

Introducing the Climate Change Group (CCG) and exploring engagement priorities with Japan



WB knowledge seminar

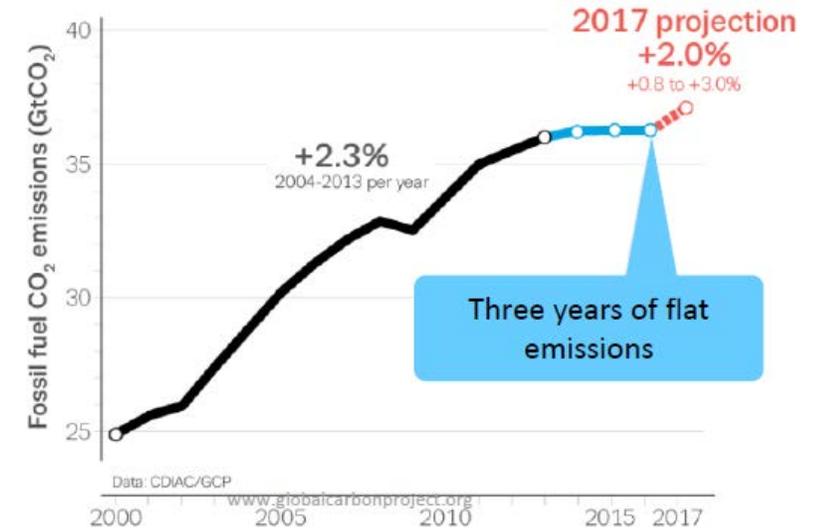
Tokyo | September, 2018

Strategic context	3 - 5
CCG Organizational structure	6
Strategy and Operations	7 - 8
Climate Investment Funds	9
Research and Advisory Services	10
Global Facility for Disaster Reduction & Recovery	11
Carbon Markets and Innovation	12
Fund Management	13
Contacts	14

The climate challenge continues to grow in scale and urgency

Global carbon dioxide emissions started to grow again in 2017 after being flat for three years, driven by increases in fossil fuel use in major emitting countries (including coal)

Last year was the hottest year on record without an El Niño, and the second hottest year overall (after 2016). In fact, **16 of the 17 hottest years on record have all occurred in this century**



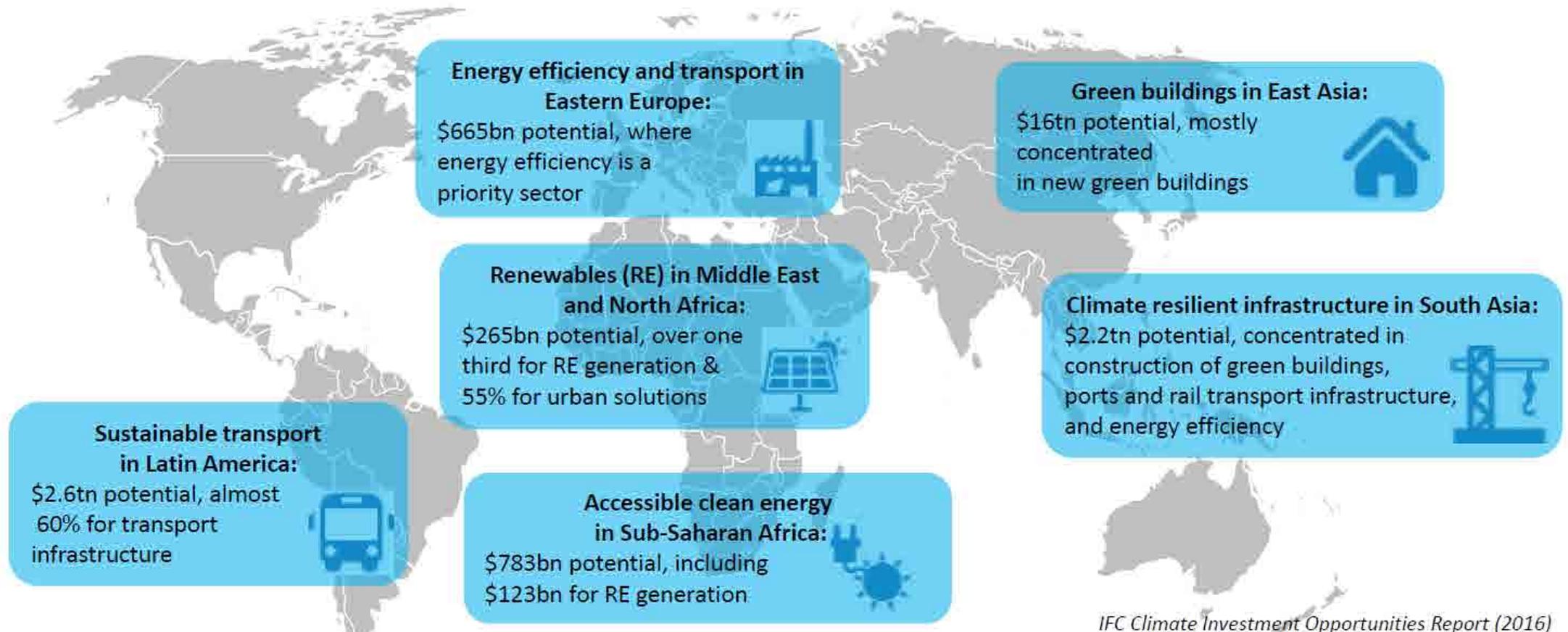
In 2017, hurricane Irma, Harvey and Maria dumped unprecedented volumes of water and caused significant flooding in the Caribbean and the USA. Scientists say that these events were made three times more likely by climate change

