

**BUILDING CAPACITY IN THE ECONOMICS OF BIODIVERSITY AND
ECOSYSTEM SERVICES**

RG-T2344

CERTIFICATION

I hereby certify that this operation was approved for financing under the Special Program for Biodiversity and Ecosystem Services (BIO) through a communication dated May 28, 2013 and signed by Gerhard Lair (ORP/GCM). Also, I certify that resources from the Special Program for Biodiversity and Ecosystem Services (BIO) are available for up to US\$200,000 in order to finance the activities described and budgeted in this document. This certification reserves resources for the referenced project for a period of four (4) calendar months counted from the date of eligibility from the funding source. If the project is not approved by the IDB within that period, the reserve of resources will be cancelled, except in the case a new certification is granted. The commitment and disbursement of these resources shall be made only by the Bank in US dollars. The same currency shall be used to stipulate the remuneration and payments to consultants, except in the case of local consultants working in their own borrowing member country who shall have their remuneration defined and paid in the currency of such country. No resources of the Fund shall be made available to cover amounts greater than the amount certified herein above for the implementation of this operation. Amounts greater than the certified amount may arise from commitments on contracts denominated in a currency other than the Fund currency, resulting in currency exchange rate differences, for which the Fund is not at risk.

(original signed)

June/20/2013

Sonia M. Rivera
Chief
Grants and Cofinancing Management Unit
ORP/GCM

Date

APPROVAL

Approved: *(original signed)*

June/20/2013

Hector R. Malarin
Chief
Environment, Rural Development Disaster Risk
Management Division
INE/RND

Date

TC DOCUMENT

I. Basic Information for TC

- Country/Region: REGIONAL
- TC Name: BUILDING CAPACITY IN THE ECONOMICS OF BIODIVERSITY AND ECOSYSTEM SERVICES
- TC Number: RG-T2344
- Associated Loan/Guarantee Name: n/a
- Associated Loan/Guarantee Number: n/a
- Team Leader: Maria Claudia Perazza (INE/RND); Team members: Fernando Miralles (INE/WSA); Rosana Brandao (INE/TSP); Lorena Rodriguez Bu (KNL/KNM); Juan Jose Miranda Montero (INE/RND); Ashley Camhi (INE/RND); Benedicte De Waziers (INE/RND); Eirivelthon Lima (RND/CPE); Javier Bedoya Denegri (LEG/SGO); and Rosario Gaggero (INE/RND)
- Research and Dissemination
- Date of TC Abstract authorization: May 28, 2013
- Donors providing funding: Fund for Biodiversity and Ecosystem Services Special Program
- Beneficiary: REGIONAL
- Executing Agency and contact name: IDB; Maria Claudia Perazza INE/RND
- IDB Funding Requested: US\$200,000 (Special Program for Biodiversity and Ecosystem Services)
- Local counterpart funding, if any: n/a
- Execution period: 9 months
- Disbursement period (which includes execution period): 12 months
- Required start date: June 2013
- Types of consultants (firm or individual consultants): firm
- Prepared by Unit: INE/RND
- Unit of Disbursement Responsibility : INE/RND
- TC Included in Country Strategy: n/a; TC included in CPD: n/a
- GCI-9 Sector Priority: Poverty reduction and equity enhancement; climate change, sustainable (including renewable) energy, and environmental sustainability

II. Objectives and Justification

The Latin America and Caribbean (LAC) Region has been deemed the superpower of biodiversity because it is the Region with the most natural capital in the world. It possesses a vast array of terrestrial, freshwater, coastal, and marine ecosystems representing many of the earth's biomes. This natural capital supports ecosystem services that serve as the base for livelihoods, economies, and civilizations. Ecosystem services, such as soil fertility, pollination, pest control and scenic beauty, are the primary inputs for productive sectors key to LAC economies. These services directly support sectors such as agriculture, fisheries, forestry and tourism which together account for 15% of GDP for the Region on average, reaching beyond the 35% mark in the poorest countries, while employing 17% of its labor force and contributing an average of 50% of total exports. In order to create an environment where both economies and biodiversity continue to thrive together, the Region must face the challenge of fully utilizing the comparative advantage provided by its biodiversity and ecosystem services for sustainable and inclusive development.

