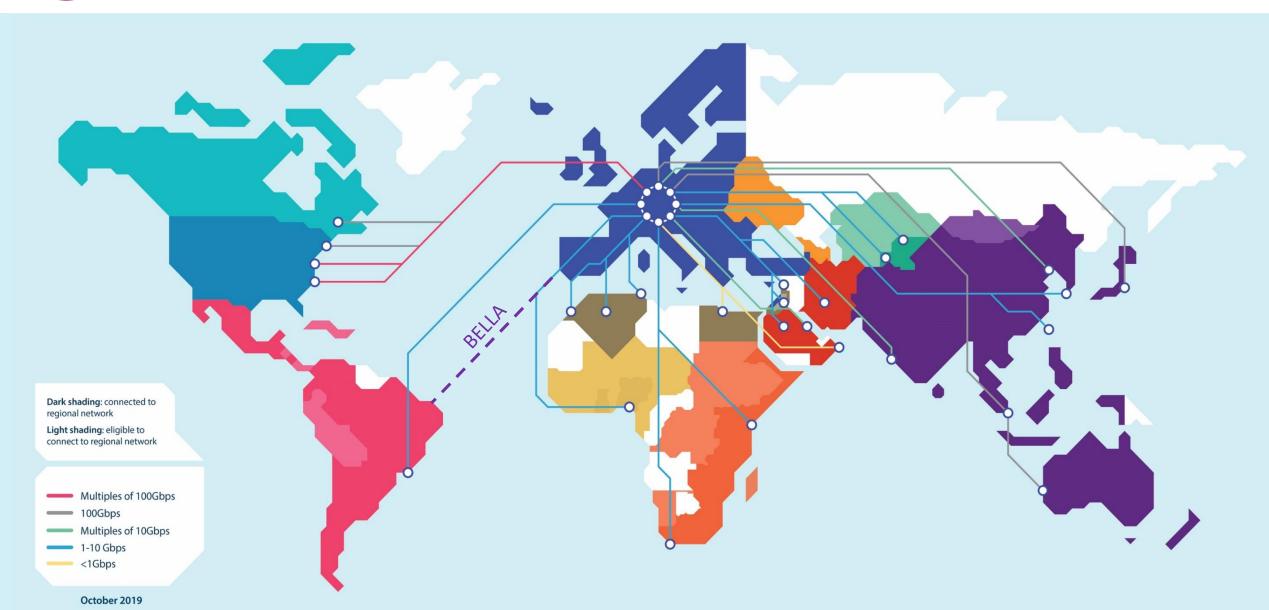
Planned network (2023)



International Connectivity



This map is produced as part of the GÉANT Specific Grant Agreement GN4-3 (No. 856726), that has received funding from the European Union's 2020 research and innovation programme under the GÉANT2020 Framework Partnership Agreement (No. 653998). The content of this document is the sole responsibility of GÉANT and can under no circumstances be regarded as reflecting the position of the European Union.





Supporting R&E Beyond Connectivity

















R&E Networks Respond to User Needs in the face of COVID-19







Learning Management Systems | [User Guide]



Doc Sharing | [User Guide]



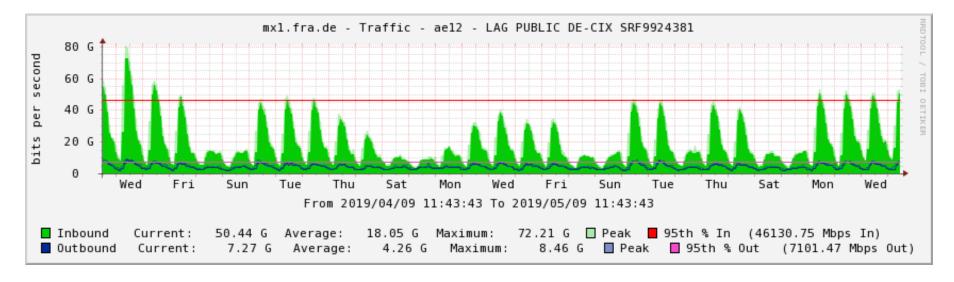
Interactive Data Analysis | [User Guide]

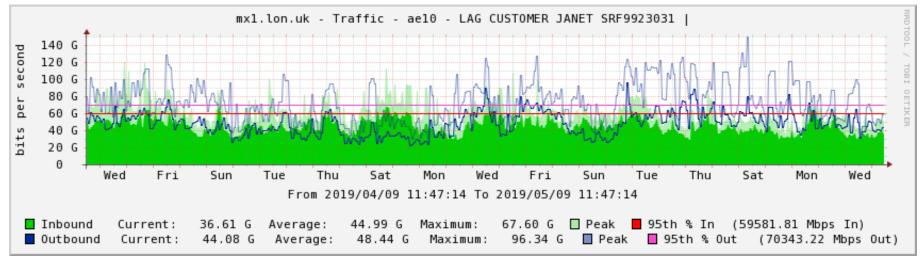


Real-Time Interactions | [User Guide]