Cape Town could become the **first major city in the modern era to run out of drinking water** due to reduced amounts of rainfall caused by a prolonged dry season. It is possible that up to 11 other major cities (e.g. Bangalore, Beijing, Cairo etc.) will follow

Addressing climate change presents business opportunities

Taking advantage of them will create jobs, growth and shared prosperity

IFC's Climate Investment Opportunities report identified \$23 trillion in 21 countries by 2030



IFC Climate Investment Opportunities Report (2016)

But action on these opportunities is not materializing fast enough.

The WBG Climate Change Action Plan

Climate change is a threat to the core mission of WBG. Without further action to reduce extreme poverty, provide access to basic services and strengthen resilience, climate impacts could push an additional 100 million people into poverty by 2030.

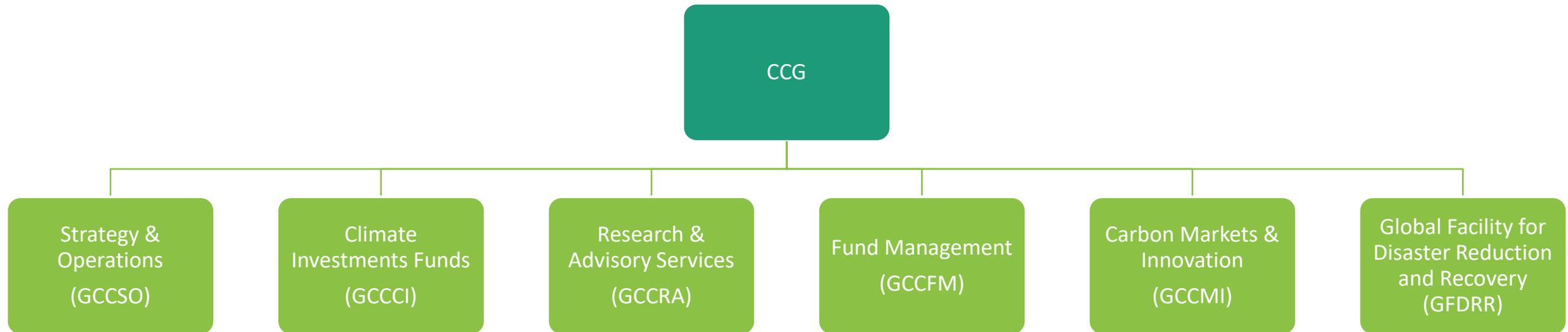
In April 2016, the WBG adopted the Climate Change Action Plan (CCAP) to accelerate action on climate change and increase the climate-related share of its lending to 28% by 2020.

The WBG is delivering well on the Climate Change Action Plan (CCAP) and is on track to meet or exceed targets: In FY18, 32.1 percent (US\$ 20.5 billion) of WBG financing had climate co-benefits

Under CCAP, WBG is shaping transformational policies, leveraging resources, achieving ambitious targets in key sectors, and aligning internal processes. Further attention is needed to mobilize private finance and increase finance for adaptation, especially IDA countries.

The WBG will announce updated post-2020 climate actions and targets at COP24 in Poland in December

CCG: Organization structure



Strategy and Operations: Knowledge resources

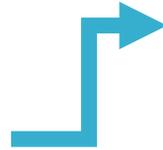
Climate Change
Corporate
Commitments
Resources



[Climate Change Corporate Commitments - One Pager](#)

[Climate Change Corporate Commitments Guidance for WB Operational Teams](#)

Guidance,
Contacts, One-
Pager Overview



Knowledge Resources



Country Climate Briefs - This platform provides curated knowledge on the climate change related risks, national policy frameworks, INDC brief, sector-specific priorities and project portfolio of each WB client country. The country briefs also provide easy access to climate finance options available for specific countries. The briefs are living documents, with regular update schedules.