The IDB has a history of investments in biodiversity and ecosystem services. Nevertheless, a 2011 review conducted by an Independent Advisory Group on Sustainability (IAG) found that, while the Bank has performed adequately with respect to the implementation of its environmental and social safeguard provisions, it needs to further mainstream sustainability considerations into its work and place equal weight on biodiversity and ecosystem services as on climate change. Awareness of biodiversity and ecosystem services and their contribution to sustainable productive sectors and infrastructure are limited both externally and within the Bank, resulting in missed investment opportunities. With a few exceptions the Bank's stakeholders including policy makers, the private sector, and civil society as well as the Bank's own staff, have an incipient understanding of the value of the Region's natural capital as a competitive advantage for sustainable and climate-resilient development. There is a need to generate knowledge and build capacity on biodiversity and ecosystem services in LAC, their economic value, and challenges and opportunities for sustainable development. With regards to these challenges, this TC proposes to build capacity within the IDB and its member countries on the economics of biodiversity and ecosystem services through a series of trainings targeting economists, water specialists, and transport specialists with the Bank and representatives of the IDB's executing agencies in the water and transport sectors. Economists, water specialists, and transport specialists will be targeted initially because of the high dependence and impact of those sectors on biodiversity and ecosystem services. This targeted capacity building is expected to generate demand for new investment products from the Bank, including in areas such as green transport infrastructure and ecosystem-based water and sanitation systems.

The proposed TC will contribute to the following GCI-9 lending program priority targets: (i) poverty reduction and equity enhancement, as the TC will create new opportunities for sector specialists and their counterparts to integrate biodiversity and ecosystem services into their work in critical economic sectors that support sustainable development and (ii) climate change, sustainable (including renewable) energy, and environmental sustainability, as the TC will focus on illuminating areas of how existing work in economics, transport, and water can further integrate the economic value of biodiversity and ecosystem services into those sectors within the LAC Region. In addition, the proposed TC will contribute to the sector priority, "Protect the environment, respond to climate change, promote renewable energy, and ensure food security." Lastly, the proposed TC supports the Biodiversity and Ecosystem Services Program, as the TC will contribute to one of the main goals of the Program, to increase capacity within the IDB and its member countries on the economics of biodiversity and ecosystem services.

III. Description of activities/components and budget

Expected outputs and results are fully consistent with the IDB's Biodiversity and Ecosystem Services Program¹.

The proposed TC project entails the following activities, outputs and results:

Activity 1. Methods of environmental economic analysis

¹ <http://idbdocs.iadb.org/wsdocs/getDocument.aspx?DOCNUM=37444118>

This activity will consist of a one-day training for IDB economists (from DC and country offices-via videoconference) on methods of environmental economic analysis.

Specific Activities:

- Selection of environmental economic methods to include in training
- Instructor Recruitment
- Curriculum Development (lectures, case studies, exercises, background reading materials)
- Preparation of workshop handouts
- Execution of workshop

Activity 2. Economics of Biodiversity and Ecosystem Services in the Water Sector

This activity will consist of a three-day training for IDB water specialists (from DC and country offices) and executing agency representatives (from CAN, CCB, and CID countries) in the IDB's DC office on the economics of biodiversity and ecosystem services in the water sector.

The curriculum of this training will focus on the context of the water sector and will include: economic fundamentals; natural resource economics and institutions in LAC; economic valuation of biodiversity and ecosystem services; environmental impact evaluation; policies, governance and economic incentives; and integrated environmental-economic project appraisal in the water sector.

Specific Activities:

- Design Course Agenda and select modules
- Instructor Recruitment
- Curriculum Development (lectures, case studies, exercises, background reading materials)
- Preparation of workshop handouts
- Execution of workshop

Activity 3. Economics of Biodiversity and Ecosystem Services in the Transport Sector

This activity will consist of a three-day training for IDB transport specialists (from DC and country offices) and executing agency representatives (from CAN, CCB, and CID countries) in the IDB's DC office on the economics of biodiversity and ecosystem services in the transport sector.

