



Nature-Based Solutions in Latin America and the Caribbean: Status and Opportunities



Andres G Blanco B, Economics Principal Specialist (INE/WSA)

Oct. 9, 2024

INTER-AMERICAN DEVELOPMENT BANK

IDB OVERVIEW

- Multilateral development institution founded in 1959.
- Largest source of financing for **Latin America and the Caribbean (LAC)**.
- Finances sovereign projects and programs through loans, guarantees, grants, and technical assistance.
- Owned by 48 member countries:
 - **26 Borrowing member countries, and**
 - **22 Non-Borrowing member countries**
- Around 2,000 employees across 4 continents.
- **Rated AAA/Aaa** (stable outlook) by Standard & Poor's and Moody's: Triple-A rating since 1962.

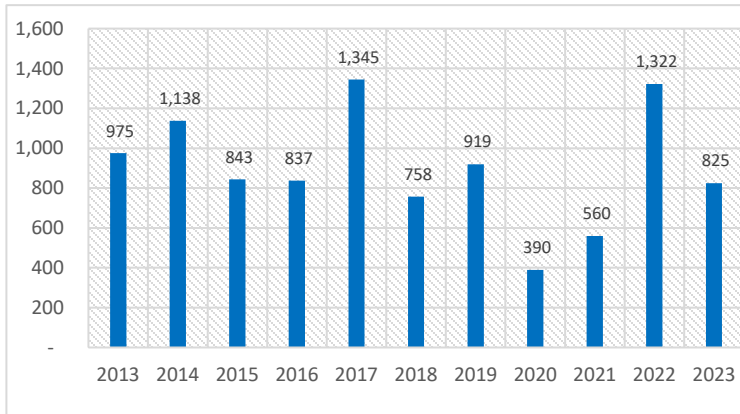


IDB HQ, Washington D.C.

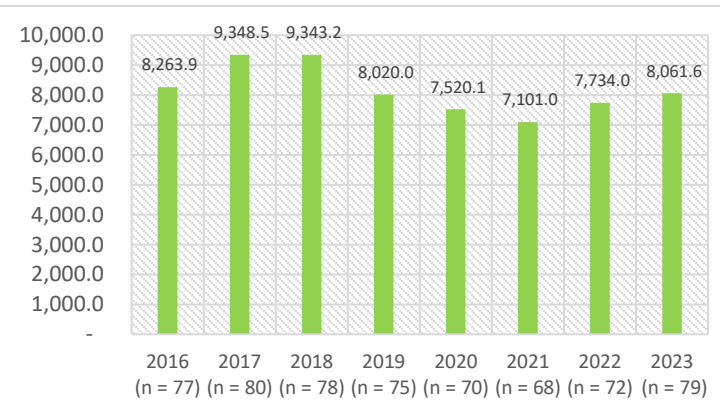
IDB – WATER and SANITATION DIVISION (INE/WSA)

WATER / SANITATION / SOLID WASTE / DRAINAGE / WATER RESOURCE MANAGEMENT

Annually Loan Amount Approved (US\$ million)



Loan Amount Pipeline (US\$ million)



Technical Cooperation (TC) :

Active TCs
130

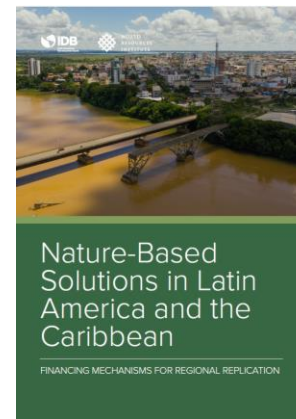
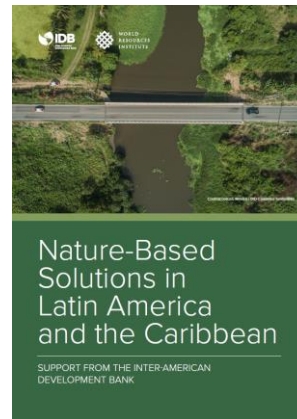
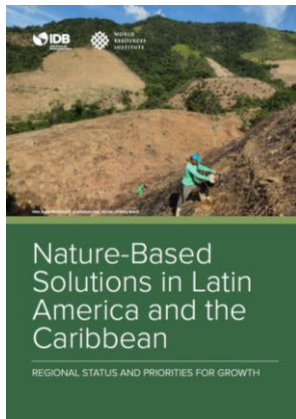
AQUAFUND

