

Shared Value of Existing and Restored Ecosystem Services

Oceans Forum on trade-related aspects of Sustainable Development Goal 14

Mr. Federico Vignati

CAF- Development of Latin America



About CAF

- Latin American **multilateral financial institution**, essentially owned by developing countries
- Provides multiple types of **financial and non-financial services** to clients in the public and private sectors of its member countries.
- We Promote the **conservation** of the natural and social capital, facilitating the migration towards a low-carbon and resilient to climate change economy, with social **inclusion** and equal opportunities.

Mission:

- ✓ Sustainable development
- ✓ Regional integration

CAF

- 19 countries
- 14 private banks



CAF Response for Biodiversity and the SDG's

DACC - Environmental and Climate Change Division

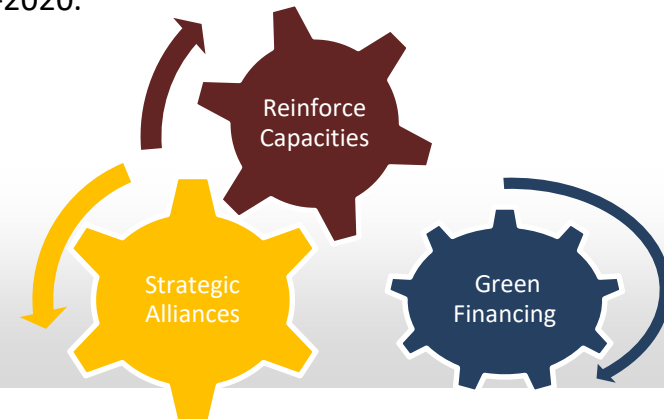
Committed to promote the conservation of the natural and social capital, facilitating the migration towards a low-carbon and resilient to climate change economy, with social inclusion and equal opportunities.

1. Green Business Unit

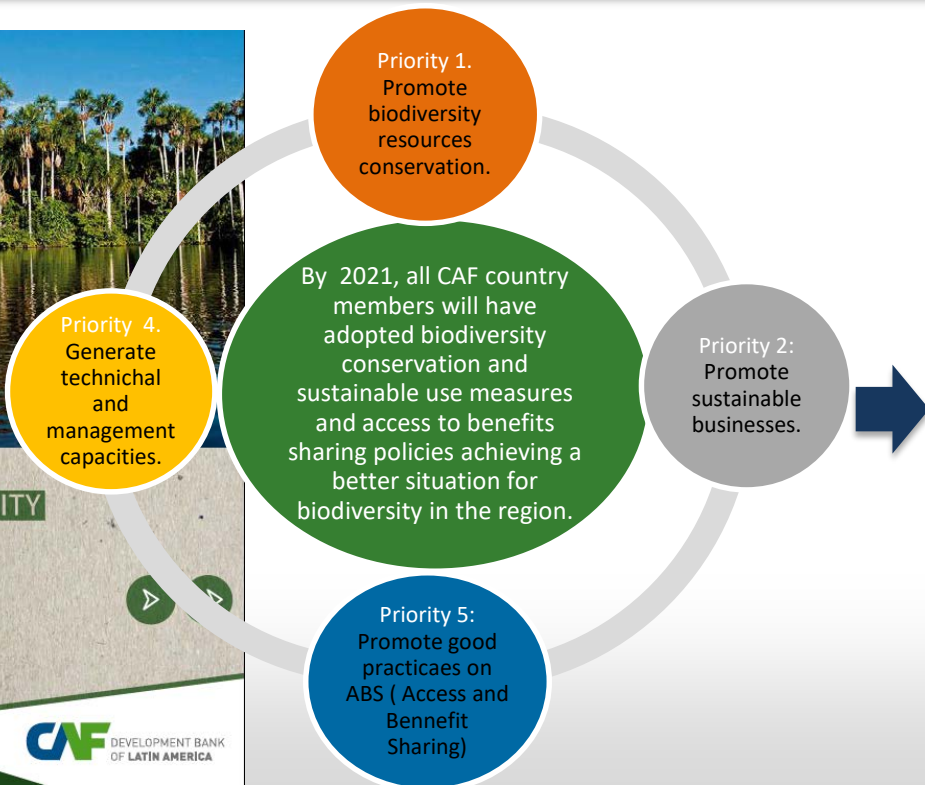
2. Institutional Environmental Management Unit







3. Climate Change Unit

- ✓ 3 operative units;
- ✓ 8 programs;
- ✓ 14 benefited countries;
- ✓ 22 executives;
- ✓ US\$ 3.4 millions for Technical Cooperation in 2016.
- ✓ US\$ 1.2 Billion available for Green Financing 2017-2020.