Climate Change Knowledge Portal - The Portal provides an online tool for access to comprehensive global, regional, and country data related to climate change and development. The portal offers flexible frameworks, data, and tools that provide comprehensive information to a wide range of users, allowing them to evaluate how to apply the scientific information to the design of a project or policy.



NDC Platform - The NDC Platform contains one of the most comprehensive reviews of submitted Nationally Determined Contributions or NDCs. The collected data responds to requests from colleagues in GPs and CMUs, and the database is searchable and allows to identify countries which intend to implement mitigation and adaptation actions in certain sectors and subsectors.

Data Dashboards



Climate Co-Benefits Dashboard - assessed on monthly basis including all PCNs entering the pipelines each month. The user can see a GP, Region, Country and Pipeline view of the data. This dashboard includes Climate Co-Benefit assessments for the last six years (FY 11-17), approved and pipeline projects in current year (FY18) and trends in the pipelines assessed on monthly basis including all PCNs entering the pipelines each month.



Climate Change Action Tracking Dashboard (coming soon) - The Climate Change Action Plan (CCAP) Tracking Dashboard demonstrates the WBG's progress against its climate change related targets and commitments set out in the CCAP to support transformational policies, leverage resources, scale up climate action, integrate climate change across its operations, and work closely with others.



Climate Change Group Trust Fund Data Dashboard - This dashboard allows project portfolios to be viewed by CC Trust Funds, Global Practice or product line, at global, regional and country level. The data is as of the end of FY17.

Key Knowledge and
Data Resources for
Operations



FURL: CCKNOW

Key knowledge and data resources for operations

Climate Co-benefits Tracking Dashboard

The dashboard is designed to track progress on climate targets including 28% goal (see [additional slide](#))



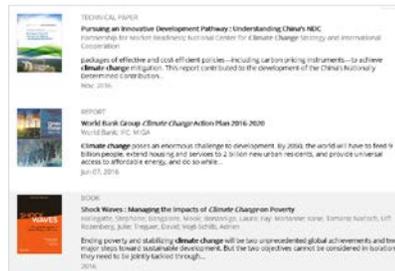
Climate Knowledge Portal

A central hub of information, data and reports about climate change vulnerability, risk reduction and adaptation to climate change profiles.



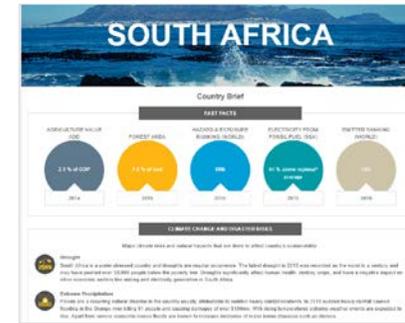
Climate Change Flagship Publications

Curated library of flagship climate change publications from across the World Bank.



Country Climate Briefs

This platform provides curated knowledge on the climate change related risks, national policy frameworks, INDC brief etc.



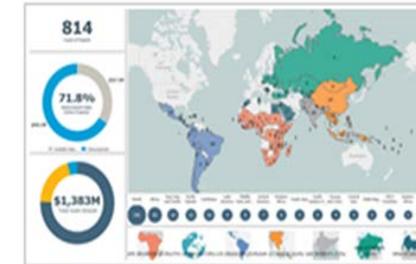
NDC Platform

The NDC Platform contains one of the most comprehensive reviews of submitted Nationally Determined Contributions or NDCs.



CC TF Data and Knowledge Dashboard

The dashboard provides operational information on CC trust funds. Data as of December 2016.



Climate Investment Funds (CIF)



- CIFs have been highly effective in supporting climate-smart development in 72 countries, with \$8.3b pledged, leading to \$58b in co-financing.

Clean Technology Fund (CTF)

- Around \$5b is approved and under implementation in clean technologies such as renewable energy, energy efficiency and clean transport. This is expected to leverage another \$47b in co-financing.

Strategic Climate Fund (SCF)

- Pilot new approaches with potential for scaled-up transformation action. 3 targeted programs:
 - *Pilot Program for Climate Resilience (PPCR)*
 - *Forest Investment Program (FIP)*
 - *Scaling-up Renewable Energy in Low income Countries (SREP)*

Research & Advisory Services

Climate information, knowledge and networks for long-term decision making

- Flagship research, analytics and strategic partnerships

*E.g. [NDC Support Facility](#),
[Turn Down the Heat](#)
[Flagship Report](#)*

Climate diagnostics and technical support for medium-term policymaking

- Technical and financial assistance
- Economic analysis
- Manage the social, health and poverty impacts of climate change

