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with LATIN AMERICA

Santo Domingo, Dominican Republic
15–17 September 2025





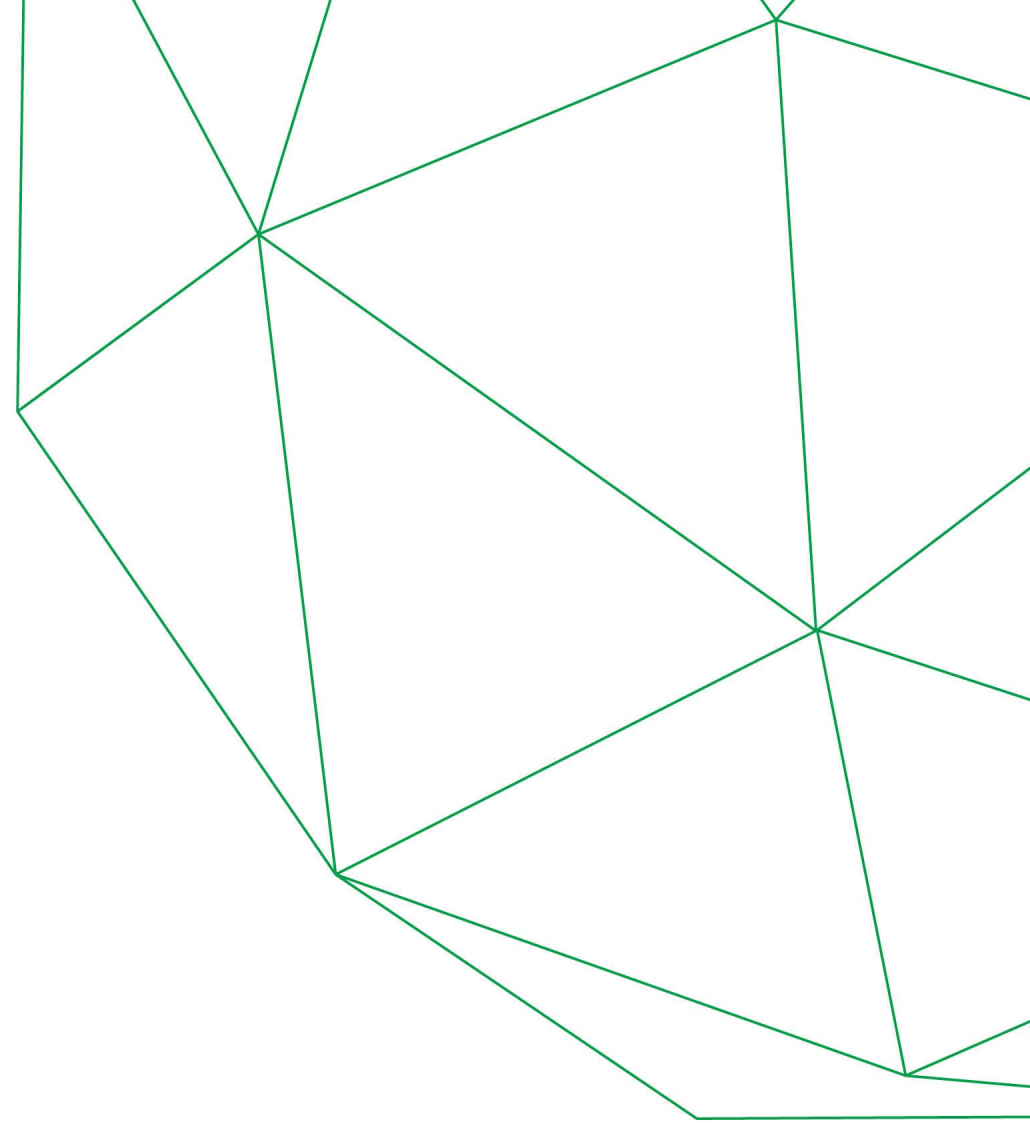
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Maximizing synergies across Rio Conventions through GCF Projects

Moderator: Fumihiko Tominaga

Santo Domingo, Dominican Republic
15–17 September 2025



Setting the Scene

- Marc Dumas-Johansen, Agriculture and Food Security Specialist | GCF
- Nancy Moreno, Programme Management Officer, Global Mechanism | UNCCD



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How does GCF support integrated land, forest, and water management?

Marc Dumas-Johansen

Agriculture, Food Security and Forest Specialist

Santo Domingo, Dominican Republic

15–17 September 2025

Why act now?

Land degradation

Up to ~40% of the world's land is degraded, affecting 3+ billion people – failure and collapse of farming systems – economic losses of US 6+ trillion per year

Water scarcity / stress

Water scarcity impacting close to half of global population with nearly 2 billion people access to safe drinking water