The curriculum of this training will focus on the context of the transport sector and will include: economic fundamentals; natural resource economics and institutions in LAC; economic valuation of biodiversity and ecosystem services; environmental impact evaluation; policies, governance and economic incentives; and integrated environmental-economic project appraisal in the transport sector.

Specific Activities:

- Design Course Agenda and select modules
- Instructor Recruitment

- Curriculum Development (lectures, case studies, exercises, background reading materials)
- Preparation of workshop handouts
- Execution of workshop

Indicative Results Matrix

Project Activity	Outputs	Results
General		TC General Outcome: Strengthening of knowledge and skills related to biodiversity and ecosystem services in economics, water, and transport.
Activity 1: Methods of environmental economic analysis	<u>Output 1A</u> : One 1 day training <u>Output 1B</u> : 15 IDB economists trained <u>Output 1C</u> : 1 replicable curriculum in environmental economic methods	<u>Outcome 1</u> : IDB economists have a clear understanding of the environmental economic methods available to them that can be incorporated into their project work.
Activity 2: Economics of Biodiversity and Ecosystem Services in the Water Sector	<u>Output 2A</u> : One 3 day training <u>Output 2B</u> : 10 IDB water specialists (HQ and COF) trained <u>Output 2C</u> : 5 executing agency representatives (from CAN, CCB, and CID countries) trained <u>Output 2D</u> : 1 replicable curriculum in the economics of biodiversity and ecosystem services in the water sector	<u>Outcome 2A</u> : IDB water specialists and their counterparts have a clear understanding of the way that biodiversity and ecosystem services influence and impact their work in the water sector. <u>Outcome 2B</u> : IDB water specialists and their counterparts have a clear understanding of how they can incorporate the economics of biodiversity and ecosystem services into their project work.
Activity 3: Economics of Biodiversity and Ecosystem Services in the Transport Sector	<u>Output 3A</u> : One 3 day training <u>Output 3B</u> : 10 transport specialists (HQ and COF) trained <u>Output 3C</u> : 5 executing agency representatives (from CAN, CCB, and CID countries) trained <u>Output 3D</u> : 1 replicable curriculum in the economics of biodiversity and ecosystem services in the transport sector	<u>Outcome 3A</u> : IDB transport specialists and their counterparts have a clear understanding of the way that biodiversity and ecosystem services influence and impact their work in the transport sector. <u>Outcome 3B</u> : IDB transport specialists and their counterparts have a clear understanding of how they can incorporate the economics of biodiversity and ecosystem services into their project work.

Indicative Budget

Activity/Component	Description	IDB/Fund Funding US\$	Counterpart Funding	Total Funding US\$
Activities				
1. Methods of environmental economic analysis	Design and execution of a one day workshop for IDB economists in the DC office and country offices (able to access via videoconference), conducted in the DC office focusing on methods of environmental economic analysis.	25,000		25,000
2. Economics of Biodiversity and Ecosystem Services in the Water Sector	Design and execution of a 3-day training for IDB water specialists in the DC office and country offices and executing agency counterparts, conducted in the DC office focusing on the role of the economics of biodiversity and ecosystem services in the water sector.	55,000		55,000
3. Economics of Biodiversity and Ecosystem Services in the Transport Sector	Design and execution of a 3-day training for IDB water specialists in the DC office and country offices and executing agency counterparts, conducted in the DC office	55,000		55,000

	focusing on the role of the economics of biodiversity and ecosystem services in the transport sector.			
Support to IDB country staff and representatives of executing agencies	Transportation, per-diem, and hotel expenses for IDB staff from country offices and representatives from executing agencies.	65,000		65,000
TOTAL		US\$200,000		US\$200,000

IV. Executing agency and execution structure

Given the strategic objectives of the TC and its regional nature, the TC will be executed by the Bank. Additionally, the Bank is able to create capacity, serve as a fomenter of knowledge and innovation, and impact policy on multiple scales within the Region, thus making the regional coordination of the IDB a necessary aspect of this TC. As a result, for the selection and contracting consulting services Corporate Procurement Policies (GN-2303-20) will apply. The Bank may directly contract the Conservation Strategy Fund (CSF) because it is the leading organization dedicated to training project managers and policy makers in integrating the economic value of biodiversity and ecosystem services into key economic and productive sectors. CSF has considerable experience working in the LAC Region, with offices in Bolivia and Brazil and staff in Costa Rica, Colombia, and Peru. In addition, CSF is the 2012 recipient of the McArthur Foundation's award for creative and effective institutions (<http://conservation-strategy.org/>). The single source selection of CSF is according to paragraph 5.13 A 1 of document GN-2303-20.