E.g. [Climate Change and Health Diagnostic](#), [Middle East and North Africa Climate Change Action Plan](#)

Climate analytics and operational advice for short term financing and capacity building

- Inclusion of climate risk and resilience in planning
- Assess impact of carbon pricing and other fiscal policy reforms

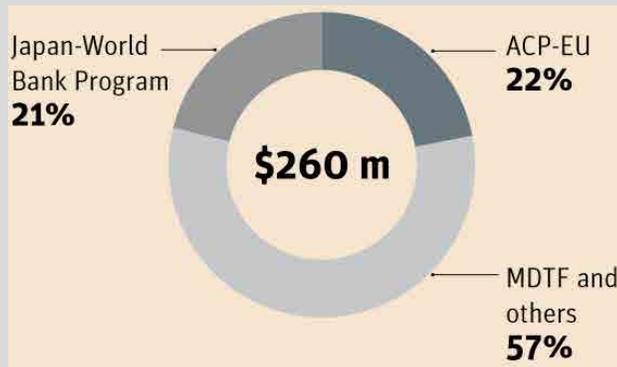
E.g. [Climate Action Peer Exchange \(CAPE\)](#); [Qatar climate change rapid advisory services \(RAS\)](#)

Adaptation and resilience strategy forthcoming

- In FY2017 GFDRR's US\$260m financial commitment influenced US\$4.6b of WB investments in more than 80+ countries.

Financing Windows

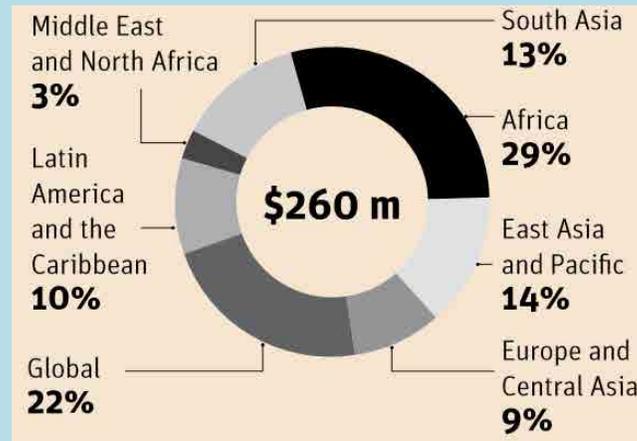
Distribution of Active Commitments by Funding Window, FY17



Funding Windows include: Japan, the European Union, Multi Donor Trust Funds and others (including the Climate Risks and Early Warning Systems Initiative, and the Climate Risk Finance and Insurance Program)

In Country Engagements

Distribution of Active Commitments by Region, FY17



Areas of Engagement

- Open Access to Risk Information
- Resilient Infrastructure
- Resilient Cities
- Hydromet Services and Early Warning Systems
- Financial Protection
- Community Resilience
- Resilience to Climate Change
- Resilient Recovery

Carbon Markets & Innovation

VISION

Enhance global ambition through climate markets



Mobilize capital for resilient and low carbon growth by connecting climate markets

Investment services

Mobilize public and private capital. Create initial market liquidity:

- Create initial demand
- Generate supply of climate assets

E.g. Article 6 ASA

Advisory services

- Build countries' readiness and infrastructure to generate and transfer climate assets
- Support low-carbon development policies and instruments
- Strengthen and harmonize clients' NDCs

E.g. [Partnership for Market Readiness \(PMR\)](#), [PMR Successor Program](#)

Advocacy services

- Understand stakeholders' expectations
- Partner with key/interested stakeholders
- Build consensus and awareness on key design elements

E.g. [Carbon Pricing Leadership Coalition](#)

Knowledge services

- Develop concepts and methodologies around asset creation/exchange, financial products, and regulatory frameworks
- Market intelligence

E.g. [Carbon Pricing Dashboard](#), [Networked Carbon Markets](#)

Funds Management

Climate Fund Management (One Stop Shop) – looking to maximize the impact of funds, mobilize other sources of finance and identify and implement synergies across the funds



Assets

Asset
Management
Unit (AMU)



Clean

Transformative
Carbon Asset Facility
(TCAF)

Carbon Initiative for
Development (Ci-
Dev)

Carbon Partnership
Facility (CPF)

Historical funds
(e.g., Prototype
Carbon Fund)



Green

Forest Carbon
Partnership Facility
(FCPF) – *\$1.3 bil*

BioCF Initiative for
Sustainable Forest
Landscapes (ISFL) -
\$350 mil

Historical fund
(BioCarbon Fund)



Global

Global Environment
Facility (GEF)

Montreal Protocol
(MP)

Green Climate Fund
(GCF)

Contacts

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