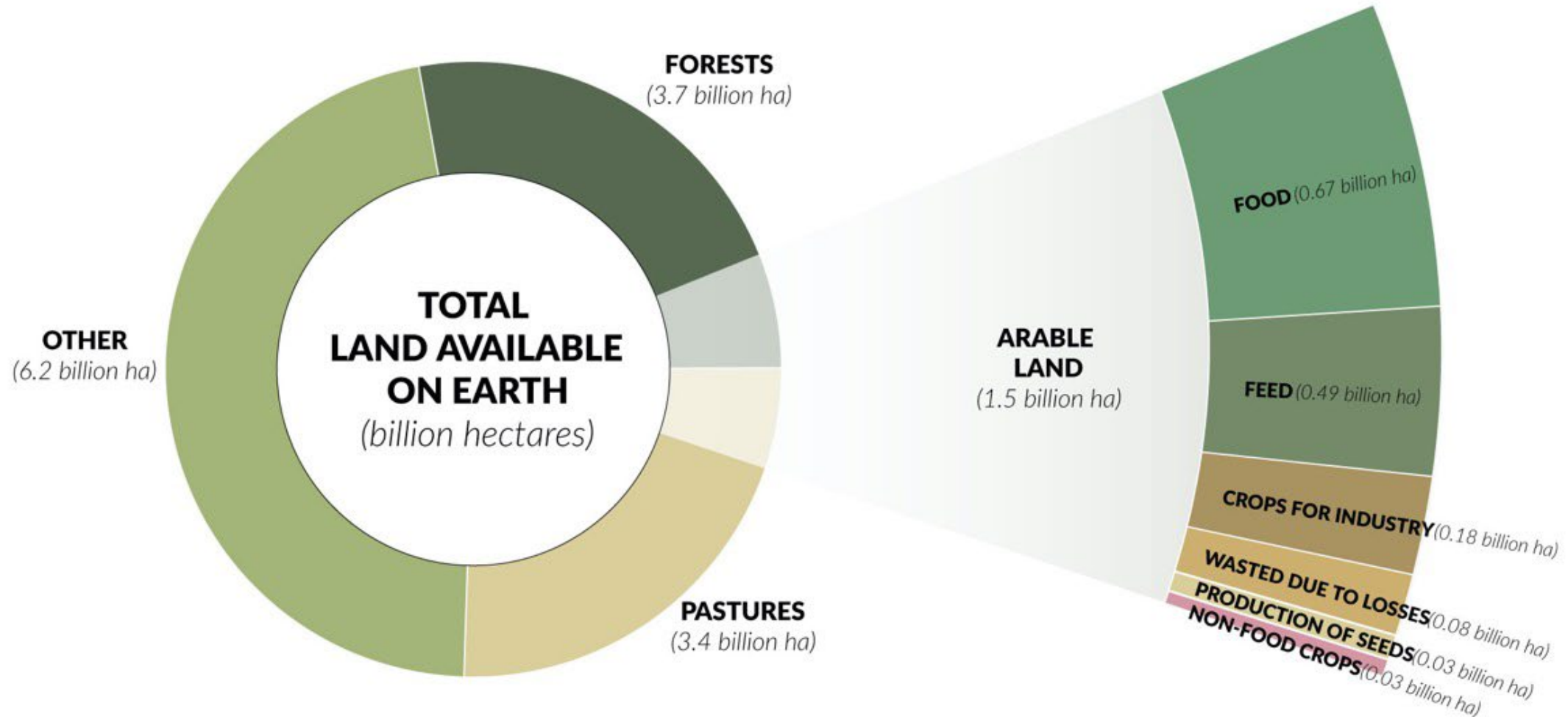
Crop failure, reduced harvests, and failure of farming systems and food systems

Forests / deforestation

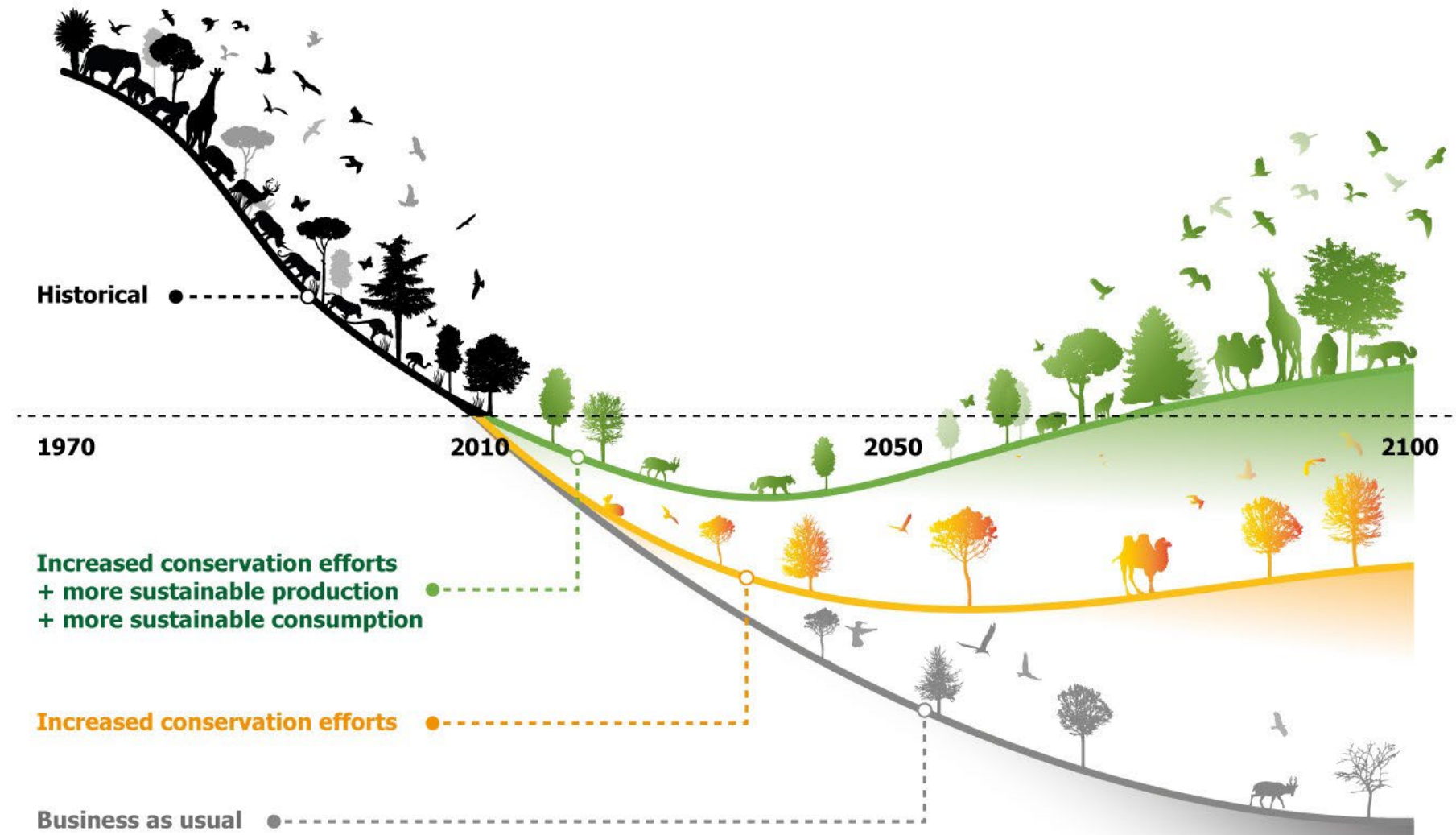
More than 400 million ha of forests lost since 1990 (2015-2020 yearly deforestation 10 million ha/year) – tropical forest loss in 2023 was in average 3 million ha alone

