Intergovernmental Group of Experts on Financing for Development

Third Session

4–6 November 2019
Palais des Nations, Geneva
Environmental protection and climate change mitigation - challenges for international development cooperation

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INTERGOVERNMENTAL GROUP OF EXPERTS ON FINANCING FOR DEVELOPMENT

05/11/19
1. Climate finance: rough chronology

1980s
Public sector official development assistance (ODA) - 1980s debt-for-nature swaps

late 1990s
Financialisation part I: assets and income streams, biodiversity offsets, ecosystem services, REDD + forest conservation late 1990s neoliberal counterrevolution

1990s-2000s
UNFCCC Kyoto Protocol, Clean Development Mechanism, carbon accounting, sequestration, Carbon Emissions Reductions (CERs)

2000s
Financialisation part II: Green bonds and capital markets: derivatives, indexes and synthetics, species bonds, conservation bonds

2011
Hybrid fund-of-funds: Green Climate Fund

2014
Insurance-linked securities
Sovereign catastrophe bonds
1.1 *return flows from climate-related ODA to donors*

There are many indicative cases which show:

- projects with full operating costs recovery
- large proportions of funds spent on consultancy, planning and management using Northern based firms or DFIs;
- excessive claims for knowledge products which underuse pre-existing knowledge and domestic capacity.
1.2 Blended finance: Kasigau

• For example, a case study:

  • October 2016 the IFC sold a $152 million forestry bond for the Kasigau Corridor in Kenya, one of the largest REDD+ projects globally.
  • The bond allows investors to be paid in cash or carbon credits, or a combination of the two.
  • IFC is underwriting as a guaranteed purchaser of the carbon credits from Kasigau, and will distribute them to investors when due.
  • BHP Billiton provides a liquidity support mechanism.
2. What is ‘green’ in Green Bonds?

- ‘green’ is currently determined by two main qualifications:
  - either the proceeds of the bond are (supposed to be) spent on environmentally beneficial projects – called ‘use of proceeds’ bonds;
  - and/or the issuers themselves badge them as ‘green’ with an accompanying narrative – called ‘self-labelled’ bonds.

Green Bonds Market 2019

<table>
<thead>
<tr>
<th>2019 Issuance</th>
<th>$202.2bn</th>
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<tr>
<td>(aligned with CBI definitions)</td>
<td></td>
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<tr>
<td>Certified Climate Bonds</td>
<td>$39.2bn</td>
</tr>
<tr>
<td>Labelled green bonds aligned with CBI definitions</td>
<td>$163.0bn</td>
</tr>
<tr>
<td>Labelled green bonds not aligned with CBI definitions (and excluded from 2018)</td>
<td>$51.0bn</td>
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“Green bond’ market leaves wildlife behind”
Financial Times 2019
3. Insurance: risk pooling in catastrophe bonds

“Africa needs solutions. The XCF [extreme climate facility] will offer African nations a new financing mechanism to manage climate risks by providing direct access to new private capital and by leveraging development partner contributions. We are leading the way in innovative climate finance”

Dr. Ngozi Okonjo-Iweala, Nigeria’s Minister of Finance and Chair of Africa Risk Capacity (ARC)’s Governing Board, 23rd September 2014

“XCF will ensure that African countries and the international community appropriately monitor climate shocks and will be financially prepared to implement specific adaptation measures in an effective and accountable manner, leveraging ARC’s existing public-private infrastructure. The XCF allows us to leverage private capital against the risk of increased frequency of severe climate events, while using public money to fund immediate and certain adaptation requirements”

Dr. Richard Wilcox, founding Director General of ARC
“The XCF will be designed to be objective and data-driven, using a baseline of 30-year climatology data for Africa. Consistent meteorological information covering the entire continent is available since the start of the satellite era in the early 1980s and will be used to calculate a multi-hazard extreme climate index for each region”

“climate cat bonds will use a trigger structure linked to a parametric index constructed from various types of climate and weather data, which will parametrize increases in the severity and impacts of weather events, so the bonds will trigger should the index reach above pre-defined levels”
3.1 Climate Change: an uninsurable, systemic risk?

- IMF paper: “..expected damages caused by unmitigated climate change will be high and the probability of catastrophic tail-risk events is nonnegligible.”

- “There is growing agreement between economists and scientists that the tail risks are material and the risk of catastrophic and irreversible disaster is rising, implying potentially infinite costs of unmitigated climate change, including, in the extreme, human extinction”

• “The absolute unbankability of an insurance response to slow-onset events such as sea-level rise epitomizes the difficulty of stretching risk’s spaces not just spatially, but also temporally: sea-level rise is a risk materializing in slow(er)-motion, the accumulation of hundreds of years of fossil fuel combustion and the inertia of the climate system. And when the outcome is slow and certain rather than quick and random, no willing buyers can be found: risk becomes a certainty to be brutally borne by territories and populations who must engage in ‘transformational adaptation’ or cease to exist”

Going forward

• Climate finance too small in relation to the required needs of climate change mitigation and adaptation in terms of the environment and human-built environments for a sustainable future.

• Climate change mitigation, adaptation and resilience appear as defensive practices, reactive and palliative

• Solutions

• Needs a massive ‘capital switch’ in favour of a climate mitigating, climate adapting, new socioeconomic reconfiguration which rewrites humans’ relationship with ecology

• Need a new commitment to mainstream change across government (national and global) to create policy that tackles climate change production

• People, animals and nature need a Green New Deal
KwaMashu, climate change adaptation workers May 2016

SIYABONGA! All our participants