



FinSAC approach to GREEN FINANCE

- May 2022 -

FCI Climate Finance Offering



Disclosure & Reporting

- Taxonomies and reporting standards to support transparency for climate-risk informed investments.
- Environmental credit ratings, external review providers (e.g., verification, certification, assurance)



Risk Management

- Climate risk finance instruments to protect households, businesses and governments against climate shocks and disasters
- Prudential regulations & stress testing to manage risk, increase financial stability, and incentivize greener investments



Green Finance

- Green finance instruments (e.g., green bonds, green housing finance, cat bonds) to allow for investments with a positive climate impact and financial return
- **Green investors** to support institutional investors in incorporating climate into their investment strategies
- Private capital mobilization: co-

Analytical & Advisory Services (e.g., FSAPs, Climate and Disaster Risk Finance Diagnostics)

Global Discussions (e.g., FSB, TCFD, NGFS, G7, G20, InsuResilience Global Partnership, Coalition of

Lending (e.g., IPF, DPF, CAT DDO, P4R)



FCI engagements on greening financial sectors – Country examples

Morocco

- CAT DDO / Risk Financing Strategy
- Climate vulnerability analysis and follow up guidance

Training and events

Colombia

- Climate stress test and supervisory guidance for the banking sector
- Taxonomy + green standards
- Climate + ESG reporting standards investors and issuers
- Sovereign green bond

South Africa

- Disaster Risk Finance diagnostic
- FSAP climate analysis and supervisory follow up
- Implementation of climate + ESG reporting standards investors and issuers
- Training/capacity building and events

FCI is supporting efforts to green the financial sector in 50+ countries through its technical assistance, analytical and lending activities

Disclosure & Risk Green

management

Reporting

The Philippines

- CAT DDO
- FSAP climate analysis and stress test
- · Supervisory guidance
- Taxonomy, ESG reporting/disclosure guidelines/ monitoring
- Diagnostic on green finance incentives
- Training and events

Balkan and Turkey

• CERO roadmaps / diagnostics

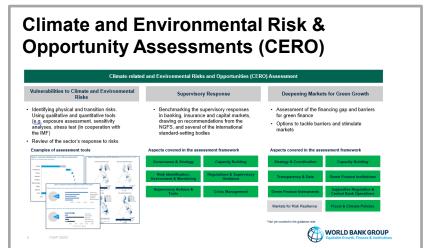
Malaysia

Finance

- · Assessment of nature risks
- · Green taxonomy
- Green Sukuk
- Workshops and seminars



Diagnostic Tools (CCDR/ FSAP/ Country work)

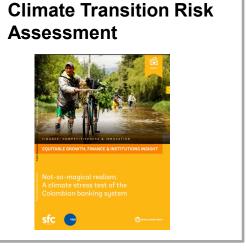








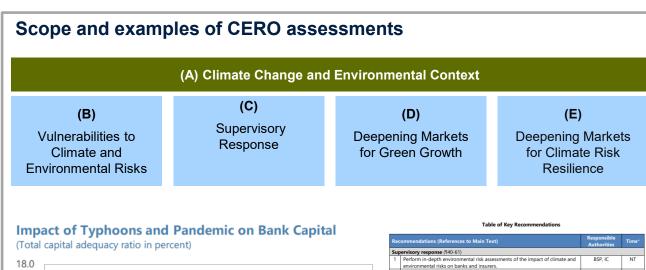


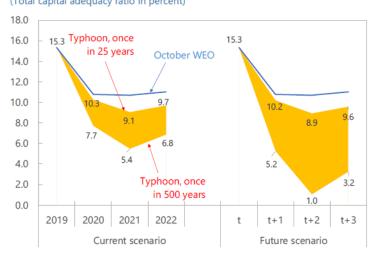




Climate Related and Environmental Risk and Opportunities (CERO) Assessments

- CERO methodology used as part of FSAP, CCDR and stand alone diagnostic in country work.
- CERO coverage has expanded to 18 countries with dedicated FSAP CERO TNs (WAEMU, Chile, Costa Rica, Mexico, SA, Philippines, T&T, Bangladesh), coverage in other specialized FSAP TNs (Colombia, Russia, Turkey), and stand alone assessments in Indonesia, Morocco, China and the Balkans (planned)
- Innovative work: WB/IMF typhoon stress test in Philippines FSAP; regional climate assessment for WAEMU; deep dive focus on green finance and regulations in Chile and South Africa
- CERO informs broader WB strategic engagements, including Climate Change Development Reports (CCDR), and follow up TA and DPLs (e.g., Philippines, South Africa)
- A WB CERO Guidance Note is finalized and will soon be released.





