



Internet in LA: History, Present and Challenges

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This project is funded
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A project implemented
by CLARA

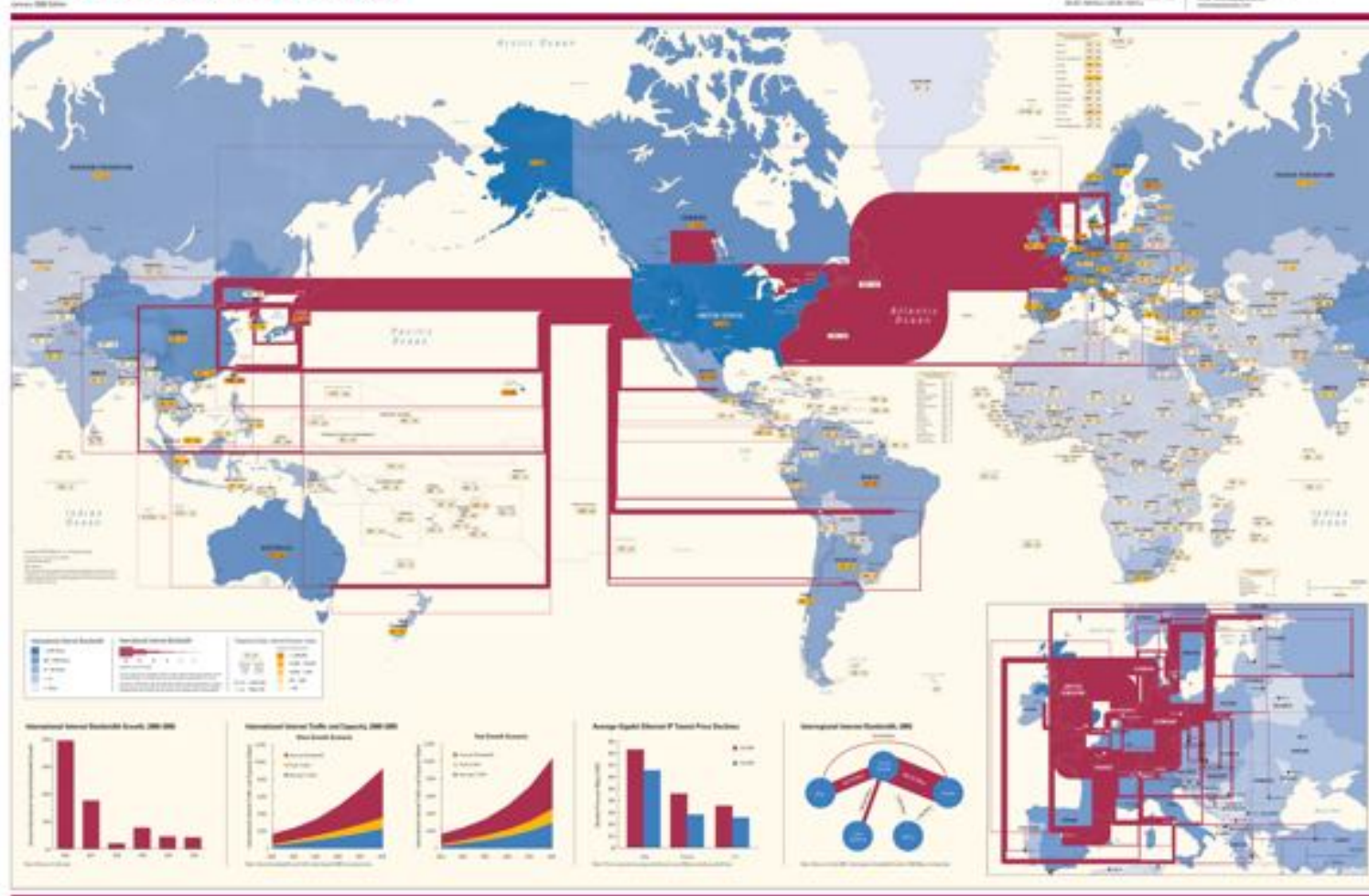


Milestones

- First Connectivity to NSFNet: 1989, Monterrey Tech
- First NRENs: RNP connected in April 1991, REUNA in January 1992
- Commercialization in 1995
- Creation of LACNIC: Agreement reached in 1999, established 2001
- RedCLARA established in 2003
- First Root Server in LA: 2005
- LACTLD established in 2008

