

REGIONAL

Integrating sustainability principles into infrastructure planning, design, procurement, implementation and development of financing options

RG-T3291

TERMS OF REFERENCE

I. Background

- 1.1 Latin America and the Caribbean (LAC) face the challenge of substantially increasing investment in infrastructure to achieve integrated and equitable growth and regional competitiveness. Recent analyses have indicated that investments of up to five percent of Latin America's GDP (USD 250 billion) will be required to close the gap between future needs and existing infrastructure (Serebrisky 2014). Yet, only three percent of GDP are invested annually in developing and expanding infrastructure (Serebrisky 2014).
- 1.2 Recognizing the need for increased investments and more sustainable projects, the IDB Group has developed a framework for sustainable infrastructure. This framework provides guidance for the public and private sector to support the planning, designing, and financing of infrastructure that is economically, financially, socially, environmentally and institutionally sustainable by listing key indicators that constitute sustainable infrastructure projects (see ["What is Sustainable Infrastructure? – A Framework to Guide Sustainability Across the Project Cycle"](#) for more details).
- 1.3 Whether the "right" project is selected and done "right" from a sustainability point of view crucially depends on the broader upstream institutional context in which the various decision-making processes take place. This upstream institutional context includes the policies, plans, legislation, regulations, and organizational set-up and capacities that enable projects to be sustainable. It ensures adequate project selection, incentivizes private sector investment in sustainable infrastructure, and promotes sustainability from policy to planning to procurement, operation and maintenance and decommissioning. Strengthening the capacity of relevant country systems, institutions, and individuals involved in the upstream institutional context is hence essential in advancing sustainable infrastructure projects.

II. Consultancy objectives

- 2.1 The objective of the Consultancy is to (A) Improve understanding of Sustainable Infrastructure (B) Drive Upstream Planning implementation (C) Foster cross country learning by assisting public and private sector decision makers in better understanding the role that upstream institutional actions can play in delivering sustainable infrastructure, and to highlight specific actions that could be taken.

III. Deliverables

- 3.1. An analytical framework for the upstream institutional context for sustainable infrastructure of relevant sectors (transport, energy etc. – tbc) to describe which elements are essential for an effective and efficient delivery of sustainable infrastructure as defined by the IDB Group's sustainable infrastructure framework. The Analytical framework will have the following deliverables:
 - a. SI Business and policy environment analysis Report
 - b. SI Planning processes and public investment management frameworks Report
 - c. Sustainable infrastructure procurement strategies analysis conducive for SI Report

- 3.2. Consultation / Peer-review process. From early on in the process, experts and relevant stakeholders both internal ones from within the IDB Group and external ones, including but not limited to from countries that are examined in the case studies, shall be involved in the process. While the expert peer-reviewers shall work closely together with the Consultancy and IDB Group, commenting at different stages on the study results, the general consultation process shall involve a wide range of external stakeholders. The Consultancy shall:
- Identify key relevant internal (IDB Group) and external stakeholders
 - Identify, together with IDB Group, up to five experts to serve as peer-reviewers of draft reports, reflecting diversity in expertise and perspective (e.g. think tanks, NGOs, MDBs) in addition to the general diversity principles of IDB Group (see below).
 - Devise and manage a process for the peer review.
 - Devise and implement a strategy to engage key stakeholders, including on-line (online consultation or similar) and off-line (panels at IDB Group events or similar)
 - Identify possible joint-initiatives with stakeholders to improve the upstream institutional context for sustainable infrastructure in specific countries.