Economic loss amounting to US trillions lost in global GDP annually

Total available land



Unlocking paradigm shift across Rio conventions



Integrated
Landscapes
and project
design

Unlocking long term solutions across landscapes through integrated design



Santo

Improved soil management, restoration, improved fallow, irrigation, regenerative agriculture



Soil C Credits, Grants/Loans, Pollination Services,

Forest and landscape Restoration



PES, Grants/Loans, C Credits, First Loss, Reimbursable Grants

Sustainable Forest Management and protection of ES



Biodiversity Credits, C credits, Green Bonds, TFFF,

Forest Conservation (Protected Areas), ES



C credits, TFFF, PES, Biodiversity Credits, Green Bonds,



Thank you

Santo Domingo, Dominican Republic
15–17 September 2025



United Nations
Convention to Combat
Desertification

Avanzando sinergias y enfoques multisectoriales en la preparación de proyectos

Mecanismo Global



Neutralidad en la Degradación del Suelo y Resiliencia a la Sequía: Progreso Significativo en medio de Tendencias Preocupantes

1

Aumento degradación del suelo: 15,5 % de las tierras reportadas como degradadas, un incremento del 4 % en cuatro años, poniendo en riesgo la meta 15.3 de los ODS.

2

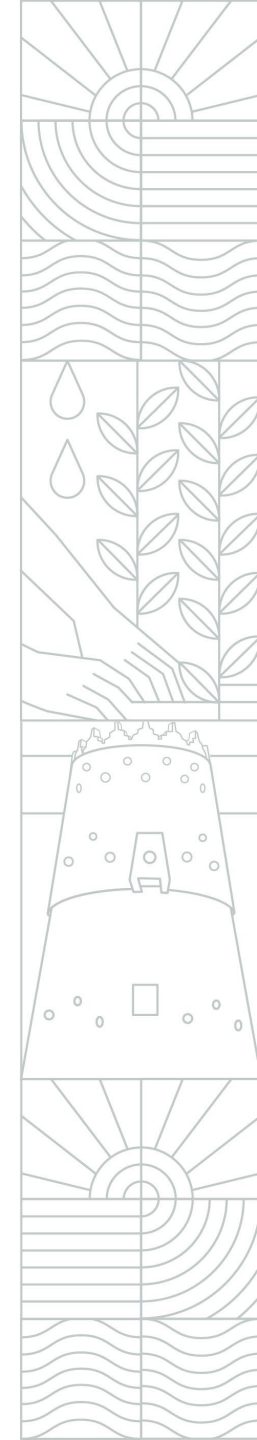
Costos crecientes sequía: USD 124 billones en pérdidas en 20 años – las sequías golpean más fuerte y rápido, devastando vidas, medios de vida y ecosistemas.

3

Compromisos significativos restauración: más de 600 millones de hectáreas comprometidas para restauración, y más bajo la CMNUCC y el CDB.

4

Una inversión, múltiples beneficios: Resiliencia sequía puede generar hasta 10x retorno en inversión, y aborda degradación del suelo, pérdida de biodiversidad y cambio climático.



Evaluación Brecha de Financiamiento UNCCD: USD 278 billones anual

Se necesitan USD 278 billones
adicionales en inversión anual

Lograr los planes
DLDD requiere USD
355 billones anuales

Inversiones actuales
de solo USD 77
billones

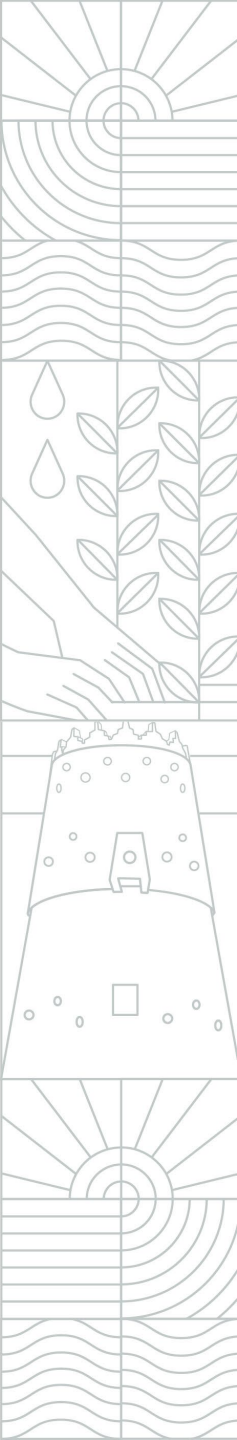
**Estrategia de
Movilización
de Recursos
GM**

**Objetivo de
aumentar la
inversión 3.5x**

Financiamiento anual actual solo
18% de las necesidades
estimadas

Combatir la
desertificación, la
degradación de la
tierra y la sequía
exige USD **1 billones
por día (2025-2030)**

Restauración **genera
retornos** de USD **7–
30** por cada dólar
invertido.