In summary, the IDB can directly contract CSF for the unique requirements of this consultancy because it offers: (a) trainings that equip every participant with a solid understanding of economic fundamentals, fluency in the language of economics, and an ability to identify the best opportunities to apply the economics of biodiversity and ecosystem services in economic and productive sectors; (b) in depth independent expertise of exceptional worth in the area of conservation as it relates to water and infrastructure, particularly transport; and (c) access to leading environmental and natural resources economists in biodiversity, conservation, and ecosystem services. As such, CSF is uniquely positioned amongst peers for conducting a rigorous training program for the Biodiversity and Ecosystem Services Program.

V. Major issues

The only risk is a low level of attendance of the trainings. In order to mitigate this risk, the trainings will be well advertised and funding will be provided for specialists in country offices and executing agency representatives to attend the water and transport trainings.

VI. Exceptions to Bank policy

N/A

VII. Environmental and Social Strategy

It is not anticipated that the activities to be financed in this TC will have negative direct or indirect social or environmental effects. Following ESG's project classification process (Safeguard Policy Filter and Safeguard Screening Form) requirements, it has been

determined that this project falls under Category C. No environmental assessment studies or consultations are required for Category "C" operations.

Annexes:

Annex I - Terms of Reference

Annex II - Procurement Plan

Annex III - Sole Source Justification

Annex IV - Safeguards

**BUILDING CAPACITY IN THE ECONOMICS OF BIODIVERSITY AND ECOSYSTEM SERVICES
(RG-T2344)**

Terms of Reference

**Design and Execution of a Capacity Building Program on Biodiversity and
Ecosystem Services**

I. Background

- 1.1 According to UNEP (United Nations Environment Program), the Latin America and Caribbean region (LAC) is among the richest regions in biodiversity worldwide. South America, alone, accounts for half of the terrestrial biodiversity in the world, and the region includes some of the world's most biological diverse countries including Brazil, Colombia, Ecuador, Mexico, Peru and Venezuela and the most biologically diverse area (the eastern slope of the Andes). Twenty percent of the protected areas worldwide are located in LAC and 54% of the Caribbean flora cannot be found anywhere else on the globe. Additionally, the region contains close to 800 million hectares of forested areas, 570 million hectares of wild savannas, 700 million hectares of productive lands and 27% of the planet's available drinking water. Biodiversity is one of the region's most valuable assets and of strategic importance for overcoming poverty and attaining a long-term sustainable development model for LAC.
- 1.2 Following up on a recommendation of the Independent Advisory Group in 2011, the Inter-American Development Bank (IDB) has developed the Biodiversity and Ecosystems Services (BES) Program aimed at helping countries in the region to achieve more effective policies and investments in biodiversity conservation and the maintenance of ecosystem services, while opening new economic and business opportunities for enhancing the value of the region's natural capital as a contribution to sustainable development. The Program recognizes that: (i) Latin America and the Caribbean is among the most bio-diverse region in the world; and (ii) conserving biodiversity and the associated ecosystems services means maintaining ecosystem functions which are not only essential for growth in key economic sectors such as agriculture, but also are critical for stabilizing the world's climate and helping people adapt to unpredictable impacts from climate change. Ecosystem services such as water regulation recharge and filtration, flood mitigation, storm surge protection and carbon sequestration are becoming increasingly valuable given global climate change predictions.
- 1.3 The BES Program was presented to the Board in February 2013 and was launched at the Annual Meeting of Governors in Panama, March 2013. The Program has been included as an OC Special Program in the 2013 budget. Since the launch of

the Program there has been an increase in the demand of projects in Biodiversity and Ecosystem Services, necessitating this TC.

