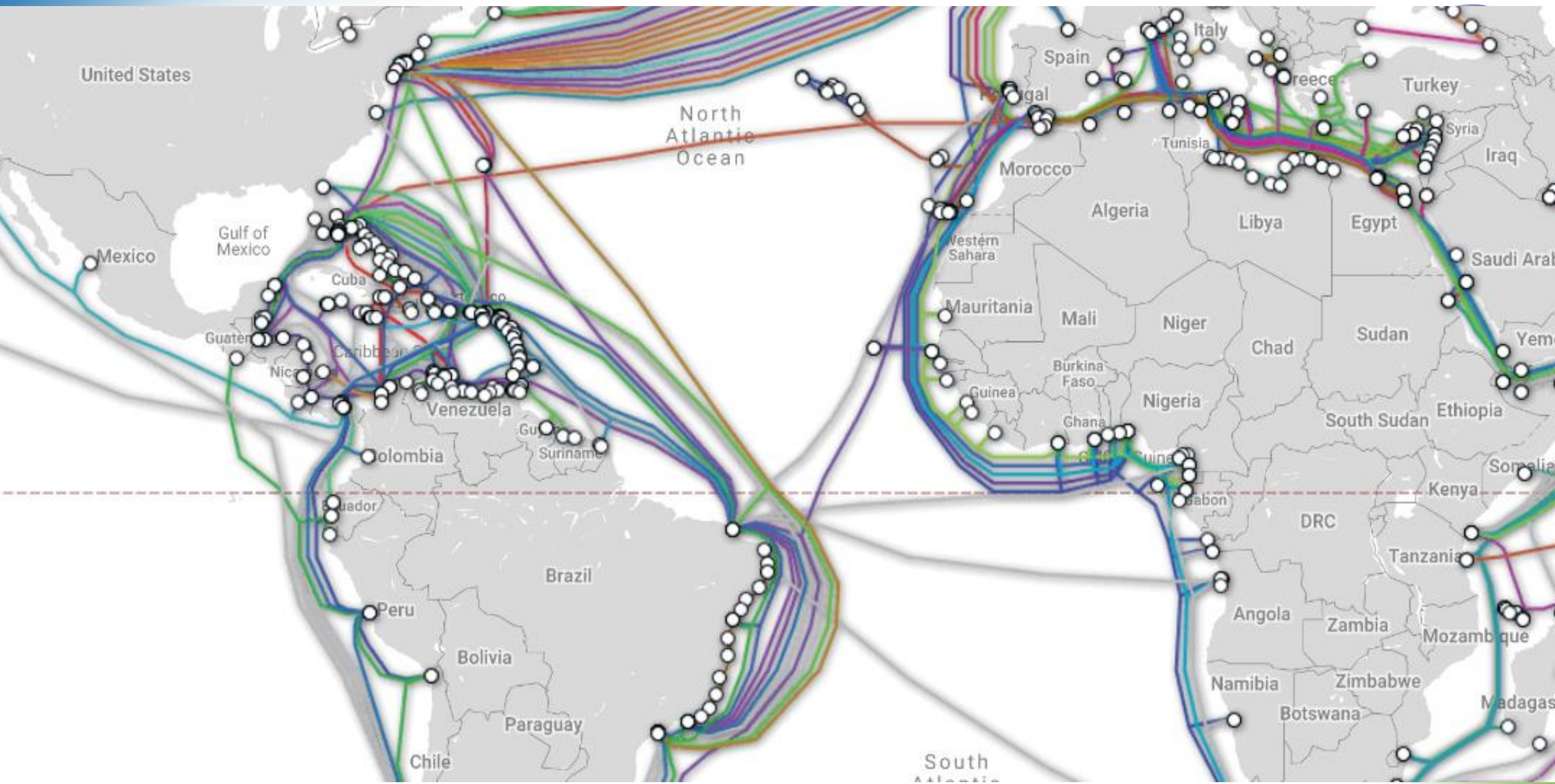




BELLA

Connecting Europe and Latin America for the next 25 Years

Annabel Grant | GÉANT | 07-05-18 | Portuguese–Spanish Workshop on Research and Education Networks and E-Science