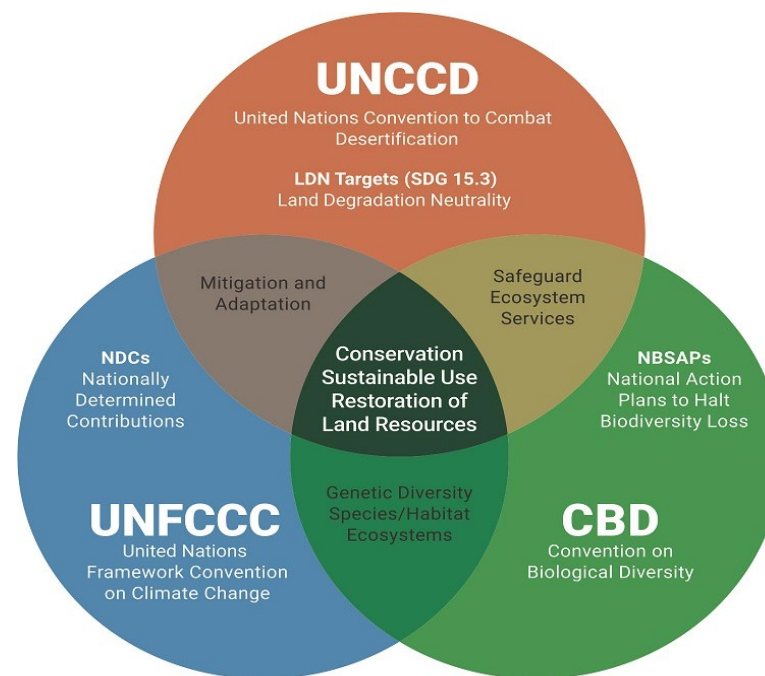


Mecanismo Global: Modelo Operativo

El modelo **promueve asociaciones**, impulsa la **preparación de proyectos** y la **movilización de recursos**, particularmente para inversiones de escala y con enfoque de género

GM está perfeccionando el modelo operativo para abordar mejor las necesidades de financiamiento en evolución, aprovechando tanto el **financiamiento tradicional como el innovador**

El modelo **crea sinergia entre sectores**, alineándose con los objetivos de clima, biodiversidad y uso sostenible del suelo, al tiempo que impulsa el impacto del proyecto y el acceso a diversas fuentes de financiamiento



Proyectos y Programas Transformadores

Desde 2018, el total acumulado de notas conceptuales que han sido **aprobadas para financiamiento es 29:**

- 14 nacionales, 11 regionales, 4 globales notas conceptuales

De esas,

- 1 implementación completada (nacional)
- 18 aprobadas para implementación (11 nacionales y 7 regionales)
- 10 desarrollo de documentos de proyectos en curso con notas conceptuales aprobadas (2 nacionales, 4 regionales, 4 globales)

Además:

- 17 notas conceptuales de proyectos o documentos de proyectos están actualmente en desarrollo y aún no aprobados (10 nacionales, 5 regionales, 2 globales)

Total Approved Budget 2018-2024 for
19 projects approved/under
implementation
(USD)

946 million

From Main Funding Source
(USD)

553 million

From Co-financing Source
(USD)

392 million

Potential Total Approved Budget 2018-
2024 for all 29 project concept
notes approved (where info is
available)
(USD)

2,8 billion

From Main Funding Source
(USD)

854 million

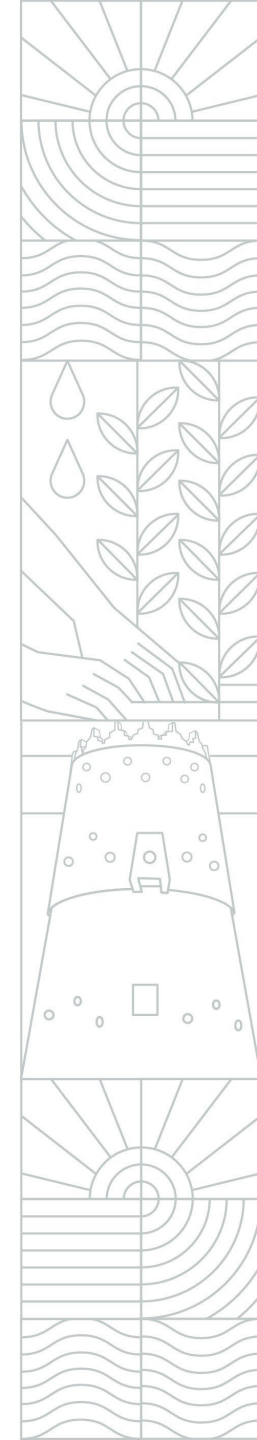
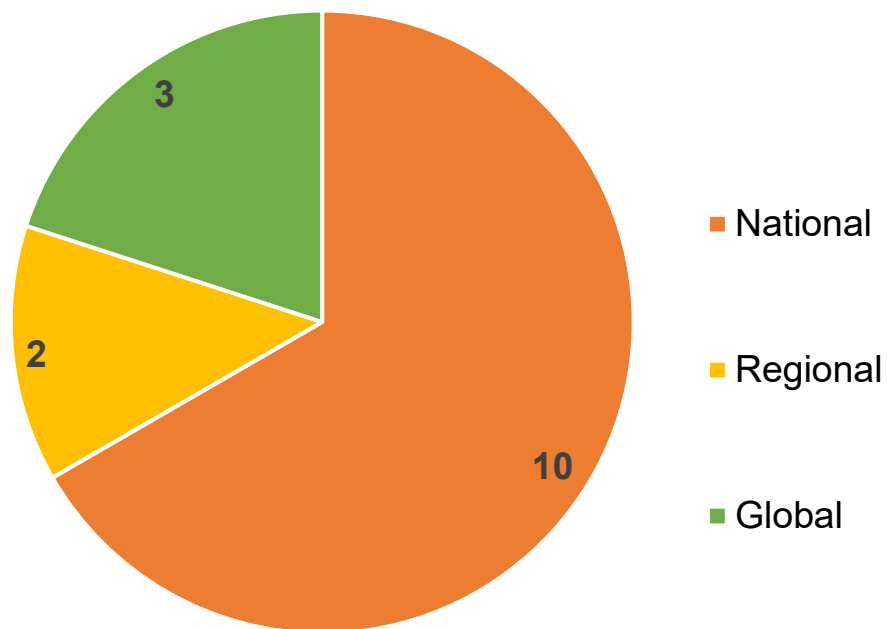
From Co-financing Source
(USD)

1,9 billion

Asociación para la Preparación de Proyectos (Proyectos y Programas Transformadores)

A nivel global, 103 proyectos en la cartera de GM, involucrando 96 países.