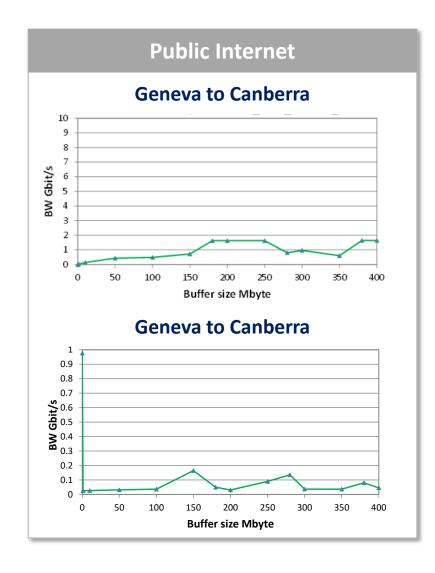


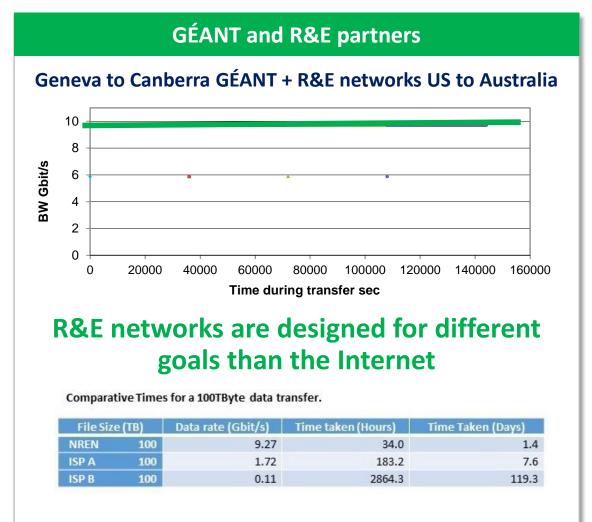






Optimised for research data transfers (2017)









BELLA – Supporting Astronomy Collaboration





Source: https://sochias.cl/astronomia-en-chile/observatorios-astronomicos/



ESO Very Large Telescope (VLT). Credit: ESO/B. Tafreshi (twanight.org)



ESO. Credit: ESO/S. Brunier



ALMA. Credit: ESO/C. Malin



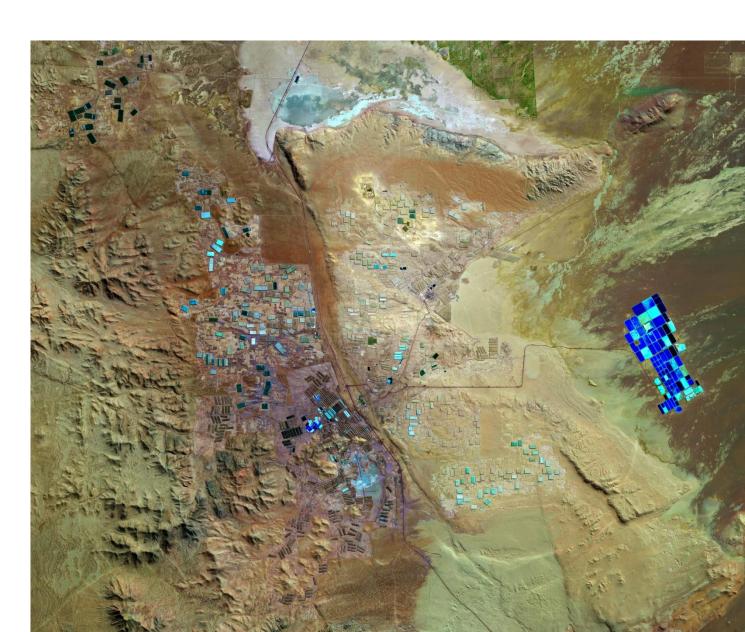
BELLA – Supporting Copernicus Earth Observation

26 June 2019

Iodine mining in Chile's Atacama Desert

Allows governments to see the effects of pollution, economic development and resource production estimation







BELLA – Supporting Copernicus Earth Observation

16 June 2020

shows parts of the Ica, Ayacucho and Arequipa Regions in the Peruvian Andes

Knowing about the flows of water means that fresh water and irrigation can be managed for or by the local government to ensure peoples way of life is not disrupted by climate change







Thank you

Any questions?

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