II. Consultancy objectives

- 2.1 IDB is seeking a firm, non-profit organization, or specialized training institution to design and execute three capacity building trainings for the Biodiversity and Ecosystem Services Program. More specifically, the objective of this project is to support IDB's efforts to create capacity internally on the information and tools necessary for the economic valuation of biodiversity and ecosystem services.
- 2.2 The scope of the project outlined in this proposal is to design and execute three capacity building trainings focused on internal staff in country offices and the DC office as well as their regional counterparts.
- 2.3 This proposal includes:
 - Component 1: Design and execution of a one day workshop for IDB economists in the DC office and country offices (able to access via videoconference), conducted in the DC office. The output of this component would be the successful execution of a day long workshop on the economics of biodiversity and ecosystem services. The topics will be decided on in cooperation with IDB staff and geared towards experienced economists.
 - Component 2: Design and execution of a multi-day training for IDB water specialists in the DC office and country offices and their regional counterparts, conducted in the DC office. The output of this component would be the successful execution of multi-day training focused on the role that the economics of biodiversity and ecosystem services play in the water sector. The curriculum for this training should be developed along with pertinent IDB staff and geared towards water specialists with little economic training.
 - Component 3: Design and execution of a multi-day training for IDB water specialists in the DC office and country offices and their regional counterparts, conducted in the DC office. The output of this component would be the successful execution of multi-day training focused on the role that the economics of biodiversity and ecosystem services play in the transport sector. The curriculum for this training should be developed along with pertinent IDB staff and geared towards transport specialists with little economic training.

III. CHARACTERISTICS OF THE CONSULTANCY

- 3.1 *Type of Consultancy*: This is short-term consultancy of a firm, non-profit organization, or training institution with a duration of 9 months.
- 3.2 *Qualifications*: Firm, non-profit organization, or specialized training institution with demonstrated experience and in-depth expertise in topics related to biodiversity conservation, economics, economic valuation tools, and natural resources and the environment, particularly in LAC. This includes aspects related to: (i) econometrics, (ii) policy and governance, (iii) statistics, (iv) theory, and

(iv) markets. Previous experience with multilateral institutions and projects is desirable in addition to experience designing and executing trainings. Extensive knowledge of the regional context for biodiversity and ecosystem services including is necessary.

- 3.3 Expertise required on team: expert(s) in training, capacity building and facilitating, expert(s) in natural resource/environmental economics, ecology, or related science; expert(s) in impact evaluation in natural resources management sector, and expert(s) in the economic valuation of biodiversity and ecosystem services.

IV. TASKS

- Task 1: Capacity building workshop for IDB economists executed in August 2013. Activities that will be the responsibility of the consulting firm include: 1) selection of topics for workshop with IDB staff; 2) instructor recruitment; 3) curriculum development (lectures, case studies, exercises, background reading materials) with review by IDB staff; 4) preparation of workshop handouts; and 5) workshop implementation.
- A one day capacity building workshop should be conducted at the IDB office in Washington D.C. The audience will be economists from the Washington office as well as country offices (who will be able to videoconference in). Curriculum must be designed taking into account the audience. Necessary materials should be provided in advance to participants. The topic of the workshop should be determined with IDB staff on the economics of biodiversity and ecosystem services and geared towards experienced economists.
- Task 2: Capacity building training for IDB water specialists executed in November 2013. Activities that will be the responsibility of the consulting firm include: 1) design course agenda and select modules in consultation with IDB staff; 2) instructor recruitment; 3) curriculum development (lectures, case studies, exercises, background reading materials) with review by IDB staff; 4) preparation of workshop handouts; and 5) workshop implementation.
- A multi-day training of water specialists from the DC and country offices and their regional counterparts should be conducted at the IDB office in Washington D.C. Curriculum must be designed taking into account the audience and focus on the role that the economics of biodiversity and ecosystem services play in the water sector. Necessary materials should be provided in advance to participants. The curriculum for this training should be developed along with pertinent IDB staff and geared towards water specialists with little economic training.
- Task 3: Capacity building training for IDB transport specialists executed in November 2013. Activities that will be the responsibility of the consulting firm include: 1) design course agenda and select modules in consultation with IDB staff; 2) instructor recruitment; 3) curriculum development (lectures, case

studies, exercises, background reading materials) with review by IDB staff; 4) preparation of workshop handouts; and 5) workshop implementation.