Total number of projects in LAC: 15



Fomentando la Innovación



Estrategia de Business4Land (B4L)

B4L promueve **compromisos del sector privado** para manejo sostenible del suelo al integrar marcos ESG, promoviendo financiamiento sostenible



Finanzas Innovadoras

Blended Finance: El Fondo LDN desplegó completamente su capital, apoyando el uso sostenible de la tierra en 14 países

Créditos: El GM está pilotando créditos de carbono y resiliencia en Kenia, permitiendo a las agricultoras acceder a mercados climáticos globales.

Seguro: Modelo de seguro contra sequías para aumentar la resiliencia.

Deuda: El GM también está avanzando en intercambios de deuda por naturaleza.



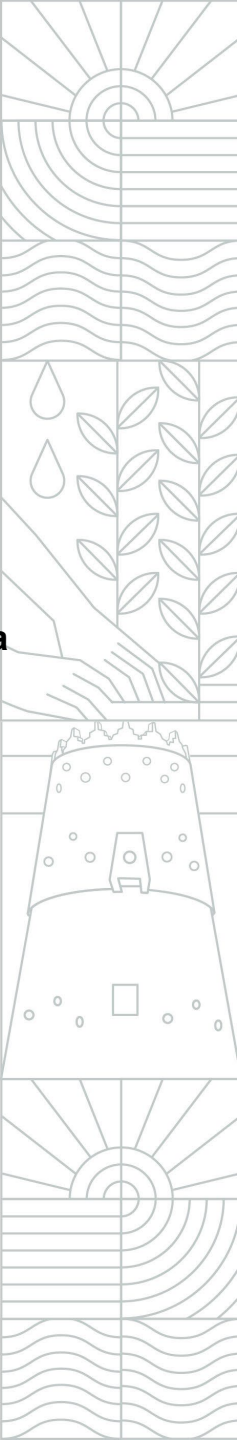
Transferencia de Tecnología

El GM se asoció con DeserTech para **conectar emprendedores de países con innovadores** del desierto de Negev en Israel, lo que llevó a la financiación de proyectos piloto en el Desierto de Atacama en Asociación con el BID.



Iniciativa del Bosque de la Paz

Cooperación Transfronteriza: **Apoyada por Corea, la Iniciativa del Bosque de la Paz** promueve la cooperación en la restauración de tierras en áreas afectadas por conflictos, **con colaboraciones en curso para la toma de decisiones basada en datos.**



Conclusiones, Retos e Iniciativas Emergentes

Estrategia de Movilización de Recursos:

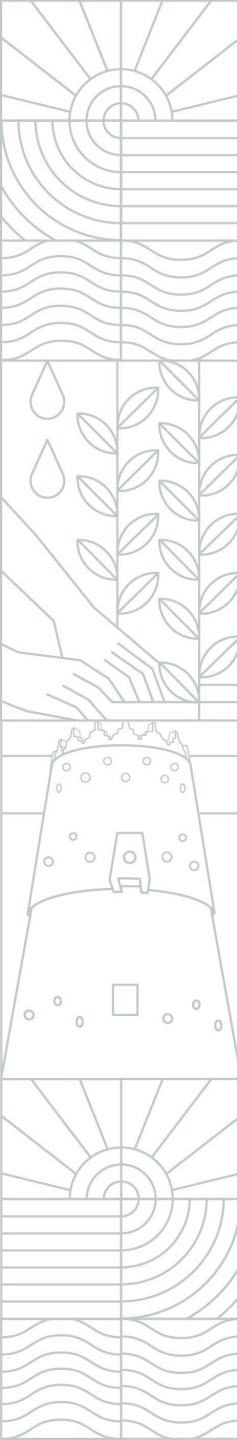


GM ofrece herramientas prácticas para que los países diseñen estrategias nacionales de movilización de recursos, centrándose en diversas fuentes de financiación, asociaciones público-privadas y fortaleciendo la gobernanza de la tierra, con una necesidad de adaptación continua y flexible, y el desarrollo de capacidades para enfrentar los desafíos del financiamiento en la formulación de proyectos.

Otras Iniciativas Emergentes:



- Tormentas de Arena y Polvo
- Pastizales
- Small Island Developing States - SIDs
- Tenencia de la Tierra y Género



Gracias

Nancy Moreno

nmoreno@unccd.int

**Programme Management Officer
Project Preparation & Partnerships**



Panel Discussion

- Bettina Prato, Lead Policy and Technical Advisor | IFAD
- Valeria Garcia, Director of Project Management | CI
- Nadia Mujica, Regional Multilateral Portfolio Manager | IUCN
- Lucas Black, Vice President, Climate Finance & Head of the GCF Accredited Entity Unit | WWF
- Veronica Ruiz, Head of Project Formulation Department | CABEI

Q. Can you share a **concrete example of a GCF project** where integrating climate, land, and biodiversity goals led to a result that would have been impossible if tackled separately? What was the specific mechanism or design choice that enabled this success?

IFAD | Planting Climate Resilience in Rural Communities of the Northeast (PCRP) Project

Key Details

Start Date: 07/06/2024

End Date: 30/06/2032

Location: Brazil Northeast (States of Bahia, Ceará, Sergipe, Pernambuco, Paraíba and Piauí)

Budget: \$283,257,543

Funding Partner: GCF, IFAD and BNDES

Objectives & Scope

Focus Area(s): semiarid Northeast Brazil

- Gender transformational
- Youth sensitive
- Nutrition sensitive
- Climate finance

Objective of reducing the adverse effects of climate change and strengthening the resilience of vulnerable rural populations in semiarid Northeast Brazil.