Current Internet Traffic

Global Internet Map



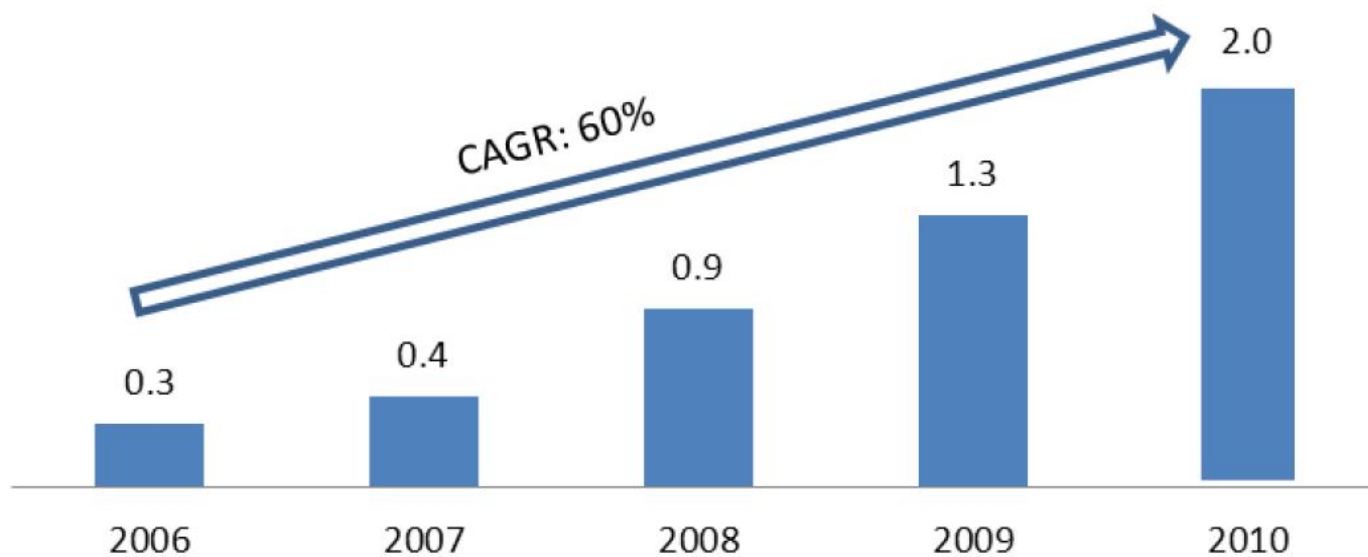
Source: Telegeography



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Traffic Growth

South America International Internet Bandwidth (Tbit/s)