- A multi-day training of transport specialists from the DC and country offices and their regional counterparts should be conducted at the IDB office in Washington D.C. Curriculum must be designed taking into account the audience and focus on the role that the economics of biodiversity and ecosystem services play in the transport sector. Necessary materials should be provided in advance to participants. The curriculum for this training should be developed along with pertinent IDB staff and geared towards transport specialists with little economic training.

V. Reports and payments

- 5.1 At least two versions of each curriculum should be presented to IDB staff before execution of each workshop or training. Feedback from IDB staff should be incorporated into workshop and training curriculums.
- 5.2 Timeline (subject to change based on the start of the contract):
- June 2013: First version of curriculum for economists day long workshop
 - July 2013: Final version of curriculum for economists day long workshop
 - August 2013: Execution of day long workshop for economists
 - September 2013: First version of curriculum for water and transport trainings
 - October 2013: Final version of curriculum for water and transport trainings
 - November 2013: Execution of training for water experts
 - November 2013: Execution of training for transport experts
- 5.3 The consultancy services will be contracted for a lump-sum and will be paid in the following manner:
- 30% upon signature of the Consultancy Contract
 - 70% upon satisfactory delivery of products indicated in section 4

VI. Coordination

- 6.1 *Coordinator:* Responsibility for coordination of the Consultancy will rest with Maria Claudia Perazza (mariacp@iadb.org) (INE/RND) with the support of Ashley Camhi (ashleyc@iadb.org) (INE/RND).
- 6.2 *Department / Division:* Environment, Rural Development and Disasters Risk Management Division (INE/RND).

PROCUREMENT PLAN FOR NON-REBURSABLE TECHNICAL COOPERATIONS										
Country: Regional		Executing agency: IDB-ING/RND						Public or private sector: PUBLIC		
Project number: RG-T2344		Title of Project: BUILDING CAPACITY IN THE ECONOMICS OF BIODIVERSITY AND ECOSYSTEM SERVICES								
Period covered by the plan: 9 months (June 2013- March 2014)		Goods and services (in US\$):		Consulting services(in US\$):		135,000				
Item No.	Ref. AWP	Description (1)	Estimated contract cost (US\$)	Procurement Method (2)	Procurement (ex ante or ex post) (3)	Source of financing and percentage		Estimated date of the procurement notice or start of the contract	Technical review by the PTL (4)	Comments
						IDB/MIF %	Local/other %			
1		Component 1								
		Consulting services								
		Consulting service 1: 3 trainings	135,000 SSS		Ex-Post	100%	0%	Jun-13		
Total			135,000							
(1) Grouping together of similar procurement is recommended, such as computer hardware, publications, travel, etc. If there are a number of similar individual contracts to be executed at different times, they can be grouped together under a single heading, with an explanation in the comments column indicating the average individual amount and the period during which the contract would be executed. For example: an export promotion project that includes travel to participate in fairs would have an item called "airfare for fairs", an estimated total value of US\$5,000, and an explanation in the Comments column: "This is for approximately four different airfares to participate in fairs in the region in years X and X1".										
(2) Goods and works: CB: Competitive bidding; PC: Price comparison; DC: Direct contracting.										
(3) Consulting firms: CQS: Selection Based on the Consultants' Qualifications; QCBS: Quality and cost-based selection; LCS: Least Cost Selection; FBS: Selection under a Fixed Budget; SSS: Single Source Selection; QBS: Quality Based selection.										
(4) Individual consultants: IICQ: International Individual Consultant Selection Based on Qualifications; SSS: Single Source Selection.										
(5) Ex ante/ex post review: in general, depending on the institutional capacity and level of risk associated with the procurement, ex post review is the standard modality. Ex ante review can be specified for critical or complex process.										
(6) Technical review: The PTL will use this column to define those procurement he/she considers "critical" or "complex" that require ex ante review of the terms of reference, technical specifications, reports, outputs, or other items.										