Key Activities:

- Component 1 - Climate-resilient Productive Systems (CRPS)
- Component 2 - Water access for production
- Component 3 - Knowledge management and scaling up

Beneficiaries: Farmers Organizations, Women, Youth, Indigenous People (IPs)

Status & Impact

Current Status: under implementation

Achievements:

- **Milestone 1** Workshop in **May 2025** in Recife, bringing together all implementing states and the PMEL team to discuss challenges, develop solutions, and make progress

Expected Impact: 1 million direct beneficiaries and 11.3 m tonnes of emissions avoided

Potential Co-benefits:

Environmental – Enhanced Climate Resilience; Improved Soil Health and Reduced Desertification; Increased Biodiversity; Carbon Sequestration

Social – Food Security and Nutrition; Empowerment of Vulnerable Groups; Community Cohesion and Participation; Youth Retention in Rural Areas

Economic - Increased Household Income; Improved Market Access; Poverty Reduction

- **Implementing Partners:** BNDES (National Development Bank, Implementing states)
- **Link to Project Website:** <https://www.ifad.org/en/w/projects/2000002253>
- **Contact Person:** Arnoud Hameleers, a.hameleers@ifad.org

Panel Discussion

Bettina Prato, Lead Policy and Technical Advisor | IFAD

Q. How can we better align GCF's investment strategy with national frameworks like NDCs, NAPs, NBSAPs, LDN, and drought plans to systematically promote synergy, rather than relying on a project-by-project approach? What role can regional organizations play in this?

CI | Sustainable Landscapes in Eastern Madagascar



Key Details

Start Date: 05/08/2018

End Date: 05/08/2025

Location: Madagascar

Budget: \$15,750,000

Funding Partner: GCF



Empowering farmers and protecting forests in Eastern Madagascar

Implementing Partners: Conservation International Madagascar

Contact Person: Steven Panfil,
spanfil@conservation.org

Objectives & Scope

Focus Area(s): Forestry and land use, Most vulnerable communities, Ecosystems and ecosystem services

Objective:

- Reduce greenhouse gas (GHG) emissions from deforestation
- Enhance the climate resilience of vulnerable smallholder farmers
- Improve management of two of Madagascar's biodiverse forest corridors: Ankeniheny-Zahamena (CAZ) and Ambositra-Vondrozo (COFAV).

Key Activities:

- Climate-Smart Agriculture
- Enhanced Forest Management
- Capacity Building
- Climate Awareness

Beneficiaries: Rural communities

Status & Impact

Current Status: Finalized

Achievements:

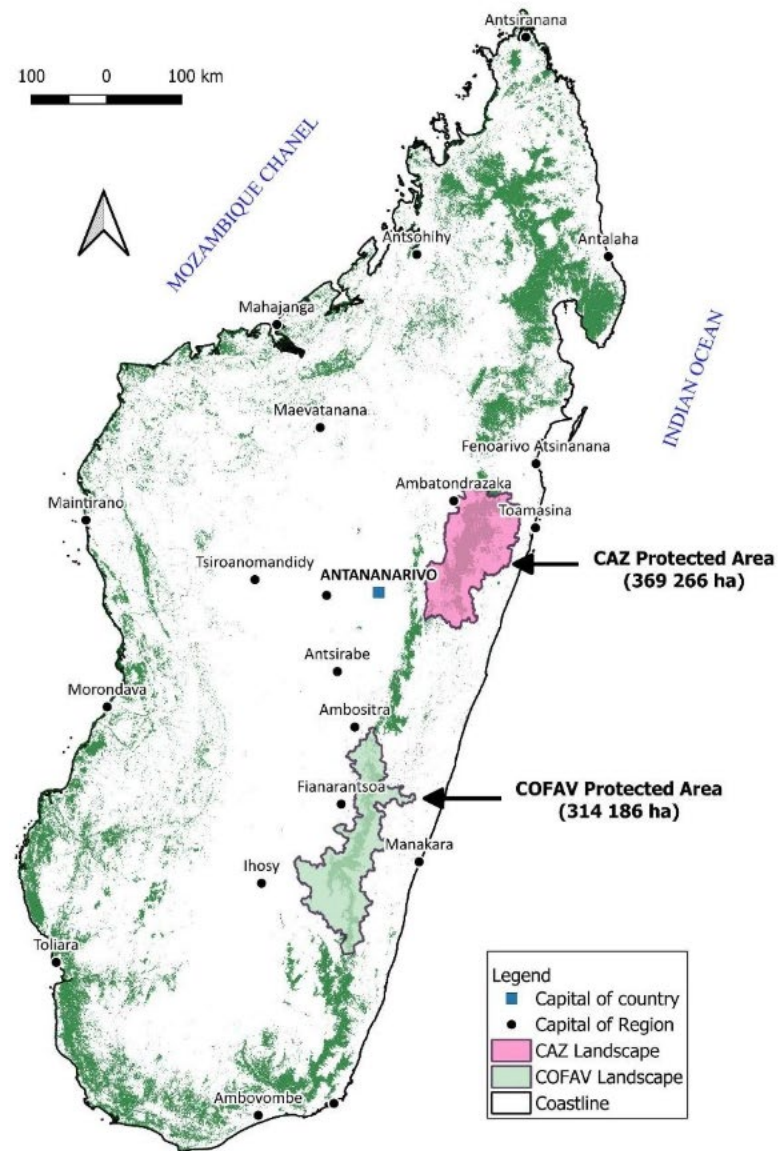
- Deforestation rates in project areas dropped from 3.2% (2018) to 0.8% (2023)
- **75% increase in annual income** and a **51% higher value of crop production**
- **Protection of 655,832 hectares of forest landscapes** in the CAZ and COFAV corridors
- Restored **4,160 hectares** (166% of target)

Impact:

- Total emissions reduction of **9,343,807 tCO₂e** (~15% of total emissions from all projects in first GCF funding cycle with 1% of funding)
- **Resilience and enhanced the livelihoods of 131,529 individuals - Direct beneficiaries** (Initial target: 85,700)

Co-benefits:

- **50.5% female direct beneficiaries**
- METT scoring: **70.64% in CAZ** and **69.17% in COFAV** by 2024



Panel Discussion

Valeria Garcia, Director of Project Management | CI

Q. When designing a project, what is the most effective tool or process you've used to move synergies from a "nice-to-have" co-benefit to a core, measurable project outcome? (e.g., integrated monitoring frameworks, specific stakeholder consultations, blended finance models, NbS, landscape approach).

