

TC ABSTRACT

I. Basic project data

- **Country/Region:** Regional
- **TC Name:** Development of a broadband index and a balance score card
- **TC Number:** RG-T2083
- **Team Leader/Members:** Antonio García Zaballos (SCL/SCT), Team Leader and Sandra Ortega (SCL/SCT).
- **Indicate if:** Knowledge generation & dissemination.
- **Date of TC Abstract:** November 30th, 2011
- **Beneficiary:** Latin America and the Caribbean (LAC)
- **Executing Agency:** Science and Technology
- **IDB Funding Requested:** US\$500.000
- **Disbursement period:** 18 Months
- **Execution period:** 24 Months
- **Required start date:** January 1st, 2012
- **Types of consultants:** Firm
- **Prepared by Unit:** Science and Technology
- **UDR:** Social Sector - SCL
- **Included in Country Strategy (y/n); TC included in CPD (y/n):** This is a project for regional integration.
- **GCI-9 Sector Priority:** This project contributes to competitive and global international integration (a GCI-9 sector priority)

II. Objective and Justification

This Regional Initiative aims to develop and maintain, in an interactive, user friendly web-based platform, key indicators to measure progress in broadband development, for all countries of the Region. The identified indicators will have two dimensions: (i) Ecosystem (regulatory frameworks, public policies, business climate) and (ii) Infrastructure (access, capabilities, network availability). Through the analysis of the identified indicators recommendations will be provided on the specific actions that should be taken by Governments at a regional and country by country basis to accelerate the penetration and usage of broadband services.

III. Description of activities

As it has been stated before, the objective of this regional project is to come up with a broadband index which allows us to make a ranking on the status quo within the region and the actions to be taken looking at variables such as:

Ecosystem dimension:

- Laws relating to ICT
- Burden of government regulation
- Intellectual property protection
- ICT Competition

- Intensity of local competition
- Capacity of innovation
- Procedures to start a business
- Procedures to enforce a contract
- Efficiency of legal framework

Infrastructure dimension:

- Households with a PC
- Secure internet server density
- Electricity production
- International Internet Bandwidth
- Mobile subscriptions with data access
- Fixed telephone lines
- Internet access in schools
- Availability of scientists and engineers
- Local availability of specialized research and training services
- Government procurement of advanced technology

The activities to be developed are the following:

- Activity 1: Identification of key variables and information gather
- Activity 2: Design of the index, taking special account of the weights associated to each variable
- Activity 3: Scattering plot, showing the state of the art in the four regions: (i) Caribbean, (ii) Central America, (iii) Andean countries, and (iv) South Cone.
- Activity 4: Identify actions to be taken at regional and country by country basics
- Activity 5: Develop a balance scorecard, giving specific recommendations on the variables included within the ecosystem dimension (ICT Policies / Regulations, Market Dynamism, Business climate) and the infrastructure dimension (Network infrastructure, access and capabilities)
- Activity 6: Publish a report with the results and the methodology followed.

IV. Budget

Indicative Budget

Activity/Component	Description	IDB/Fund Funding	Counterpart Funding	Total Funding
Development of a broadband index which ranks the broadband adoption within the region and in country by country basics.		300.000	25.000	325.000
- Activity 1: Identification of key variables and information gather		50.000	15.000	65.000
- Activity 2: Design of the index		200.000	0	200.000

- Activity 3: Scattering plot, showing the state of the art in the four regions: (i) Caribbean, (ii) Central America, (iii) Andean countries, and (iv) South Cone.		50.000	10.000	60.000
Development of balance scorecard		200.000	25.000	225.000
- Activity 4: Identify actions to be taken at regional and country by country basics		50.000	25.000	75.000
- Activity 5: Develop a balance scorecard		100.000	0	100.000
- Activity 6: Publication of a report		50.000	0	50.000

V. Executing agency and execution structure

After the meeting from the Ministries of Telecommunications organized in Brazil in November, 28th and 29th the IDB received the mandated of conducting feasibility studies and documents which helps to specify the state of the art in the region and provide recommendations on actions to accelerate the penetration and usage of broadband services.

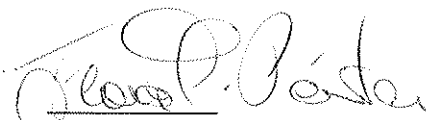
VI. Project Risks and issues

The major risk identified is the one related to the availability of information to make the case about the best way in which the broadband infrastructure should be deployed to accelerate the penetration and usage in the region. To mitigate the risk, we will look for external sources of information and conduct the required estimations to come up with a proxy.

VII. Environmental and Social Classification

There is not special environmental and social risk, just those standards of any study.

Approval



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SCT/CHF