Other Funds

IDB & NATURE-BASED SOLUTIONS (NBS)

DEFINITION

Nature-based solutions (NBS) refers to the strategic restoration, protection, or management of ecosystems to intentionally achieve development outcomes to address societal challenges (Cohen-Shacham et al. 2016). NBS is an umbrella concept that embraces multiple ecosystem-based approaches, such as ecosystem-based adaptation, ecological engineering, and green infrastructure.



NBS IN LAC: GROWING POTENTIAL

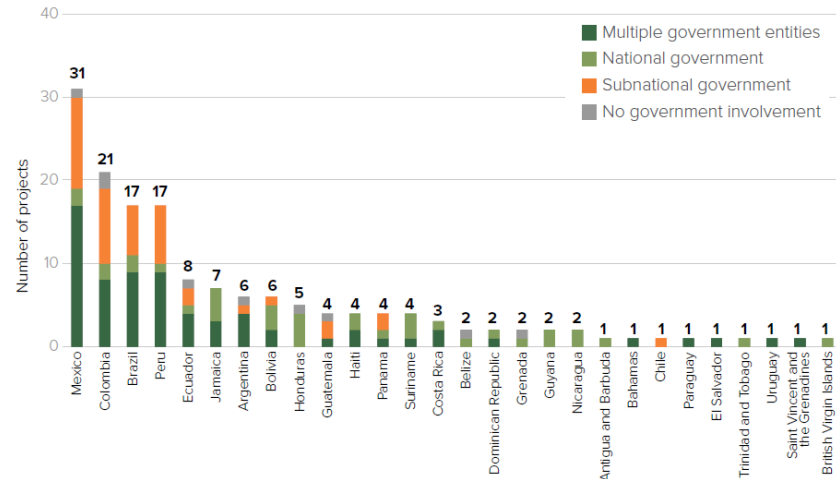
IMPORTANCE OF REGULATIONS AND GOVERNMENT PARTICIPATION AT DIFFERENT LEVELS

Figure ES-1 | GEOGRAPHIC DISTRIBUTION OF 156 PROJECTS AND EXAMPLES



Sources:
¹ mPáramo (2020).
² Clever Cities (2020).
³ Aqualonda (2020).
⁴ Balto Acero and Chuc (2020).
⁵ IFDAR (2020).
⁶ Barstien (2020).

Figure 4 | GOVERNMENT PARTICIPATION IN NATURE-BASED SOLUTIONS PROJECTS BY COUNTRY

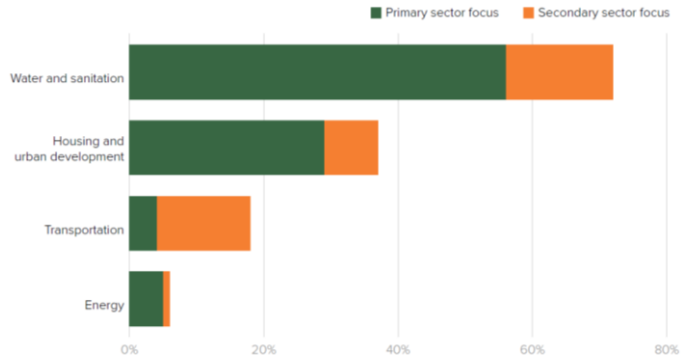


Source: Authors.