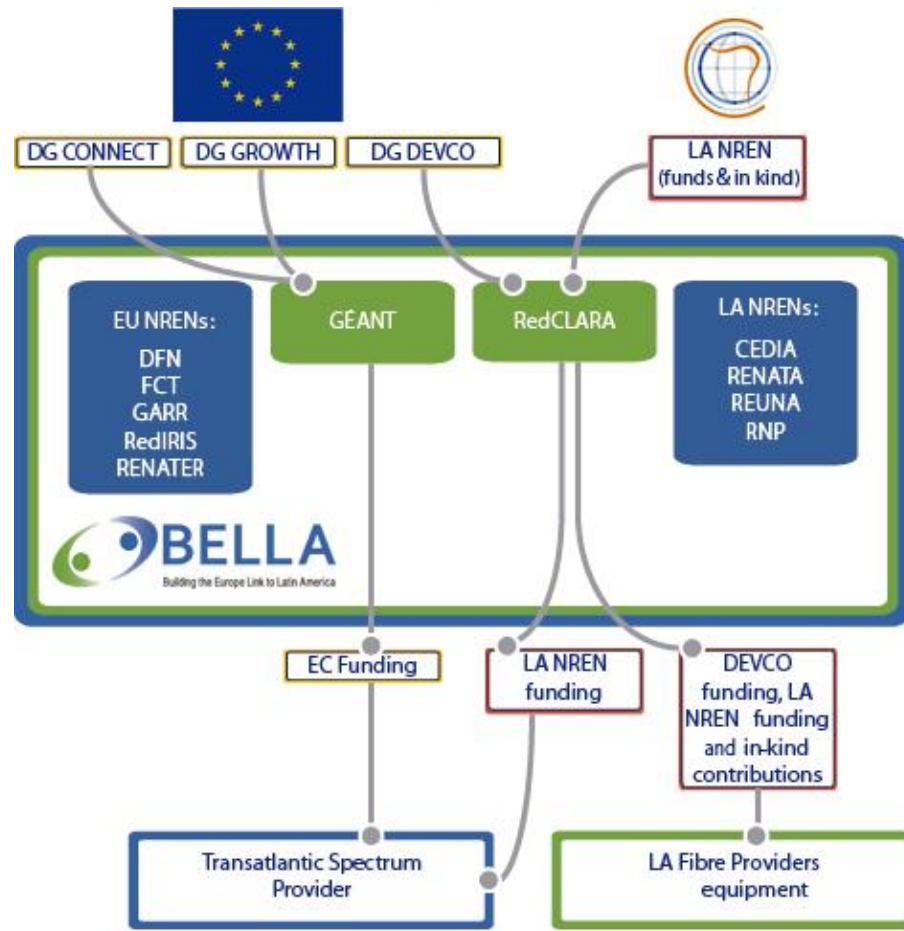
BELLA Programme

Addressing the Challenge



- BELLA addresses the R&E connectivity challenge between Europe and Latin America by:
 - Procuring spectrum on the direct submarine cable between Europe and Brazil; including:
 - Will initially deploy two upgradeable 100Gbps links to meet GÉANT-RedCLARA and Copernicus needs
 - Enable deployment of additional links at 100Gbps when required
 - Completing the RedCLARA dark fibre network and deploying a 100Gbps upgradeable network from Brazil to Colombia

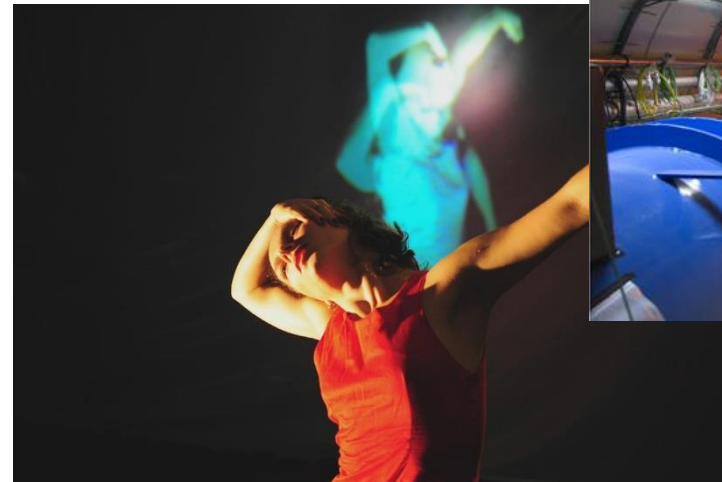
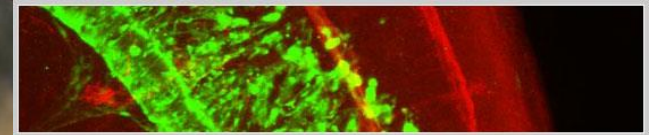
Funding and Building BELLA



