



Chile
en marcha



DEVELOPMENT BANK
OF **LATIN AMERICA**

Asia-South America Digital Gateway

Asia-South America Digital Gateway



A new digital bridge to connect Asia y South America

~24.000 km
Fiber Optic System


4 - 8 pairs
Fiber optic

Consortium
Public-Private

25-30 years
Operation



Asia-South America Digital Gateway

- 
- A new digital bridge connecting Asia to South America, that is set to promote digital possibilities in the south Pacific through a submarine fiber optic cable
 - A new route that will become the first to establish a direct digital link from South America to Asia
 - An alternative for redundancy and backup of cables currently in operation
 - SUBTEL and CAF call for a feasibility study to define the best alternative for implementing the cable

Asia-South America Digital Gateway

Feasibility Study approaches main topics

SUPPLY & DEMAND



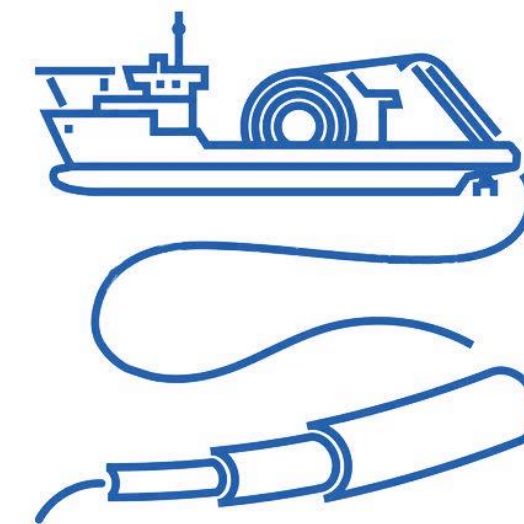
- Traffic and demand forecast
- Emerging technologies, leading companies, markets of interest
- Projection of current offer of submarine cables

REGULATION & GOVERNANCE



- Assessment of Public Private Partnerships Models (PPP)
- Regulatory frameworks of countries to be included
- Cable operation model and consortium establishment.

ENGINEERING



- Submarine cable engineering
- Technical specifications
- Associated costs

BUSINESS CASE



- Investment and profitability for investors
- Strategy for participant entities (public or private)
- Risk analysis and management

Asia-South America Digital Gateway

Report No. 1

- Global demand potential by country
- Disruptive demand (model companies vs. company under study)
- Autonomous demand by country
- Aggregation of the various sources of demand
- Demand share (Gbps captured by the project)
- Demand for datacenters and new technologies
- Demand for transit and backup
- Preliminary design of several routes
- Identification of technological alternatives
- Study guidelines (governance)
- Comparative Case Studies. Routes Proposal.
- Telecom context and regulatory analysis of possible participating countries.

Report No. 2

- Global analysis of the current offer
- Technical analysis and traffic projection in existing and projected cables.
- Study of prices and products offered
- Proposal of price and product to offer
- Technical design corrected with supplier information
- Preliminary Capex and Opex for the routes under study
- PPP models
- Business cases and evaluation of diverse routes
- Route proposal (best option)

Final Report

- Detailed engineering on selected route with information supplied by two providers
- Detailed Capex and Opex for the selected route (more precise estimation)
- PPP and business case fine-tuned to selected route

Asia-South America Digital Gateway

Budget

USD 3.000.000.-

- **Report No. 1:** USD 750.000.-
- **Report No. 2:** USD 750.000.-
- **Final Report:** USD 1.500.000.-

Deadlines

- **Call and Publication:** July 15, 2019
- **Questions:** July 26, 2019
- **Answers:** August 1, 2019
- **Submission deadline:** August 16, 2019
- **Award:** September 2, 2019
- **Report No. 1 :** November 4, 2019
- **Report No. 2 :** December 27, 2019
- **Final Report :** June 24, 2020



puertadigital@subtel.gob.cl

<http://www.subtel.gob.cl/puertadigital>



digitalgateway@subtel.gob.cl

<http://www.subtel.gob.cl/digitalgateway>