CONCENTRATION IN WATER AND SANITATION

HALF ON JUST ONE SECTOR: MULTISECTORAL COORDINATION IS CRUCIAL

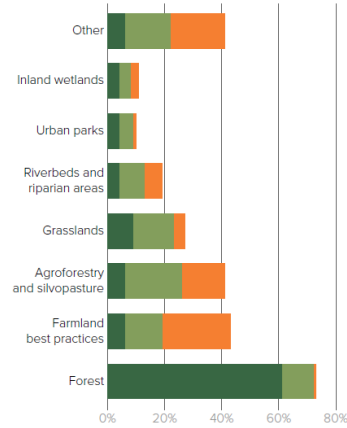
Figure 3 | PERCENTAGE OF NATURE-BASED SOLUTIONS PROJECTS TARGETING EACH SECTOR



Source: Authors.

■ Primary strategy ■ Secondary strategy ■ Tertiary strategy

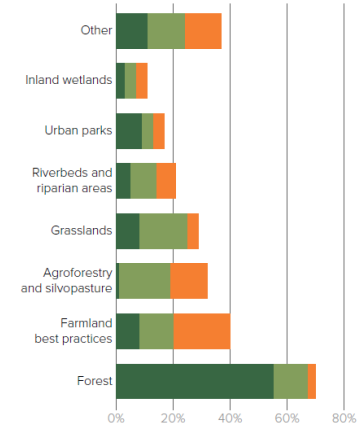
Water Quantity | 80 projects



Percentage of projects using each NBS

Other include: Bioswales, Constructed wetlands, Distributed bioretention, Mangroves, Permeable pavements, and Floodplains and bypasses.

Water Quality | 76 projects



Other include: Constructed wetlands, Mangroves, Bioswales, Coastal wetlands, Distributed bioretention, Floodplains and bypasses, Permeable pavements.

LED MAINLY BY CIVIL SOCIETY AND GOVERNMENTS

78% HAVE COMMUNITY ENGAGEMENT PLANS. POTENTIAL ROLE FOR SERVICE PROVIDERS

Table ES-1 | MOST COMMON TYPES OF LEADING ENTITIES IN NATURE-BASED SOLUTIONS PROJECTS

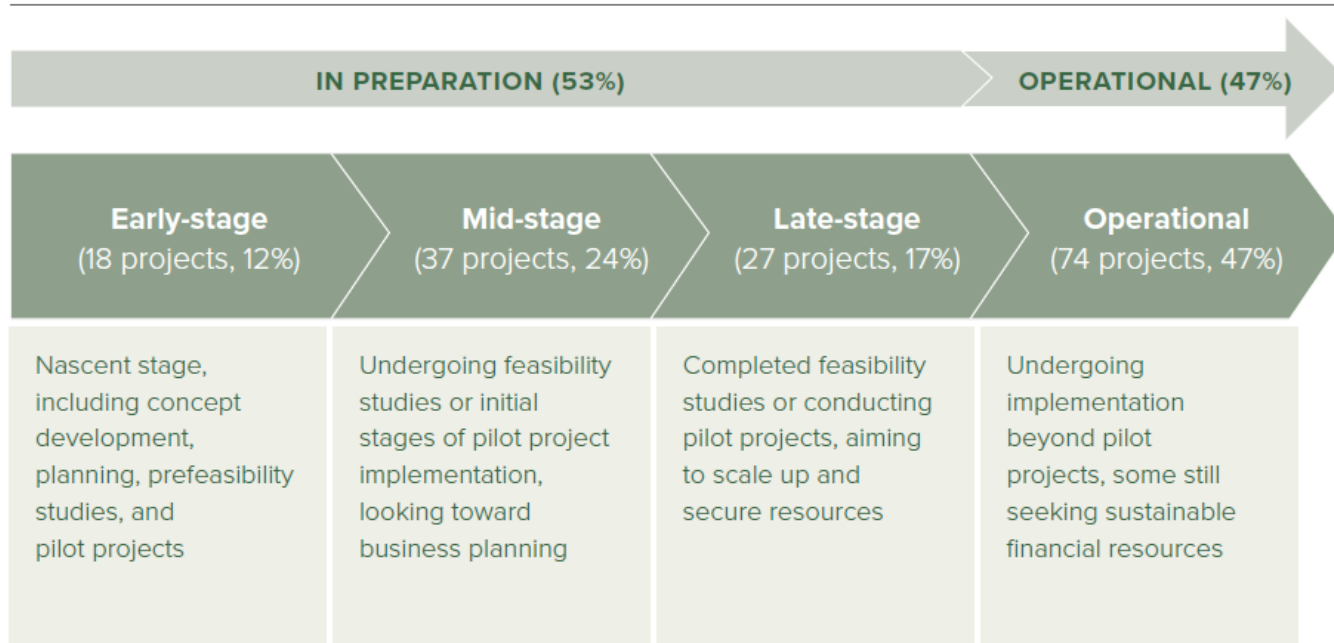
TYPE OF PROJECT LEAD	NUMBER OF PROJECTS
Local or national nongovernmental organization (NGO)	40
National government	37
Local government	30
International NGO or international organization	20
Infrastructure service provider	11
Private company or private foundation	9
Academic and/or research institution	5
Other	4

