



# BLUE FINANCE

**One day conference  
«Green Financing  
opportunities in Greece  
and SE Europe»**

**April 5, 2023**

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# Blue Economy and Blue Finance

Blue finance is an emerging area in climate finance

Blue Economy is about the sustainable use of ocean resources for economic growth, improved livelihoods, and jobs while preserving the health of ocean ecosystem

## Areas/Sectors of Blue Economy



Fisheries and Aquaculture



Coastal Tourism



Offshore RES



Marine Ecosystems Restoration



Shipping, Ports and Maritime Transport



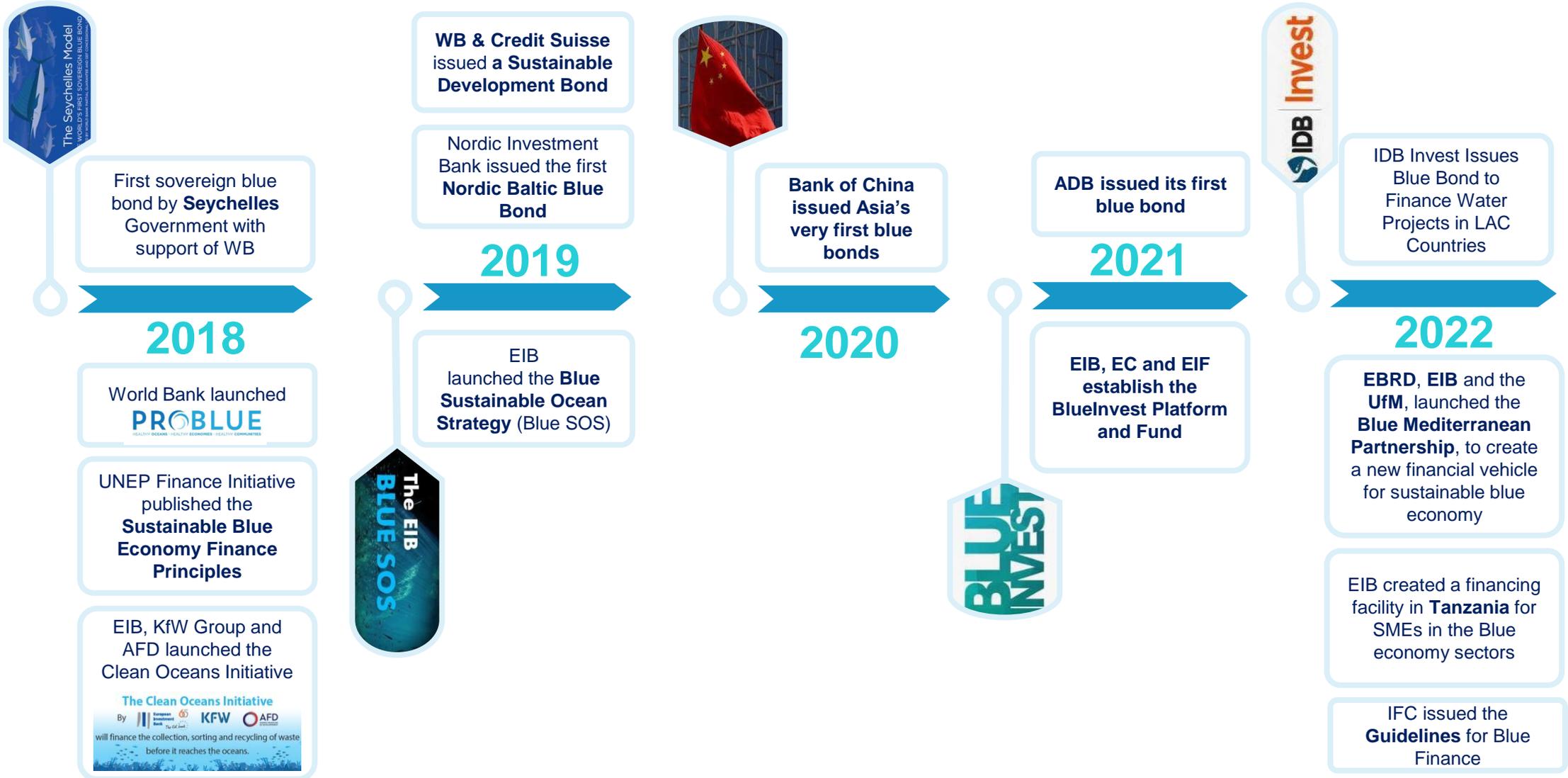
Plastics Recycling



Marine Biotechnology

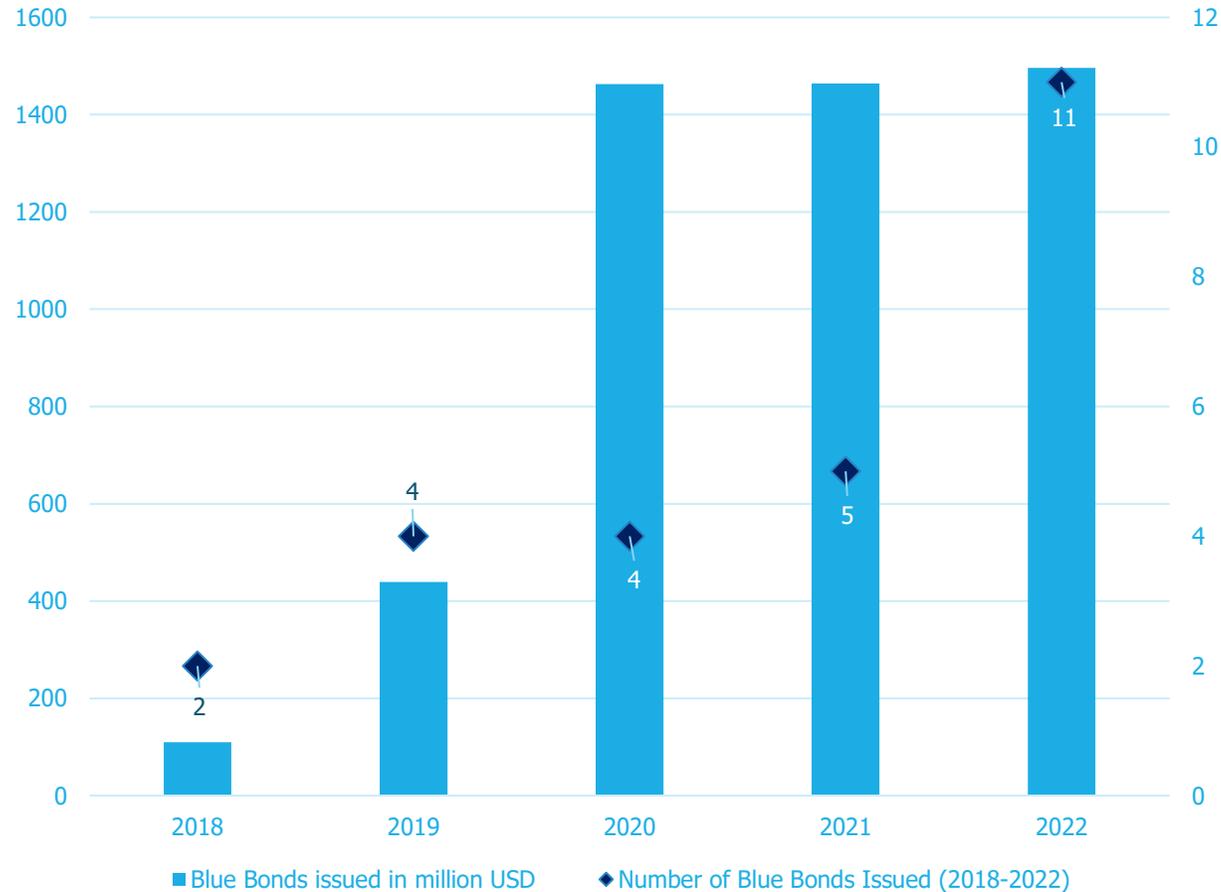
# Blue Initiatives

Blue is the new green. Ocean, seas, marine and freshwater resources and ecosystems is the focus

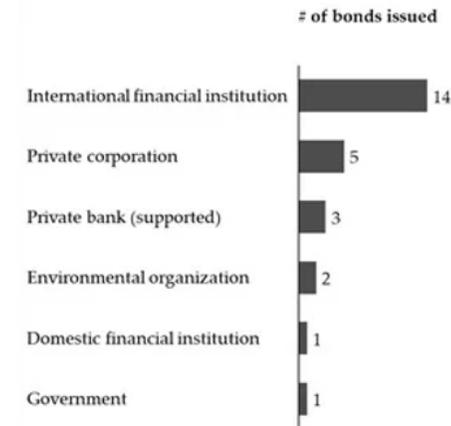


# Blue bonds as instrument of blue finance

Between 2018 and 2022, 26 blue bond transactions took place, amounting to a total value of USD 5.0 billion. - Blue bonds can be issued by *international financial institutions, private corporations, banks, government (central or local) etc.*



Blue bonds issued, by type of actor, 2018-2022



Source: Pieter Bosman et al., (2023). *The Blue Bond Market: A Catalyst for Ocean and Water Financing*. Available at: <https://www.mdpi.com/1911-8074/16/3/184>

# Blue bonds project eligibility frameworks




**Green Bond Principles**  
Voluntary Process Guidelines for Issuing Green Bonds  
June 2021




## ADB BLUE BONDS

FINANCE FOR OCEAN-POSITIVE INVESTMENTS IN ASIA AND THE PACIFIC

Asia and the Pacific depend on healthy and resilient oceans for disaster resilience, food security, and livelihoods. Healthy oceans also drive economies through tourism, fisheries, and aquaculture. However, climate change, overfishing, pollution, and unsustainable development have pushed our oceans to the brink of collapse. In order to address the growing funding gap required to protect and restore ocean health, global markets need to systematically change. Blue bonds encourage that shift by increasing the amount of capital that can be invested in oceans to finance solutions at scale.