Technical justification for the Conservation Strategy Fund to provide services in the design and execution the three capacity building workshops for the Biodiversity and Ecosystem Services Program

The services being sought are for exceptional quality technical expertise in advanced and economically grounded thinking on environment and natural resources policy from an independent institute of international standing with a robust track record of training in this field in LAC.

The IDB has a history of investments in biodiversity and ecosystem services. Nevertheless, a 2011 review conducted by an Independent Advisory Group on Sustainability (IAG) found that, while the Bank has performed adequately with respect to the implementation of its environmental and social safeguard provisions, it needs to further mainstream sustainability considerations into its work and place equal weight on biodiversity and ecosystem services as on climate change. Awareness of biodiversity and ecosystem services and their contribution to sustainable productive sectors and infrastructure are limited both externally and within the Bank, resulting in missed investment opportunities. With a few exceptions the Bank's stakeholders including policy makers, the private sector, and civil society as well as the Bank's own staff, have an incipient understanding of the value of the Region's natural capital as a competitive advantage for sustainable and climate-resilient development. There is a need to generate knowledge and build capacity on biodiversity and ecosystem services in LAC, their economic value, and challenges and opportunities for sustainable development.

This independent institute will be contracted to build capacity within the IDB and its member countries on the economics of biodiversity and ecosystem services through a series of trainings targeting economists, water specialists, and transport specialists with the Bank and representatives of the IDB's executing agencies in the water and transport sectors. Economists, water specialists, and transport specialists will be targeted initially because of the high dependence and impact of those sectors on biodiversity and ecosystem services. This targeted capacity building is expected to generate demand for new investment products from the Bank, including in areas such as green transport infrastructure and ecosystem-based water and sanitation systems.

Conservation Strategy Fund (CSF) is the leading organization dedicated to training project managers and policy makers in integrating the economic value of biodiversity and ecosystem services into key economic and productive sectors. CSF has considerable experience working in the LAC Region, with offices in Bolivia and Brazil and staff in Costa Rica, Colombia, and Peru. In addition, CSF is the 2012 recipient of the McArthur Foundation's award for creative and effective institutions (<http://conservation-strategy.org/>).

In summary, the IDB can directly contract CSF for the unique requirements of this consultancy because it offers: (a) trainings that equip every participant with a solid understanding of economic fundamentals, fluency in the language of economics, and an ability to identify the best opportunities to apply the economics of biodiversity and ecosystem services in economic and productive sectors; (b) in depth independent expertise of exceptional worth in the area of conservation as it relates to water and infrastructure, particularly transport; and (c) access to leading environmental and natural resources economists in biodiversity, conservation, and ecosystem services. As such, CSF is uniquely positioned amongst peers for conducting a rigorous training program for the Biodiversity and Ecosystem Services Program.

Select CSF trainings, publications, and projects on natural resource issues in Latin America and the Caribbean

Trainings

Economic Tools for Conservation - 2013 International Course

Herramientas Económicas para la Conservación en la Amazonía Andina, con énfasis en Pagos por Servicios Ambientales (PSA) - Colombia 2013

Ferramentas Econômicas para a Conservação e Planejamento de Infraestrutura na Amazônia - Formulário de Inscrição

Economía de las Represas Hidroeléctricas - La Paz, Bolivia

Economía de Usinas Hidroeléctricas

Oficina de Apoio à Elaboração de Planos de Negócios Socioambientais

Ferramentas Econômicas para a Conservação de Ecossistemas Tropicais - Mata Atlântica

Publications

The good, the bad, the inefficient: assessing dams with the HydroCalculator

How to make marine PES work

Filtro de carreteras: identificando proyectos viales de alto riesgo en la cuenca amazónica

Incentivos económicos para la conservación: Un marco conceptual

The cost of keeping forest in Northwestern Bolivian Amazon

Análisis económico de la carretera Pucallpa - Cruzeiro do Sul

Current Projects

Biodiversity Understanding in Infrastructure and Landscape Development (BUILD)

Fortalecimiento de capacidades institucionales para la aplicación de herramientas económicas para la conservación en proyectos de infraestructura – Colombia

Fortalecimiento de capacidades institucionales para la aplicación de herramientas económicas para la conservación en proyectos de infraestructura - Bolivia

