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# Pipeline development: Ecosystems & Ecosystem Services

Day 2, 14<sup>th</sup> September - 12:00 – 13.00

Chris Dickinson, GCF

13–15 September 2022  
Incheon, Republic of Korea

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# Agenda



Topic	Panel Member
<b>Panel Introduction</b> <b>A. Mobilising Finance at Scale</b>	Chris Dickinson, Senior Specialist Ecosystems Management, (Green Climate Fund)
<b>B. Transformational Planning and Programming</b>	Jessica Troni, Chief Climate Change Adaptation Unit, (UN Environment)
<b>C. Catalysing Climate Innovations</b>	Dirk Snyman, Climate Finance Director, The Pacific Community (SPC)
<b>D. Building Coalitions and Knowledge to Scale-up Success</b>	Pierre-Yves Guedez, Senior Climate Change Specialist, International Fund for Agriculture Development (IFAD)
<b>Questions from the audience</b>	

# Ecosystem Services / 'Nature' and Finance Needs

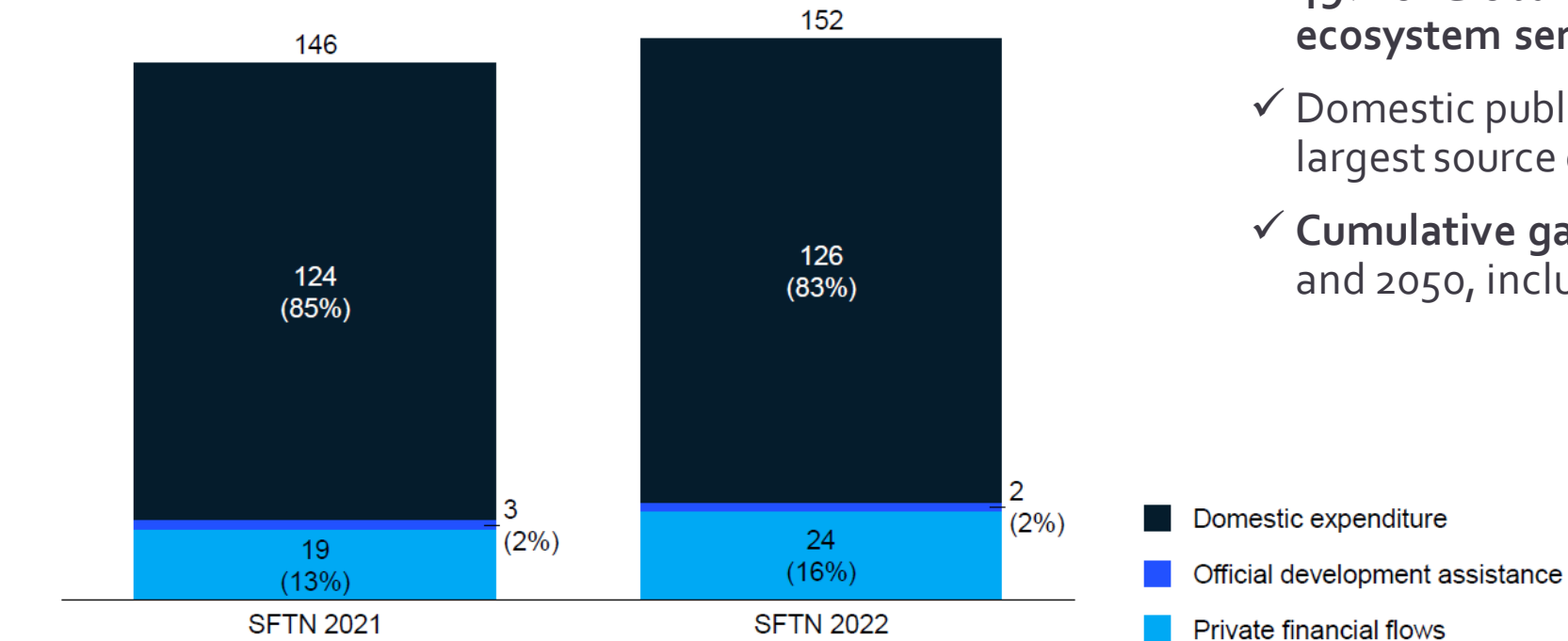


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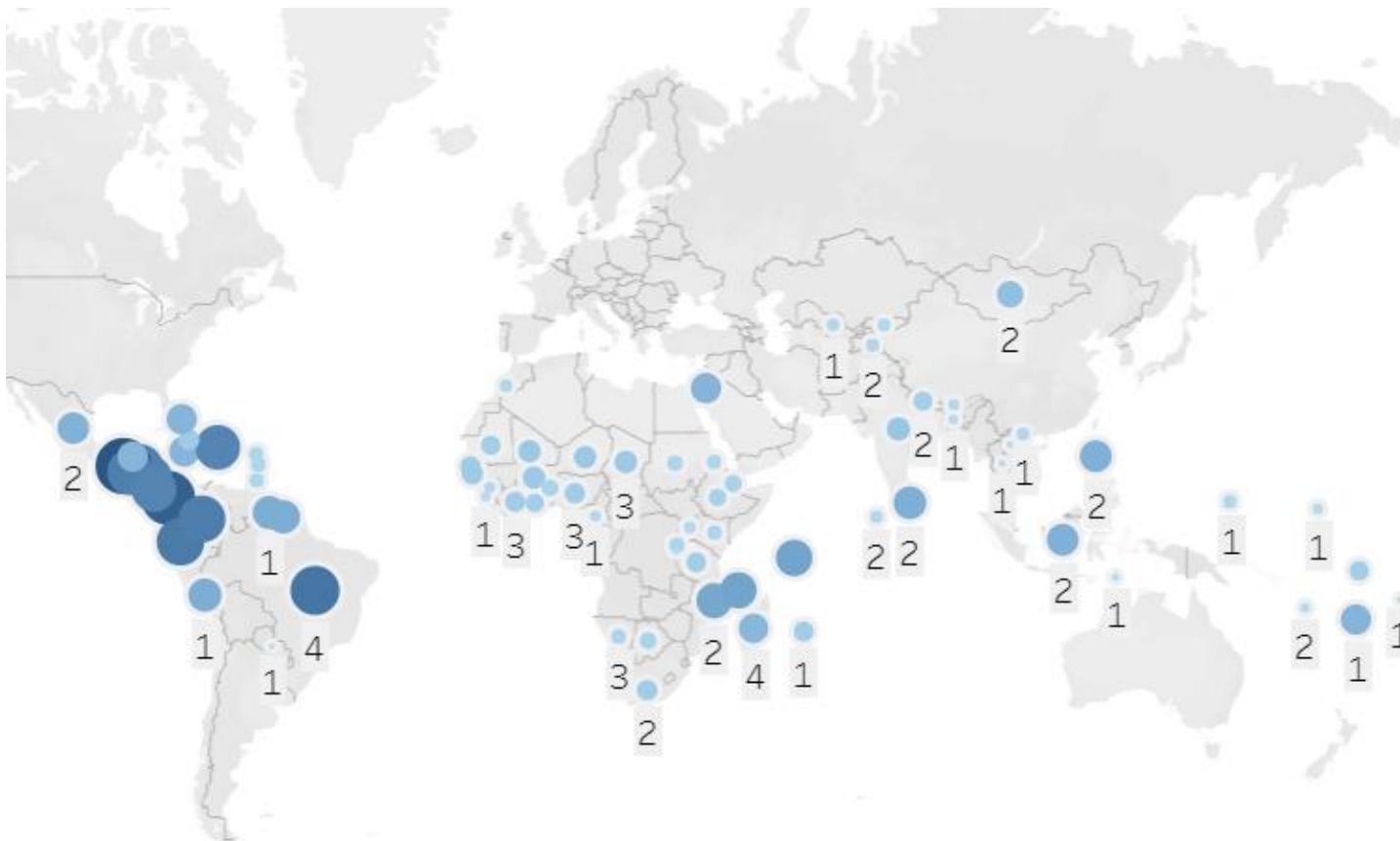
## Sum of annual financial flows in nature