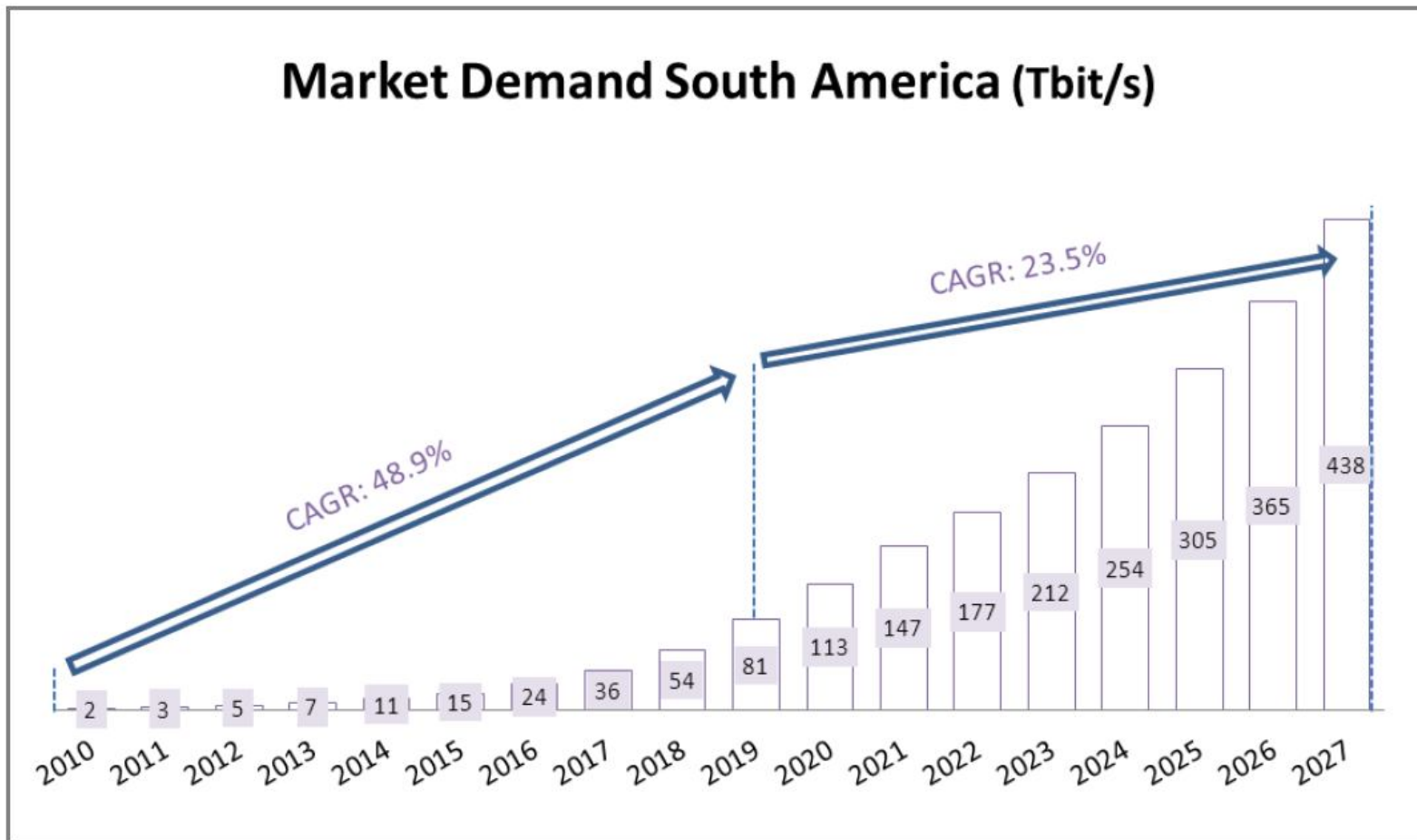


Source: UIT



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Traffic Forecast



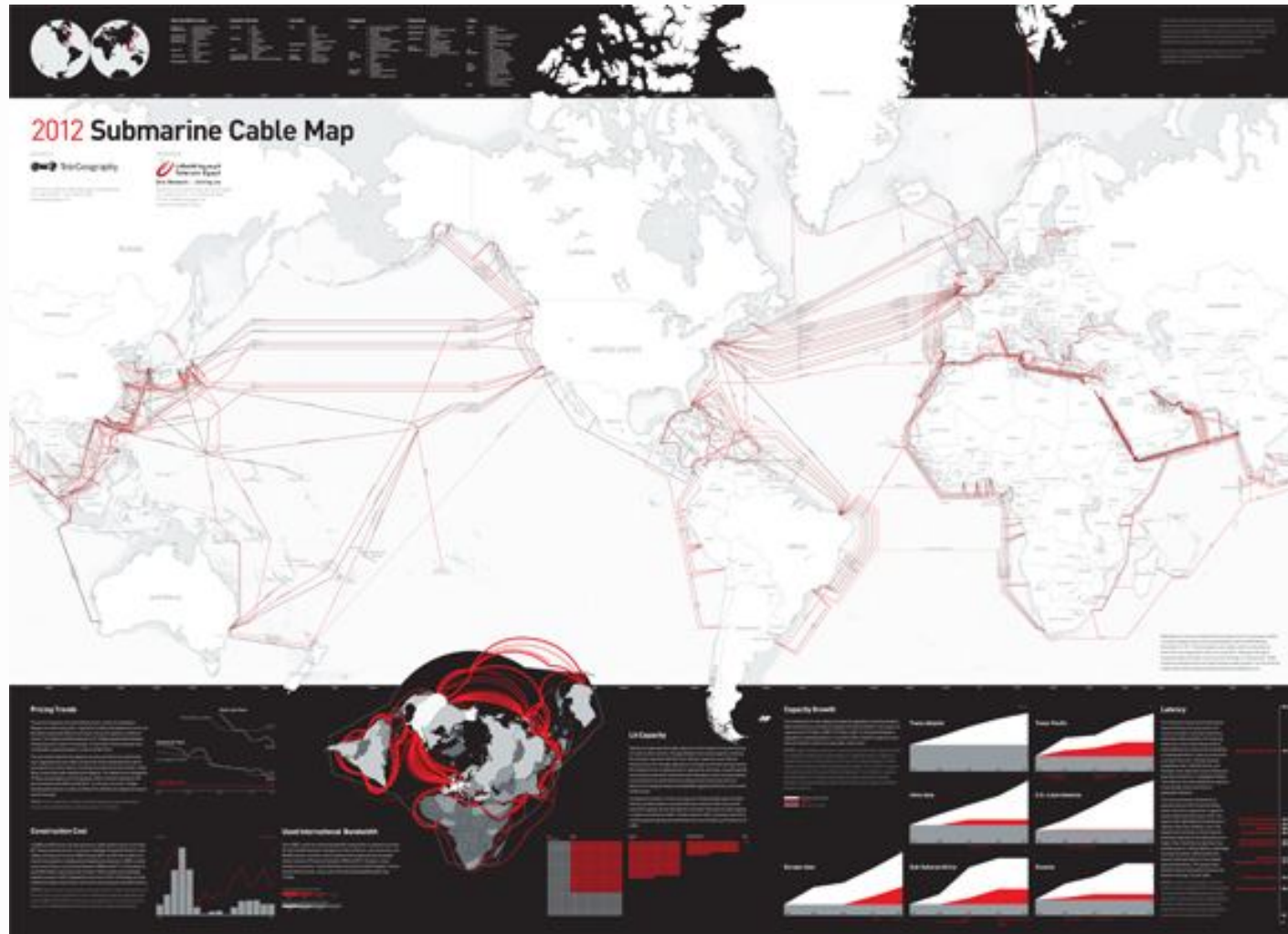
Source: ELLA Study



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Current Submarine Cable Situation



Source: Telegeography



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Key Challenges

- Broadband penetration and inclusion
- Strengthening the Regional Academic Network (RedCLARA) to become a full Dark Fibre Network
- Developing a real LA Network through multiple cross border country interconnections
- Establishing a redundant set of connections to the outside world, including direct submarine cable connections to other continents: Africa, Asia Pacific and Europe.



<http://www.redclara.net>



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