Rec	ommendations (References to Main Text)	Responsible Authorities	Time*
Sup	pervisory response (140-61)		
1	Perform in-depth environmental risk assessments of the impact of climate and	BSP, IC	NT
	environmental risks on banks and insurers.		
2	Improve information collection and monitoring of relevant climate and	BSP, IC	NT
	environmental risk metrics.		
3	Develop capacity to stress test prudential impacts of climate change.	BSP	MT
4	Issue guidelines for banks on environmental risk management, governance and disclosures taking account of FSB TCFD recommendations. ⁶	BSP	NT
5	Integrate climate and environmental risks in off-site monitoring, on-site	BSP	MT
	supervision and supervisory ratings.		
6	Consider applying for membership of the Central Banks and Regulators	BSP	MT
	Network for Greening the Financial System.		
7	Build capacity to monitor and supervise uptake of the Sustainability Reporting	SEC	MT
	Guidelines for PLCs and evaluate whether a mandatory approach is needed.		
8	Conduct a study on how investors are integrating sustainability factors into	SEC	MT
	investment decisions and risk management.		
9	Develop risk-based regulation and supervision methodologies that address	IC	MT
	insurers' catastrophe risk accumulation and transfer practices.		
10	Introduce disclosure guidelines on reporting of environmental and climate	IC	NT
	risks for insurance companies, taking account of FSB TCFD recommendations.		
Dee	pening Markets for Green Inclusive Growth (162-81)		
11	Develop a strategy on green or sustainable finance.	DOF, BSP	NT
12	Set up a national platform for green or sustainable finance.	BSP	NT
13	Introduce a green finance taxonomy based on global best practices.	DOF, BSP	MT
14	Consider a mandatory labeling system for energy efficiency of buildings.	DoE	MT
15	Explore the opportunity for further reprioritizing development banks for green growth.	DOF, BSP	MT
16	Consider issuing sovereign green bonds, performing a readiness and opportunity study as a first step.	DOF	NT
17	Explore the potential for blended finance instruments to stimulate green	DOF	NT
''	investments.		141
18	Introduce a catastrophe insurance pool. ⁷	DOF	NT
19	Launch an NDC implementation roadmap providing clarity on pathways and	CCC, Congress	NT
	investments needed for climate adaptation and mitigation.		
20	Consider incentives to further price externalities, including a carbon tax.	DOF	MT

Financial sector



How can it contribute to de-carbonizing the economy?



- Capital markets
- Insurance sector

Taxonomies
Green products
Information

How can banks (and other financial intermediaries) manage the climate related and environmental risk without incurring in new risks?



- Risk of green bubbles overfunding
- Risk of guided / directed lending underfunding
- Risk of greenwashing



Prudential supervision





Overview

01



1st stage

- Risk Assessment Exercises
- Survey / questionaries to the banking sector

02



2nd stage

- Preparation of a Regulation / guidelines on management environmental risks
- > Request for strategic plans for assessing climate risks

03



3rd stage

- > Update of the supervisory methodologies to assess climate risks
- > Development of specific tools for assessing climate change risks
- On-site activities for assessing climate change

04



4th stage

- Pillar 3 reporting requirements for banks
- Climate change stress testing

05



5th stage

> Setting capital requirements for climate change risks





Description of the different stages (1 of 3)

		Content	Timeframe	Relevance	Main goal	Examples
t stage	Risk Assessment Exercises	 Templates defined by the supervisor and completed and submitted by banks Commonly, they may include: Sectorization of the NFC (by NACE) Breakdown of the loan portfolio by physical location 	Early	High	First understanding of the exposure of the banking sector to climate change risks	Several
181	Survey / questionaries to the banking sector	➤ Focused on aspects related to how the climate change risks are embedded in the business model, governance practices, disclosure and risk management	Early (previously to a Regulation)	High	Gaining a better understanding of the exposure of the banking sector to climate change	Several
d stage	Preparation of a Regulation / guidelines on management environmental risks	 Expectations for the banks on: a) Business Model b) Governance and Risk Appetite c) Internal Control Functions d) Disclosure e) Risk Management 	Medium-term	Very High	 Classifying the standards that banks will be expected to meet for management of climate finance Basis for further supervision actions 	ECB PRA
Sud 4	Request for strategic plans to address the guidelines / Regulations	 Signed-off by Board of Directors Short, medium and long-term actions to address the shortcomings 	Medium-term	High	Banks identifying their gaps and commitments to address them	ECB PRA



Description of the different stages (2 of 3)

		Content	Timeframe	Relevance	Main goal	Examples
3rd stage	Update of the supervisory methodologies to include climate risks	> SREP updates > ICAAP assessment > Business Plan Assessments > Recovery Plan Assessment	Medium-term	Very High	Embedding the assessment of the risks to climate change in the supervisory framework	EBA, ECB
	Development of specific tools for assessing climate change risks	 Tools for business model analysis Tools for credit risk analysis 	Early (previously to a Regulation)	Medium	 Facilitating / homogenizing and automating the risk stemming from climate change 	_
	On-site activities for assessing climate change	Specific methodologies for on-site inspections	Medium-term	High	> -	ECB (TBD)
4th stage	Pillar 3 reporting requirements for banks	 Standardized templates Quantitative and qualitative information 	Long-term	High	> Exposing banks to market discipline	EBA, OCDE
4 th St	Climate change stress testing	 Definition of scenarios (physical and transition risks) Assessing solvency and / or liquidity in stress test 	Long-term	Medium	Enhancing the understanding of the exposure of banks to the climate change risk	ECB BoE



Description of the different stages (3 of 3)

Examples Content **Timeframe** Relevance Main goal 5th stage **Setting capital** > Ensuring the proper coverage of the > Specific P2R requirements for climate climate change risks into the bank's **Very High** MKB Long-term > Pillar 1 requirements capital position change risks



01

The World Bank's FinSAC is a Vienna-based Financial Centre, that aims to provide TA to client countries, mainly in Eastern and South-Eastern Europe on:

- √ Banking prudential regulation and supervision
- ✓ Banking resolution and crisis management
- √ Financial Stability / macroprudential

02

WB's FinSAC has been supporting client countries (mainly Central Banks / banking supervisors) in a number of areas:



- 1. Implementation of a SREP methodology and operating procedure
- 2. Benchmarks and assessments of supervisory models
- 3. Development of tools to assess:
 - ✓ Business model viability and sustainability
 - √ Capital assessments
- Approaches / development tool for IFRS-9-based provisions
- 5. Implementation / assessment tools for ICAAP & ILAAP
- 6. Implementation / assessment tools for Recovery Planning
- 7. Operationalization of resolution units / resolution plans
- 8. Microprudential bottom-up stress testing exercises

In this context, the World Bank's FinSAC is focusing on developing a regulatory and supervisory approach to risks stemming from climate change







Thank you