Source: Authors.

A MAJORITY HAVE YET TO REACH OPERATIONAL SCALE

60% SEEKING FUNDING TO SCALE UP: PROJECT PREPARATION, MONITORING, AND MONETIZATION ARE CRUCIAL

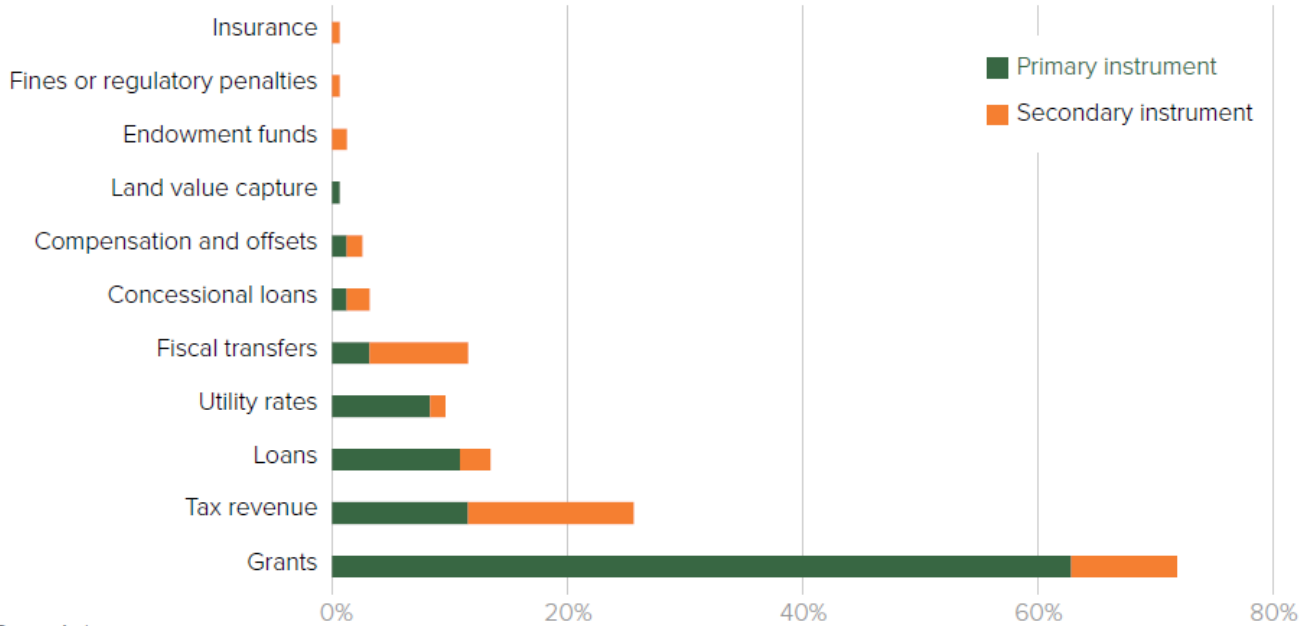
Figure 2 | STAGES OF MATURITY ACROSS THE NATURE-BASED SOLUTIONS PROJECT PIPELINE IN LATIN AMERICA AND THE CARIBBEAN