**ADB BLUE BONDS**

The Asian Development Bank (ADB) has expanded its green bond framework to include ocean health investments. The new green and blue bond framework has taken a rigorous scientific approach to boost investor confidence and transparency in this emerging and important market. The framework aligns with both the International Capital Market Association's Green Bond Principles and the Sustainable Blue Economy Finance Principles hosted by the United Nations Environment Programme - Finance Initiative. ADB will issue its own Blue Bonds that cover investments across a diverse range of sectors and economic activities that impact ocean health, these include the following:



**Marine and Coastal Ecosystem Management and Restoration:**

- Ecosystem management and natural resources restoration.** Projects that sustainably manage, conserve and/or restore the health and resilience of coastal, marine, and river ecosystems. Projects must be within rivers that drain to the ocean, the marine environment, or within 100 kilometers (km) of the coast.
- Sustainable fisheries management.** Projects that improve environmental sustainability of fisheries and the seafood value chain.
- Sustainable aquaculture.** Projects that improve environmental sustainability of aquaculture, mariculture, and algaculture.



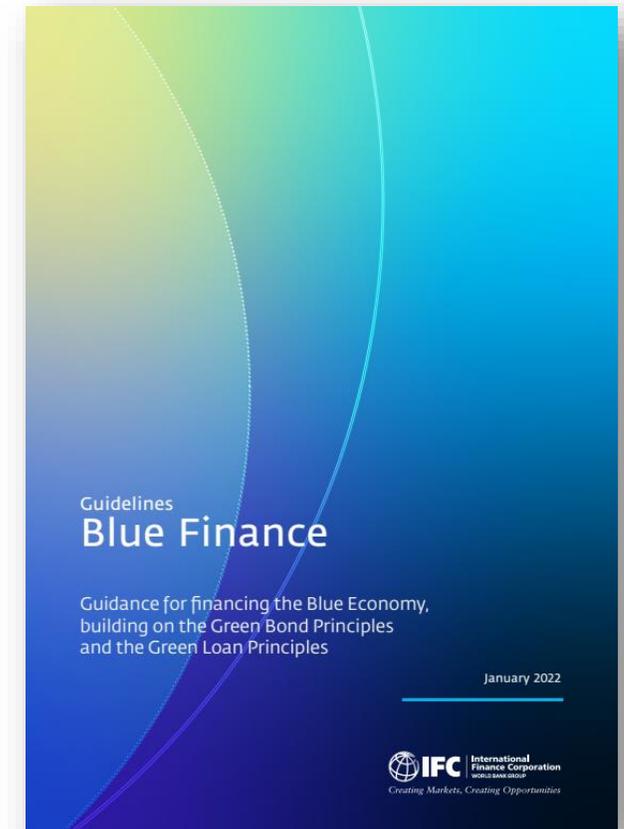
**Marine Pollution Control:**

- Solid waste management.** Projects that reduce marine debris and/or associated impacts to marine life. Projects must be within 50 km of the coast or a river that drains to the ocean.
- Resource efficiency and circular economy.** Projects that reduce marine debris and/or associated impacts to marine life.
- Non-point source pollution.** Projects that reduce pollution (e.g., nutrients, sediments, and chemicals) of coastal and/or marine environments. Projects must be within 200 km of the coast or within 50 km of rivers (and their tributaries) that flow to the ocean.
- Wastewater management.** Projects that reduce wastewater pollution of coastal and/or marine environments. Projects must be within 100 km of the coast and/or the marine environment.



**Sustainable Coastal and Marine Development:**

- Ports and shipping.** Ports and shipping. Projects that increase environmental performance and sustainability of maritime infrastructure and transport (e.g., reducing and mitigating ship strike, invasive species, pollution, and other impacts to ocean health).
- Marine renewable energy.** Projects that reduce greenhouse gas (GHG) emissions and increase contribution of marine and offshore renewable energy (e.g., offshore wind, tidal, wave, or ocean thermal energy) and renewable energy projects that support blue economy sectors (e.g., aquaculture and fishing). Increase capture and storage of GHG emissions using marine-based solutions and technologies.



## Guidelines Blue Finance

Guidance for financing the Blue Economy, building on the Green Bond Principles and the Green Loan Principles

January 2022



International Finance Corporation  
WORLD BANK GROUP  
Creating Markets. Creating Opportunities.