IV. Payment Schedule

SI Business and policy environment analysis Report	30%
SI Planning processes and public investment management frameworks Report	35%
Sustainable infrastructure procurement strategies analysis conducive for SI Report	35%

V. Qualifications of of the Consulting Firm staff

- Academic Degree / Level & Years of Professional Work Experience: MSc, MPhil or similar, PhD advantageous. Academic background preferably in public administration, law, or political economy, or engineering/architecture combined with additional policy qualifications. Minimum 10 years professional work experience including in an international context and in Latin America. Previous experience in government related to infrastructure a plus, preferably in Latin America. Experience working with/at MDBs a plus.
- Languages: Fluency in English and Spanish is required. Working knowledge of Portuguese is desirable.
- Areas of specific expertise: general LAC regional expertise, infrastructure expertise, public administration, policy-making, public law, previous experience working in government related to infrastructure advantageous, sustainability expertise (social, environmental, economic, institutional, financial), in-depth expertise working with and/or creating indices, especially for comparing country performance of their institutional frameworks, business environments or similar. For phase two, specific country experience is required, ideally by resident researchers (or similar) in those countries.
- Skills: Report drafting, analytical frameworks, gap analysis, cost-benefit analysis, policy sequencing / change management / organizational change, organization of drafting/consultation processes, incl. events, experience managing international (multiple countries) consultant teams for studies.

VI. Characteristics of the Consultancy

- 6.1. Consultancy category and modality: BEO Firm Procurement
- 6.2. Contract duration: 6 months
- 6.3. Place(s) of work: External consultancy
- 6.4. Division Leader or Coordinator: Principal Specialist CSD/CCS

Our culture: Working with us you will be surrounded by a diverse group of people who have years of experience in all types of development fields, including transportation, health, gender and diversity, communications and much more.

About us: At the Inter-American Development Bank, we're devoted to improving lives. Since 1959, we've been a leading source of long-term financing for economic, social, and institutional development in Latin America and the Caribbean. We do more than lending though. We partner with our 48-member countries to provide Latin America and the Caribbean with cutting-edge research about relevant development issues, policy advice to inform their decisions, and technical assistance to improve on the planning and execution of projects. For this, we need people who not only have the right skills, but also are passionate about improving lives.

Payment and Conditions: Compensation will be determined in accordance with Bank's policies and procedures. The Bank, pursuant to applicable policies, may contribute toward travel and moving expenses. In addition, candidates must be citizens of an IDB member country.

Visa and Work Permit: The Bank, pursuant to applicable policies, may submit a visa request to the applicable immigration authorities; however, the granting of the visa is at the discretion of the immigration authorities. Notwithstanding, it is the responsibility of the candidate to obtain the necessary visa or work permits required by the authorities of the country(ies) in which the services will be rendered to the Bank. If a candidate cannot obtain a visa or work permit to render services to the Bank the contractual offer will be rescinded

Consanguinity: Pursuant to applicable Bank policy, candidates with relatives (including the fourth degree of consanguinity and the second degree of affinity, including spouse) working for the IDB, IDB Invest, or MIF as staff members or Complementary Workforce contractuales, will not be eligible to provide services for the Bank.

Diversity: The Bank is committed to diversity and inclusion and to providing equal opportunities to all candidates. We embrace diversity based on gender, age, education, national origin, ethnic origin, race, disability, sexual orientation, and religion. We encourage women, Afro-descendants and persons of indigenous origins to apply.

Sustainable Infrastructure Framework Consultant **SI guidelines for actions at upstream and design-stage levels**

Background:

Infrastructure is critical for economic growth and to ensure human wellbeing—as such, the Sustainable Development Goals are focused on the provision of infrastructure services. The world is currently facing an urgent need to increase, and to improve the quality of, infrastructure investments. In Latin America and the Caribbean (LAC), annual investments of around 5% of the region's GDP (equivalent to US\$250 billion) are needed to close the infrastructure gap. Despite their potential growth and development impact, infrastructure projects may also cause negative impacts in a country's economy, people's quality of life, and importantly on the environment.

The IDB's Institutional Strategy Update 2016-2019 defines three key development challenges: social inclusion, productivity and innovation, and economic integration; and, three “cross-cutting issues”: gender equality and diversity, climate change and environmental sustainability, and institutional capacity. These challenges and issues can be addressed through the provision of sustainable infrastructure—indeed, the IDB Sustainable Infrastructure Strategy, approved in 2013, emphasizes the need to provide high quality infrastructure services by planning, building, and operating infrastructure projects that are environmentally, socially, and fiscally sustainable.