\$ billions (2022 USD)



- ✓ 49% of Global GDP is moderately dependent on ecosystem services (McKinsey, 2020)
- ✓ Domestic public expenditures remains by far the largest source of NbS finance.
- ✓ Cumulative gap of USD 8+ trillion between 2022 and 2050, including marine

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- ✓ 78 projects with Ecosystems Result Area (32 Africa, 22 LAC, 24 Asia-Pacific)
- ✓ GCF approved funding: USD 1.16 billion
- ✓ Financial Instrument: Predominantly grants.
- ✓ Resilient green 'Infrastructure'
- ✓ Mangroves; coral reefs – coastal protection
- ✓ Upland forests – watershed / erosion / landslide
- ✓ Wetlands – flood management
- ✓ Sustainable landscapes -

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Aug 2022, up to B.33





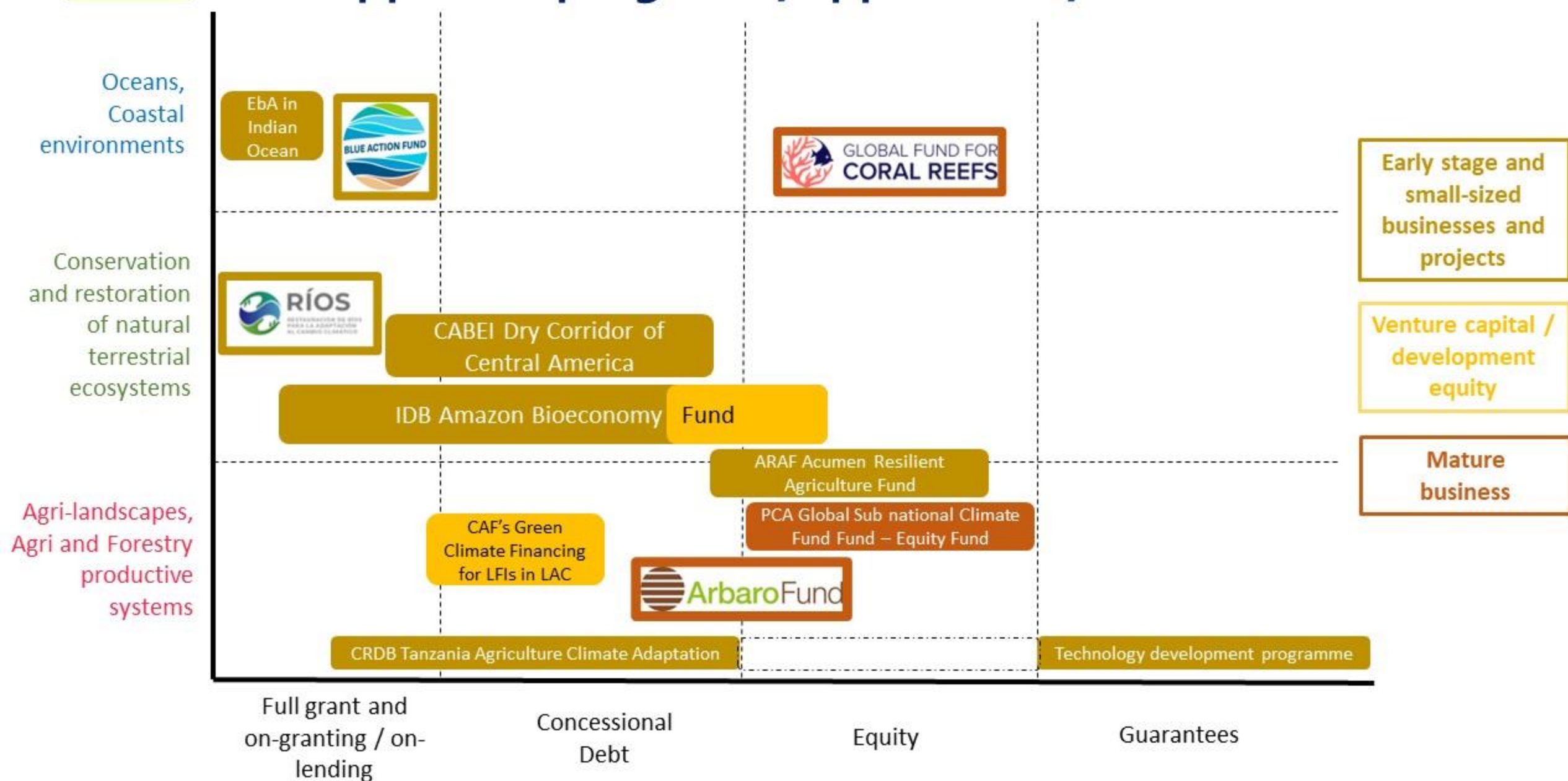
## GCF Ecosystems and Forest Land Use Projects under implementation