CAF - Biodiversity Strategy: Marine and Coastal Commitments



Marine and Coastal Ecosystem Services Actions for 2015-2020	Aichi Target And SDG's
Support the identification, conservation, and restoration of fragile and vulnerable land/or marine ecosystems	  
Promote initiatives for the establishment of marine value chains and ecosystem services, based on the generation of scientific information that allows for the valorization of the oceans	   

Marine and Coastal Biodiversity in Context (LATAM)

- ✓ Coral Reefs in the caribbean support the nearly **\$50 billion tourism industry** and the **25 million visitors** that visit the caribbean region each year.



- ✓ Marine fisheries and aquaculture exports contributed nearly **\$15 billion to GDP 2016**

- ✓ Marine habitats like seagrass beds, salt marshes and mangrove, **protect property and infrastructure** from flooding, erosion, and natural hazards like hurricanes. The LATAM region host 1/3 of the worlds mangrove.



- ✓ The market for **certified seafood is growing** rapidly in LATAM, now nearly **10%** of fisheries trade.

Facts we need to face as opportunities

- Demographics moving from 7.5b. in 1975 to 9 b. by 2050.
- 40% of the world oceans are threatened by overfishing, pollution , habitat degradation with implications on jobs, weel-being and economic development is real.
- Plastics in the ocean will outweigh fish by 2050. This is critical.
- We know very little about undersea life, specially in deep seas, we have very limited knowledge on the impact of plastics in marine/fish mortality rate and ecosystems health.
- 55% of population in LATAM live within the coastal areas and around 70% within 100 km to the coast side.
- Even though oceans **still** provide 63% of global ecosystem services with a total market value of around 4 trillions of dollars.
- SDG 14 is creating momentum for flipping the oceans economy system.



More opportunities, a better future

Shifting mindset - Ecosystem services perspective on fisheries

Fisheries as a provisioning service (good) that can be assessed independent of other services?

-or-

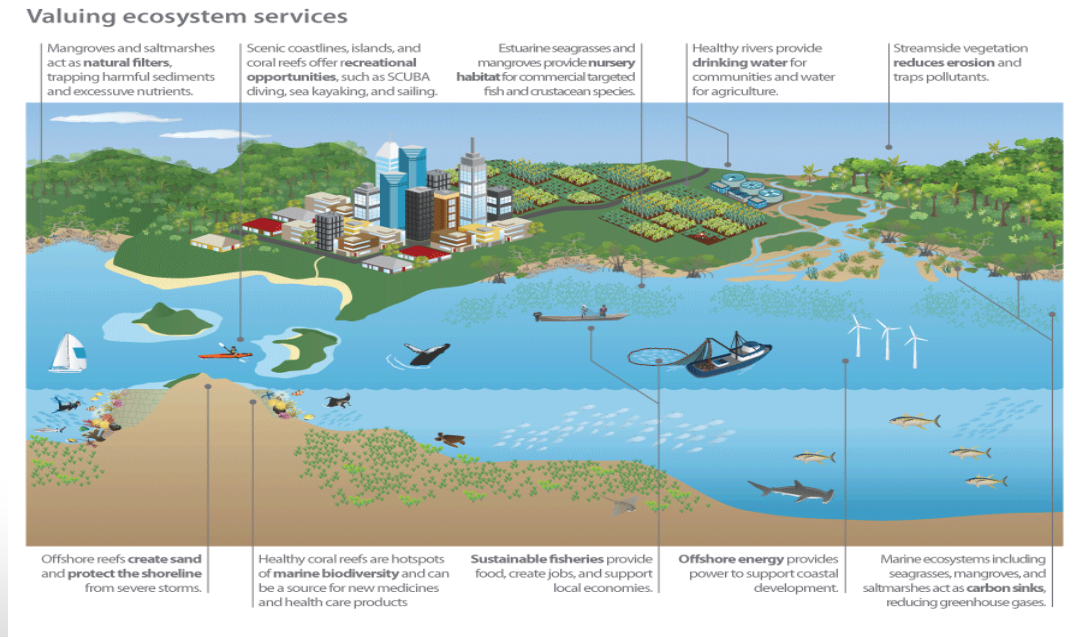
Fisheries are service that relies on ecosystems health impacting production, quality and profitability?