The Inter-American Development Bank (IDB) wishes to incorporate sustainability in the infrastructure operations it finances and support LAC countries in the planning and design of projects. Yet there are different approaches to, and definitions of, sustainable infrastructure. This delays the pace and effectiveness of implementing sustainability.

The IDB published in March 2018 a technical note “What is Sustainable Infrastructure?” which presents a framework for both public and private sectors to support planning, design, and financing of infrastructure that is economically, financially, socially, environmentally, and institutionally sustainable. The purpose of the framework is to enhance clarity, reduce risks, and support inclusive growth and productivity, enhancing coverage and quality of services supporting the Sustainable Development Goals (SDGs), and accelerating the transition to low carbon and climate resilient economies. The framework presents four main principles of sustainability:

- ✓ Economic and financial dimension;
- ✓ Environmental dimension;
- ✓ Social dimension; and
- ✓ Institutional dimension.

The IDB Sustainable Infrastructure Framework proposes attributes that are important for operationalizing sustainability across the entire life cycle of infrastructure projects. The IDB is now looking into an optimal way to present the findings of the Technical Note on Sustainable Infrastructure published on March 2018 for discussion and comment.

The team:

The Climate Change and Sustainable Development Sector (CSD) advises Management on climate change and sustainable development issues and develops overall Bank policies, strategies, operational guidelines and programs in these areas. It is also responsible for conducting relevant sector research, analytical work, best sector practices and case studies on

climate change and sustainability and provides specialized technical sector support to climate change and sustainability related operations and activities.

CSD conceptualizes, prepares, supports the execution of and supervises the IDB's operations related to Sustainable Infrastructure.

What you'll do:

The two objectives of the consultancy are to develop **the SI guidelines for actions at upstream and design-stage levels**

Sustainable Infrastructure Framework: The selected consultant will deliver a final report presenting the IDB **SI guidelines for actions at upstream and design-stage levels**.

The report should include:

- a. Executive Summary presenting the critical analysis that was undertaken to shape a “normative definition” of sustainable infrastructure and explaining how the framework differs from (or overlaps with) related initiatives and products, *inter alia*, approaches to green bonds, climate finance, quality infrastructure.
- b. Summary of the review performed by our team based on the IDB Technical Note on Sustainable Infrastructure published on March 2018. This section will present the purpose of the framework, differentiate the framework from existing approaches, and summarize visually (table, infographic, or charts) existing approaches (guidelines, principles, standards and ratings). This review should include and differentiate between approaches being used at through the project cycle stages: planning, prioritization, design, bidding, construction, and operation and maintenance.
- c. Visual summary of proposed principles and attributes for sustainable infrastructure, the attributes should be presented in tables, infographics or charts to allow broad dissemination across all relevant infrastructure stakeholders.
- d. Detailed guidelines for actions at upstream and design-stage levels for the transport and energy sector.

Deliverables:

- Guidelines for actions at upstream and design-stage levels for the transport and energy sector

All deliverables must be drafted in English and Spanish and approval will be subject to approval of the IDB Climate Change Division (CSD/CCS), and with the guidance of an Advisory Group formed from specialists from IDB and IDB Invest

Payment timeline:

- 30% against the delivery and approval of the first workplan.
- 30% against the delivery and approval by the first Guidelines draft.

- 40% against the delivery and approval by the final Guidelines for actions at upstream and design-stage levels for the transport and energy sector.

Skills you'll need:

- **Education:** Master's Degree or equivalent with a minimum of ten years of relevant professional experience, or the equivalent combination of education and experience in economics, engineering, architecture or related fields.
- **Experience:** Relevant work experience in infrastructure design, evaluation, or finance.
- **Languages:** Fluency in English is required. Knowledge of Spanish is a plus.
- **Core and Technical Competencies:** Excellent written and verbal English communication skills; proven ability to communicate complex concepts and prepare clear, concise and meaningful reports; analytic capacity and ability to synthesize complex and extensive approaches into a summarized yet all-encompassing framework.

Opportunity Summary:

- **Type of contract and modality:** PEC Consultant
- **Length of contract:** 4 months
- **Location:** Remote location.
- **Responsible person:** Sector Principal Specialist (CSD/CCS)

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