IUCN | Fortaleciendo la resiliencia de los medios de vida ante el cambio climático en las cuencas altas del altiplano guatemalteco

Key Details	Objectives & Scope	Status & Impact
<p>Start Date: 08/04/2020</p> <p>End Date: 07/04/2027</p> <p>Location: Guatemala</p> <p>Budget: 37.7M USD</p> <p>Funding Partner: GCF</p>	<p>Focus Area(s): Ecosistemas y servicios ecosistémicos; Medios de vida personas y comunidades</p> <p>Objective: Reducir los impactos del cambio climático en el ciclo hidrológico de las cuencas hidrográficas de las tierras altas objetivo, mediante prácticas mejoradas de uso del suelo</p> <p>Key Activities:</p> <ul style="list-style-type: none">- Activity 1: Gestión integrada de cuencas climáticamente inteligentes adaptada al contexto local del Altiplano- Activity 2: Sistema de gestión de cuencas dirigido por comunidades promovidos a través de subvenciones- Activity 3: Entrega de información climática a los agricultores e interesados, para el manejo de cuencas y la adaptación al cambio climático <p>Beneficiaries: 132,000 beneficiarios directos (por lo menos 30% mujeres)</p>	<p>Current Status: Under implementation.</p> <p>Achievements:</p> <ul style="list-style-type: none">- 112,226 beneficiarios directos- 32,349 hectáreas restauradas- 53 pequeñas subvenciones y 26 medianas subvenciones, implementadas o en implementación- 20 consejos de microcuenca en funcionamiento- 66,000 beneficiarios con acceso a información de clima <p>Expected Impact:</p> <ul style="list-style-type: none">-132,000 beneficiarios-22,500 hectáreas restauradas <p>Potential Co-benefits:</p> <ul style="list-style-type: none">-Mejorada la provisión del servicio ecosistémico de control de erosión (disminución de impactos negativos de escorrentía)-Mejorada la disponibilidad de agua/humedad para cultivos agrícolas

- **Implementing Partners:** IUCN-Guatemala; Fundación para la Conservación en Guatemala (FCG); Universidad Rafael Landívar
- **Link to Project Website:** [FP087: Building livelihood resilience to climate change in the upper basins of Guatemala's highlands | Green Climate Fund](#) ; [México, América Central y el Caribe | IUCN](#) ; [Maya-K'iche' in Guatemalan highlands embrace nature-based solutions | Green Climate Fund](#)
- **Contact Person:** Nadia Mujica (Nadia.MUJICA@iucn.org (Accredited Entity))

Resultados e impactos –Altiplano resiliente (FP087)

**32,349 Has
Restauradas
con AbE**

**4,930 Has
Restauradas con
prácticas
agroforestales.**

**20 Consejos de
microcuencas**

**50 parcelas
demostrativas**

Impactos ambientales integrados

- AbE como estrategia estructural (relación ecosistema- co beneficios sociales)
- Manejo de agua-suelo para enfocadas en la adaptación al cc (sistema keyline)
- Reducción de escorrentía superficial de hasta 25% en microcuencas
- Aumento de infiltración de agua en subsuelo
- Mejora de humedad de suelo a nivel de parcela

Beneficios institucionales- sociales

- Fortalecimiento de la gobernanza local y mejora de los medios de vida mediante prácticas sostenibles (consejos de microcuencas y mesas agroclimáticas)
- Capacitación en información climática y acciones a tomar en consecuencia
- Integración de saberes tradicionales y modernos
- Empoderamiento de comunidades locales

Seguridad Alimentaria

- Aumento de la productividad agrícola y estabilidad de cultivos mediante técnicas AbE
- Diversificación de cultivos
- Información climática adaptada al productor (prácticas locales de manejo de cultivo, de suelo y agua, que ayudan a afrontar los eventos climáticos de la temporada) Boletín agroclimático MTA - DEFM 24-25

Barrera-Trabajo en Silos: Como lo abordamos desde Altiplano resiliente?

- Mecanismos de gobernanza inter institucional local existentes fortalecidos (consejos de micro cuencas, mesas agroclimáticas).
- Planificación territorial y validación de acciones técnicas de manera participativa
- Articulación de incentivos existentes (PIMPEP, PROBOSQUE, GCF micro grants)
- Capacitación de organizaciones locales que apoyan a pequeños productores en el territorio.



Panel Discussion



Nadia Mujica, Regional Multilateral Portfolio Manager | IUCN

Q. In your experience, what is the single biggest barrier to implementing synergistic projects—is it institutional silos, financial constraints, technical capacity, or political will? Please share a brief story of how you navigated that barrier.

WWF | FP203: Heritage Colombia

Key Details

Start Date: 14/07/2023

End Date: 14/07/2033

Location: Colombia

Budget: USD 145m

Funding Partners:

Green Climate Fund: 42,974,559

Government of Colombia: 69,400,000

WWF-US (Private donors): 32,777,951

Objectives & Scope

Focus Area(s): Mitigation & Adaptation

Objective: To realize a new paradigm of sustainable landscape finance using the Project Finance for Permanence (PFP) approach that combines climate-resilient management practices in and adjacent to protected areas while improving the resilience of local livelihoods.