# IFC Blue Guidelines 2022

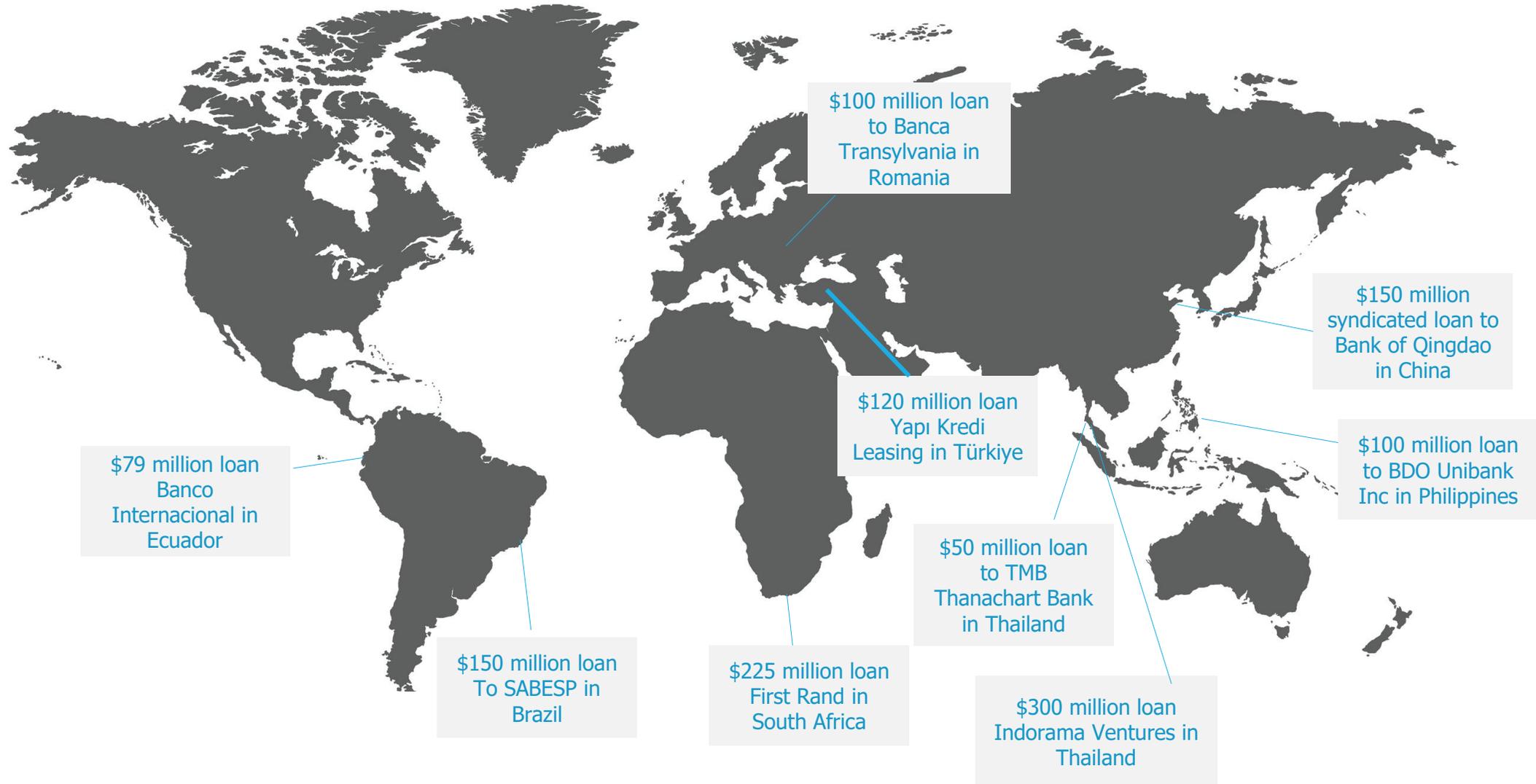
IFC Blue finance encompasses investments that address sustainable water management and ocean protection (SDG 6 and 14)



- A. Water supply
- B. Water sanitation
- C. Ocean-friendly and water-friendly products
- D. Ocean-friendly chemicals and plastics-related sectors
- E. Sustainable shipping and port logistics sectors
- F. Fisheries, aquaculture, and seafood value chain
- G. Marine ecosystem restoration
- H. Sustainable tourism services
- I. Off-shore wind



# IFC Blue Investments



# IFC Blue Finance projects by EXERGIA

- Croatia
- Serbia
- Romania
- Turkey
- Georgia
- Jordan
- Oman
- Pakistan
- Uzbekistan
- Poland
- Egypt
- Morocco
- South Africa
- Ghana
- Kenya
- Mozambique
- Nigeria
- Senegal



*A. Water supply*

*B. Water sanitation*

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# Thank you

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