SAFEGUARD POLICY FILTER REPORT

PROJECT DETAILS	IDB Sector		
	Type of Operation	Technical Cooperation	
	Additional Operation Details		
	Investment Checklist	Agribusiness Crops	
	Team Leader	Maria Claudia Perazza	
	Project Title	BUILDING CAPACITY IN THE ECONOMICS OF BIODIVERSITY AND ECOSYSTEM SERVICES	
	Project Number	RG-T2344	
	Safeguard Screening Assessor(s)	Camhi, Ashley L. (ASHLEYC@Contractual.iadb.org)	
	Assessment Date	2013-06-05	
	Additional Comments		
SAFEGUARD POLICY FILTER RESULTS	Type of Operation	Technical Cooperation	
	Safeguard Policy Items Identified (Yes)	The Bank will make available to the public the relevant Project documents.	(B.01) Access to Information Policy– OP-102
		The operation is in compliance with environmental, specific women's rights, gender, and indigenous laws and regulations of the country where the operation is being implemented (including national obligations established under ratified Multilateral Environmental Agreements).	(B.02)
		The operation (including associated facilities) is screened and classified according to their potential environmental impacts.	(B.03)
		Consultations with affected parties will be performed equitably and inclusively with the views of all stakeholders	(B.06)

		taken into account, including in particular: (a) equal participation of women and men, (b) socio-culturally appropriate participation of indigenous peoples and (c) mechanisms for equitable participation by vulnerable groups.	
		The Bank will monitor the executing agency/borrower's compliance with all safeguard requirements stipulated in the loan agreement and project operating or credit regulations.	(B.07)
		Suitable safeguard provisions for procurement of goods and services in Bank financed projects may be incorporated into project-specific loan agreements, operating regulations and bidding documents, as appropriate, to ensure environmentally responsible procurement.	(B.17)
	Potential Safeguard Policy Items(?)	No potential issues identified	
	Recommended Action:	Operation has triggered 1 or more Policy Directives; please refer to appropriate Directive(s). Complete Project Classification Tool. Submit Safeguard Policy Filter Report, PP (or equivalent) and Safeguard Screening Form to ESR.	
Additional Comments:			
ASSESSOR DETAILS	Name of person who completed screening:	Camhi, Ashley L. (ASHLEYC@Contractual.iadb.org)	
	Title:	Environmental Economist	
	Date:	2013-06-05	

SAFEGUARD SCREENING FORM

PROJECT DETAILS	IDB Sector		
	Type of Operation		Technical Cooperation
	Additional Operation Details		
	Country		REGIONAL
	Project Status		
	Investment Checklist		Agribusiness Crops
	Team Leader		Maria Claudia Perazza
	Project Title		BUILDING CAPACITY IN THE ECONOMICS OF BIODIVERSITY AND ECOSYSTEM SERVICES
	Project Number		RG-T2344
	Safeguard Screening Assessor(s)		Camhi, Ashley L. (ASHLEYC@Contractual.iadb.org)
	Assessment Date		2013-06-05
	Additional Comments		
PROJECT CLASSIFICATION SUMMARY	Project Category:	Override Rating:	Override Justification:
	C		Comments:
Conditions/ Recommendations	<ul style="list-style-type: none"> • No environmental assessment studies or consultations are required for Category "C" operations. • Some Category "C" operations may require specific safeguard or monitoring requirements (Policy Directive B.3). Where relevant, these operations will establish safeguard, or monitoring requirements to address environmental and other risks (social, disaster, cultural, health and safety etc.). • The Project Team must send the PP (or equivalent) containing the Environmental and Social Strategy (the requirements for an ESS are described in the Environment Policy Guideline: Directive B.3) as well as the Safeguard Policy Filter and Safeguard Screening Form Reports. 		
SUMMARY OF IMPACTS/RISKS AND POTENTIAL SOLUTIONS	Identified Impacts/Risks		Potential Solutions
ASSESSOR DETAILS	Name of person who completed screening:		Camhi, Ashley L. (ASHLEYC@Contractual.iadb.org)
	Title:		Environmental Economist
	Date:		2013-06-05