Key Activities:

- Governance structures for climate-responsive planning and development improved and implemented
- Participatory monitoring systems that generate climate information used for improved decision-making in territorial planning
- Land management improved and restoration implemented to reduce carbon emissions and strengthen adaptive capacity of vulnerable communities

Beneficiaries: 329,658 direct beneficiaries and 16,614,522 indirect beneficiaries

Status & Impact

Current Status: Under Implementation

Achievements: EbA results only expected at end of project. Coordination mechanisms with the Government of Colombia still under development

Expected Impact:

8.9M t CO2e emissions reduced, avoided or removed/sequestered

329,658 direct and 16,614,522 indirect beneficiaries

5.72M hectares of land brought under climate-resilient management practices

USD 7.2M (annual) leveraged finance at project end

Potential Co-benefits:

Co-benefit 1: Improved water regulating services as a result of sustainable land management (volume)

Co-benefit 2: Biodiversity strengthened (additional suitable habitat and increasing connectivity - through the creation of corridors - for vulnerable species such as Puma, Jaguar, Andean Bear and Mountain Tapir amongst other species)

- **Implementing Partners:** Fondo Patrimonio Natural and WWF-Colombia with Parques Nacionales Naturales de Colombia
- **Link to Project Website:** www.worldwildlife.org/pages/heritage-colombia-heco
- **Contact Person:** Shagai Mandakhbayar (Shagai.Mandakhbayar@wwfus.org)

Panel Discussion

Lucas Black, Vice President, Climate Finance & Head of the GCF Accredited Entity Unit | WWF

Q. How can NDAs and AEs more effectively convene sectoral ministries, and ministries of finance and planning at the very beginning of the project cycle to avoid siloed approaches and foster true cross-sectoral ownership?

CABEI | “Ecosystem-Based Adaptation to Increase Resilience to Climate Change in the Central American Dry Corridor and Arid Zones of the Dominican Republic” Programme

Key Details

Start Date: 05/Feb/2024

End Date: 05/Feb/2031.

Location: Guatemala, Honduras, El Salvador, Costa Rica, Nicaragua, Panama and the Dominican Republic

Budget: US\$268.3 m

Funding Partners: Beneficiary countries.



Objectives & Scope

Focus Area(s): **Adaptation**

- ✓ Ecosystems and ecosystem services
- ✓ Livelihoods of people and communities

Objective: Strengthen the adaptive capacity and climate resilience of **vulnerable, rural communities, including farmers and entrepreneurs**, in the Dry Corridor region of Central America and in the arid zones of the DR.

Key Activities:

- **Activity 1:** Technical Assistance & Knowledge Sharing support on EbA practices and water/resource-efficient technologies.
- **Activity 2:** Implement landscape - based EbA solutions in rural communities
- **Activity 3:** Establish and Operationalize the EbA Financing Facility (lending and guarantee).

Beneficiaries: 2.4 m

Status & Impact

Current Status: Under Implementation

Achievements:

TBD

Expected Impact:



+1,084,441 direct



+1,364,044 indirect

Potential Co-benefits:



Forest and agroforestry conservation/restoration, biodiversity, soil and water protection.





Improved water access, resilient livelihoods, cultural preservation, reduced inequality/poverty, enhanced skills



Jobs, alternative livelihoods (e.g., ecotourism), and access to finance



Gender sensitive development and Post COVID recovery.

- **Implementing Partners:**  
- **Link to Project Website:** [Programa del Corredor Seco Centroamericano - Banco Centroamericano de Integración Económica](#)
- **Contact Person:** Veronica Ruíz. vruiz@bcie.org.

CABEI | Sustainable Recovery of Lake Yojoa Programme

Key Details

Start Date: October 2025

End Date: October 2030.

Location: Honduras in 4 municipalities.

Budget: US\$100.0 m

Funding Partners:



Objectives & Scope

Focus Area(s): **Adaptation-** watershed and ecosystem restoration

Objective: Comprehensive initiative to restore and preserve the water quality and biodiversity of the lake, designed to address the main environmental, social, and economic threats affecting this strategic ecosystem of the country.

Key Activities:

- **Activity 1:** Construction of climate resilient infrastructure: sanitary landfills, water and sanitation system
- **Activity 2:** Strengthening of local technical capacities and governance structures
- **Activity 3:** Sustainable development environmental education and awareness.

Beneficiaries: 2.4 m

Status & Impact

Current Status: Approved by CABEI

Achievements:

TBD

Expected Impact:

- ✓ 288,146 people with improved access to drinking water (23%), solid waste management (58%) and sanitary sewage services (19%).
- ✓ 800 producers received technical assistance
- ✓ 167,146 beneficiaries increased resilience
- ✓ 43,475 ha. conserved and protected.

Potential Co-benefits:



Climate resilience, biodiversity (RAMSAR site), GHG emission reduction.



Cultural preservation, improve sanitation and water supply, resilient Local Development (sustainable tourism and agriculture)



Jobs, poverty reduction.



Gender empowerment.

- **Implementing Partners:** Natural Resources and Environment Ministry, Finance Ministry.
- **Link to Project Website:** www.bcie.org
- **Contact Person:** Veronica Ruíz. vruiz@bcie.org.

Panel Discussion

Veronica Ruiz, Head of Project Formulation Department | CABI

Q. CABI has partnered with UN agencies on jointly developing initiatives. How can these collaborations be leveraged to co-develop GCF projects that deliver integrated outcomes across climate, land, and biodiversity—and what institutional or operational lessons from these joint efforts could inform future MDB–UN partnerships?

Q&A



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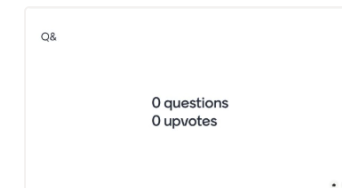


Menti

LATAM RD Side Event Ri...



Choose a slide to present



Q&A

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No questions from the audience!

Incoming questions will show up here so that you can answer them one by one.



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LATAM RD Side Event RI...



Choose a slide to present



Q&

0 questions
0 upvotes

Closing remark

- Nancy Moreno, Programme Management Officer, Global Mechanism | UNCCD



Thank you

Santo Domingo, Dominican Republic
15–17 September 2025