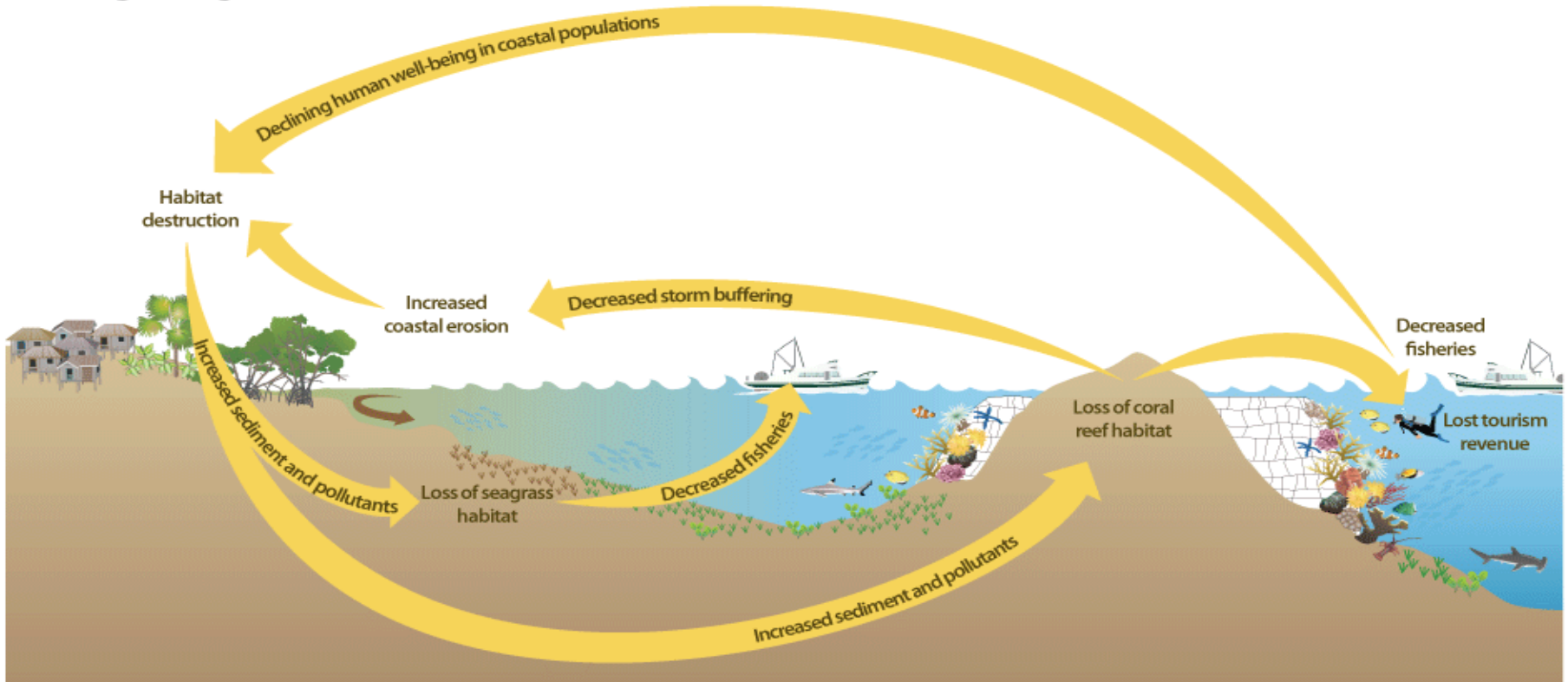
More opportunities, a better future

Fisheries and aquaculture competitiveness relies on a variety of ecosystem services (also the case for other investments)

- Shoreline stabilization
- Disaster mitigation
- Fish nursery habitat
- Water quality maintenance
- Disease control
- Among others.....



Experience shows that there is a relationship between fisheries and coastal habitats can be negative when degradation occurs:



The opportunity - Risk reduction through Healthy Ecosystem Services

Maintaining or enhancing coastal ecosystems and associated services can reduce risks by:

- Providing predictable supply of both wild capture fisheries biomass and fishmeal used as feed in aquaculture;
- Protecting fisheries infrastructure (boats, docks, processing facilities, etc.) from natural hazards;
- Allowing for an ethical expanded market and increased responsible demand;
- Maintaining quality control that ensures better, safer fisheries products.



CAF Investments in Coastal and Marine Ecosystem Services

- Identification specific opportunities for targeted investment that enhances ecosystem services in LATAM.
- Blue Biotrade Principles (UNCTAD, CAF, Smithsonian)
- Blue Biotrade Evaluation (Ecotourism and WW)
- Providing green financing for circular economy and technological shift for sustainable sound investments.



Our Goal and Challenges

To mainstream ethical biodiversity based trade and demonstrate the value of marine and coastal ecosystem services as natural capitals that need investment for its sustainable use:

1. Reduce the cost of incremental change through green financing.

2. Provide proof of concepts of diversified and integrated business models that rely on marine products and services.

3. Promote BioTrade as a driver for ethical trade, social inclusion, innovation and competitiveness for LATAM.

There is an immediate trade off decisions that needs to be taking to shift to a more sustainable and profitable oceans economy.

¿ How?

- ✓ Supporting an enabling business environment.
- ✓ Investing in strategic projects.
- ✓ Providing green financing.
- ✓ Supporting Coastal and Marine Ecosystem Assessments.
- ✓ Promoting knowledge brokering at regional and international level.



Thank you for your kind
attention.



Más oportunidades, un mejor futuro.

Federico Vignati

Principal Executive – Regional Biodiversity Coordinator - Green
Business Unit

fvignati@caf.com