- Implemented by the BELLA Consortium
- Funding provided by:
 - European Union:
 - DG CONNECT
 - DG GROWTH
 - DG DEVCO
 - Latin American NRENs
- Procurement completed. Intent to Award contract formally announced and contract signature in preparation
- Cable Construction to be completed in 2020

BELLA: Benefiting R&E

- Collaboration Areas which will benefit from BELLA:
 - High Energy Physics
 - Molecular Biology
 - Environment and Climate Change
 - The Arts



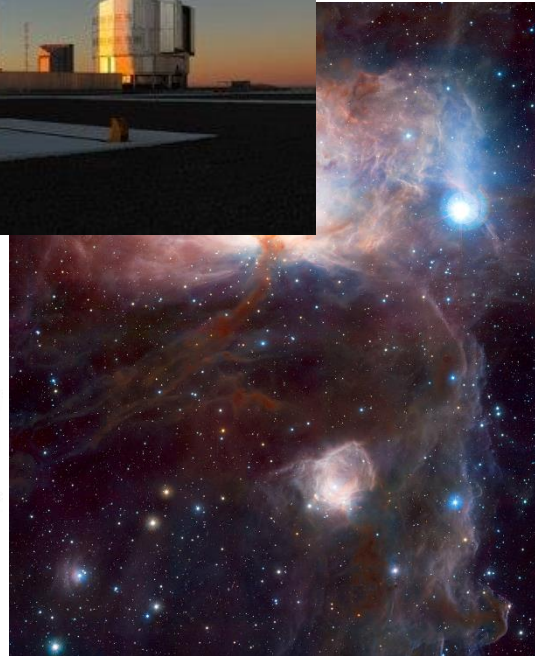
BELLA: Benefiting R&E – Astronomy Collaboration



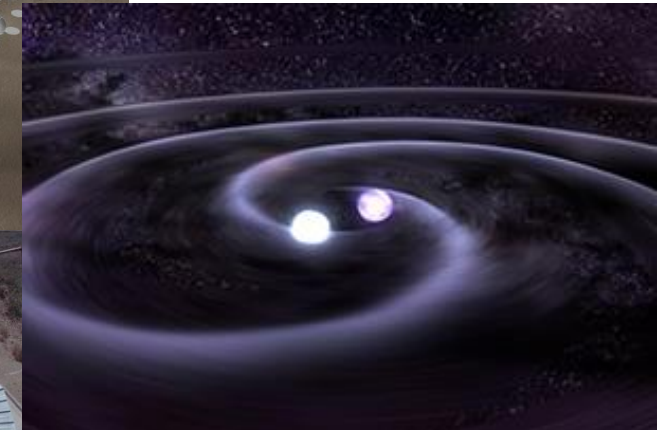
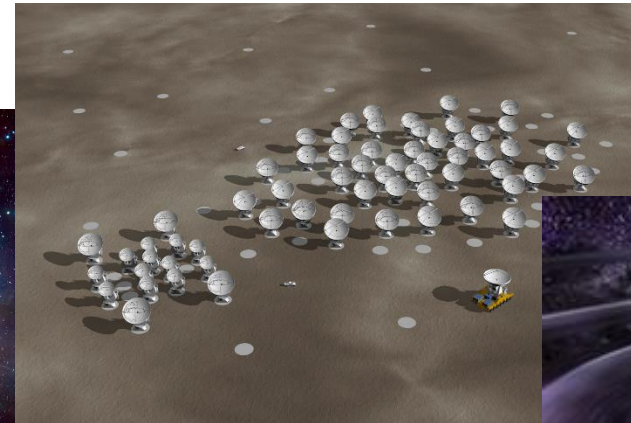
Cerro Paranal



E-ELT



ALMA



Pierre Auger Observatory



Thank you

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