MOSTLY FUNDED THROUGH GRANTS

NEED FOR DIVERSIFYING FUNDING SOURCES AND PRIVATE SECTOR PARTICIPATION

Figure 5 | PERCENT OF NATURE-BASED SOLUTIONS PROJECTS UTILIZING FINANCING INSTRUMENTS



Source: Authors.

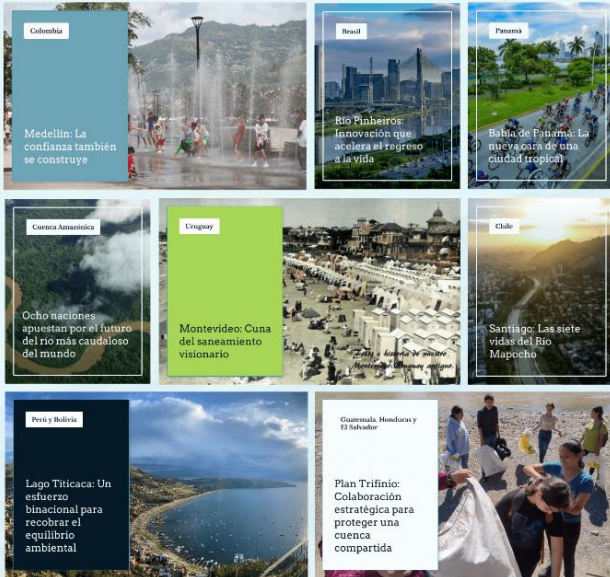
Source: Ozment et al (2021) IDB & WRI

NBS FOR RIVER RESTORATION

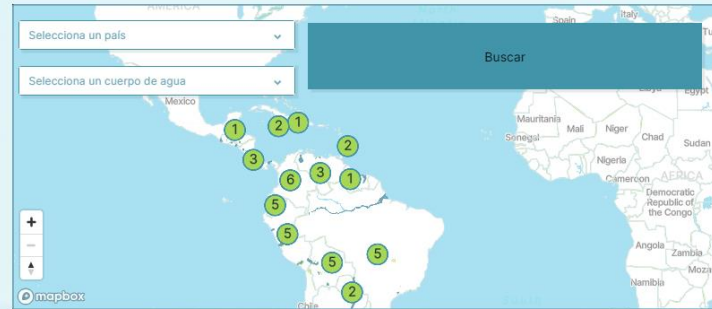
INITIATIVE LET'S LOOK BACK TO OUR RIVERS: <https://olasdata-volvamosalrio.org/>

¿Cómo **renacen** los ríos?

La recuperación de un río, un lago o una bahía contaminada requiere el esfuerzo sostenido de miles de personas a lo largo de varias generaciones. En América Latina abundan las comunidades que lo están intentando. Conoce sus historias, y cuéntanos la tuya.



Explora ríos, lagos y bahías en proceso de recuperación



Términos y condiciones de uso

¿Se nos escapó una?

Si conoces una comunidad interesada en recuperar un cuerpo de agua urbano y no lo encuentras en el mapa, por favor completa [este formulario](#). Queremos compartir su historia.

OLAS
Observatorio para América Latina
y el Caribe de Agua y Saneamiento

Volvamos al río es un espacio creado por la División de Agua y Saneamiento del BID para visibilizar procesos de recuperación de ríos, lagos y bahías en América Latina y el Caribe.

Conocé más de la iniciativa

Source: <https://olasdata-volvamosalrio.org/>

Thanks