- ✓ Restoration
- ✓ Conservation
- ✓ Sustainable management





# GCF approved programs, approaches, instruments



# FP183 - IFAD IGREENFIN 1: Inclusive Finance for Agriculture



## Description

### Objective:

Building and scale-up of the resilience and adaptive capacity of communities, farmers' organizations, cooperatives, and MSMEs enabling beneficiaries to access credit lines for green agricultural investments (incl. renewable energy) through **local national agricultural banks (LNABs)**.

### Components:

- **Green Business Financing Facility** – Provide concessional loans to National Agricultural Banks (LNABs) to foster adaptation and mitigation best practices for green businesses
- **Technical Assistance Facility** - Capacity-building and technical assistance for LNABs, local lenders, recipients and governments (central banks).
- **GGW Regional Support Program** –

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**AE:** IFAD  
**EE:** IFAD, Nat'l Ministries if Economy or Finance  
**Geography:** 13 countries  
**5 countries Comp 1,2:** Burkina Faso, Cote d'Ivoire, Ghana, Mali, Senegal  
**11 countries Comp 3:** Burkina Faso, Chad, Djibouti, Eritrea, Ethiopia, Mali, Mauritania, Niger, Nigeria, Senegal and Sudan

**Co-finance ratio: 1:0.71**

**ESS:**  
B

**Climate Impact:** 5.64 m tCO<sub>2</sub>eq (lifetime 25 yrs)  
 378.6k direct and 2,5 indirect beneficiaries

Fund Sources (USD mil)		Uses (USD mil)
GCF senior loan	90	Comp 1: 130
GCF grant	36.9	Comp 2 68.99
IFAD grant	33	Comp. 3 8.88
IFAD loan	14	
AfDB grant	18	PMC: 4.04 (4.9% total)
IsDB loan	15	GCF PMC=1.75
NDBs	10	(proportional to GCF Grant)
<b>Total:</b>	<b>216.9</b>	<b>Total: 216.9</b>

# FP173 - IDB Amazon BioEconomy Fund



## Description

### Objective:

**Amazon ecosystem valuation for natural capital** and thereby enable bio-enterprises along their value chain to conduct GHG-reducing bioeconomy investments.

### Components:

- Catalyzing the **private sector** and mobilizing resources for **biodiversity conservation and ecosystem restoration**
- Enabling Environment and Policy Reform
- Strengthening Governance of Amazon Biome: Leticia Pact
- Support for structuring Bonds issuance

### Results areas:

- Crosscutting

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CN: ☒

FP: ☐



AE:



EE: IDB, other DAEs, IAEs

**Countries:** Bolivia, Brazil, Colombia, Ecuador, Guyana, Peru, Suriname

Co-financing  
Ratio:

**1:1**

ESS  
**B TBC**

**Climate Impact**

Cross cutting

Sources (USD million) – PRELIMINARY			Uses
GCF	Loan Grants	250.00 165.00 -----	<ul style="list-style-type: none"><li>• Bioeconomy Fund - Component 1 (190M)</li><li>• Developing and incentivising an enabling environment for bioeconomy financing and investments - Component 2 (160M)</li><li>• Support for PPP Forestry and Park Conservation, forestry Concessions - Component 3 (30M)</li><li>• Support for structuring Bonds issuance - Component 4 (35M)</li></ul>
	Total GCF	415.00	
IDB	Loan Guarantee	360 TBD	<ul style="list-style-type: none"><li>• Bioeconomy Fund - Component 1 (260M)</li><li>• Developing and incentivising an enabling environment for bioeconomy financing and investments - Component 2 (100M)</li></ul>
Total (USD)		775	



# FP183 - Pegasus - Global Fund for Coral Reefs

## Description



### Objective:

- **Equity fund** targeted to enhance the resilience and adaptive capacity of coral reef ecosystems and the communities that depend on them
- Achieved by **unlocking and de-risking private investment** in the most resilient reefs
- **Investments** focusing primarily on reducing or eliminating key drivers of coral reef degradation

### Target Reefs:


- Most resilient reefs based on
  - 50 Reefs Bioclimatic Units (BCUs) presence/absence and
  - UNEPs Future Coral Bleaching study having projections of future coral bleaching conditions using IPCC CMIP6 models


### Sectors:

- Sustainable Ocean production
- Sustainable Eco-tourism
- Sustainable Infrastructure and pollution management


CN: ☐ FP: ☒



AE: 

EEs: 

Geography: Global (28 Countries)

Co-financing Ratio: <b>1:3*</b>	ESS <b>I-2</b>	<b>Climate Impact</b>  Beneficiaries: 3.83m Direct / 39.5m Indirect Adaptation
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Projected Sources (USD mil)		Uses (USD mil)
Co-investment:		
GCF (Equity)	125	Equity investments in businesses and projects that target reefs and vulnerable communities for climate resilience
Co-Investment (Equity)	375	
<b>Total</b>	<b>500</b>	
		<b>Total</b> <b>500</b>

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# THE ECOSYSTEMS AND ECOSYSTEM SERVICES SECTOR GUIDE



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Draft Sectoral Guide consultation

## Ecosystems & ecosystem services



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Sectoral  
Guides

#Ins

### Sectoral guide name

### Cross-sectoral issues addressed

#### Ecosystem and ecosystem services (this guide)

Ecosystem-based management of terrestrial and freshwater ecosystems (incl. peatlands; wetlands; forests; grasslands; land restoration, conservation and sustainable management for ecosystem services; watershed management).

**Ecosystem-based coastal zone and marine management (including marine ecosystems, mangroves; seagrass; fisheries and fishery supply chain management).**

#### Agriculture and food security

Agroforestry; soils, grassland and water management for food production; livestock and manure management; aquaculture; climate information for farmers; insurance; and staple and cash crops food systems

#### Forest and land use

Forest protection, restoration and sustainable forest management; natural protected area systems, REDD-plus, timber and non-timber forest products, deforestation-free supply chains.

#### Energy

Biomass fuels from natural ecosystems; Hydro energy

#### Water

Water management for flood control, hydrological services in PES schemes.

#### Health

Ecosystems resilience for human health and populations relying on healthy ecosystems for their livelihoods.

#### Urban areas

Integrated urban development planning for green cities; ecosystem services provision in smart cities to reduce heat island effects.

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# Contact Details



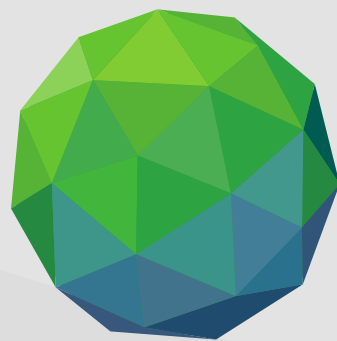
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