

ONE PLANET
SUMMIT

SEPTEMBER 2018

Review of
the Commitments

#oneplanetsummit

We can make it
happen now

One Planet Summit:
approach and
accountability

#oneplanetsummit

1

**Together
we commit to
a series of actions
on climate change.**

2

**We implement our
commitments and
deliver concrete
results.**

3

**We review our
achievements
and prepare for
the next steps.**



COMMITMENT 1

Responding to extreme events in island states



COMMITMENT 2

Protecting land and water against climate change



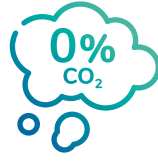
COMMITMENT 3

Mobilizing researchers and young people to work for the climate



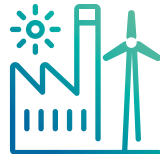
COMMITMENT 4

Public procurement and access to green financing for local governments



COMMITMENT 5

Zero emissions target



COMMITMENT 6

Sectoral shifts towards a decarbonized economy



COMMITMENT 7

Zero pollution transport



COMMITMENT 8

Toward a carbon price compatible with the Paris Agreement



COMMITMENT 9

Actions of central banks and businesses



COMMITMENT 10

International Mobilization of development banks



COMMITMENT 11

Commitment by sovereign funds



COMMITMENT 12

Mobilizing institutional investors



COMMITMENT 1

Responding to extreme events in island states

Climate change multiplies the power of cyclones and hurricanes. Island States and territories are the most vulnerable and the most exposed to these extreme events. Each tragedy leaves behind devastated territories and populations in danger. Adapting means protecting them.



1.1 Caribbean Climate-Smart Accelerator

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- A shared vision for implementing the world's first climate-smart zone in the Caribbean, supported by private/public partners and multilateral institutions.
- Announced by Caribbean leaders (Saint Lucia PM Chastanet, Grenada PM Mitchell, Dominica PM Skerrit) and Sir Branson.
- \$2.8bn committed towards the \$8bn investment plan to implement the islands' NDCs, including:
 - \$1bn additional financing from IDB
 - \$800M from the CDB over 5 years
 - \$100M from the WB for Dominica
 - \$6M from Virgin Unite for British Virgin Islands

ACCOMPLISHMENTS

- Establishment of interim team and governance structure of the Accelerator. Development of a business plan and 5-year budget.
- \$3.5M+ raised for the Accelerator's operations
- Partnership with IDB to implement \$1bn in funding for major climate-start projects in the Caribbean
- Launch of the Accelerator on August 9th in Kingston, Jamaica with PM Holness, President Moreno, Sir Branson, and Usain Bolt with 15 new countries
- Announcement of major pilot projects including: \$300M to create climate-smart city in Grenada; program with Airbnb to open homes for disaster survivors and relief workers; and \$2M for Ocean resiliency in Belize.

NEXT STEPS

- Establishment of independent legal entity and recruitment of permanent team
- Further outreach and partnership-building with governments and private-sector leaders
- Development of full project pipeline
- Second board meeting on Sept. 25th in New York and announcements at One Planet Summit in September 2018
- Usain Bolt to announce the first prize of the Accelerator's "Speed Award" in July 2019.

KEY FIGURES

26
countries joined
the initiative

40+
private sector & inter-
governmental partners

“Tackling climate change will require not just flying higher, but also learning to fly together and far further than ever before.” Sir Richard Branson



1.2 Pacific Initiative on biodiversity, climate change and resilience

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- France and the European Commission launched an initiative on climate and biodiversity to support adaptation to climate change in the Pacific by:
 - bringing together the main donors in the region to work towards common sustainable development goals;
 - pooling resources and reducing transaction costs to foster ambitious and coherent projects;
 - financing projects linked to the design of nature-based solutions, enhancing sustainable resource management or mitigating natural disaster risk – with grants for investments, technical assistance and/or capacity building.

ACCOMPLISHMENTS

- Agreement between France, the European Union and New-Zealand on the setting up of a pooled funding mechanism, managed by the French Development Agency (AFD), open to other donors
- Contact established with other possible partners: Germany, Australia, Japan, UK, and Sweden
- Coordination with regional partners to structure the initiative (Secretariat of the Pacific Community, Secretariat of the Pacific Region Environment Program)
- Ongoing review of policy, stakeholders and potential projects to be financed.

NEXT STEPS

- Signature of a Joint Communiqué between France, New-Zealand and the EU. Other countries invited to join (possibly Australia, Germany, Sweden...)
- Formulation mission in October to engage a dialogue with officials from the various countries and territories.
- Contribute to increasing the abilities of Pacific Stakeholders to tackle Climate Change, protect the Environment and Biodiversity, and strengthen the resilience of socio-economic systems in the Pacific.

KEY FIGURES

€20M+
committed by partners
in 2018

18
targeted beneficiary
countries and territories
in the Pacific

1st
project to be financed
in 2018 (€3 M waste
management project
with SPREP)

“ The Pacific is home to some of the world’s richest ecosystems, and amongst the most vulnerable to the effects of climate change. The EC and France are joining forces and bringing together a broad range of partners to support nature-based solutions to safeguard the unique biodiversity of the region.” Neven Mimica, European Commissioner for International Cooperation and Development



COMMITMENT 2

Protecting land and water against climate change

Climate change is speeding up desertification and the degradation of soils. It is time to put in place sustainable solutions to ensure everybody has sufficient access to water and satisfactory agricultural resources.



2.1 Land Degradation Neutrality Fund

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- Launch of the Land Degradation Neutrality Fund (LDN), a global impact investment vehicle developed by the United Nations Convention to Combat Desertification (UNCCD) and Mirova (Natixis) to support sustainable land use practices globally and restore degraded land.
- Anchor investors: European Investment Bank and French Development Agency (AFD)
- \$100M committed out of a target of \$300M.

ACCOMPLISHMENTS

- Increased support from public stakeholders promoting blended finance
- Mobilization of private finance and institutional investors in favor of land rehabilitation and resilience
- Establishment of a pipeline of projects, with an in-depth review of promising investment opportunities (agroforestry in Peru, tree nut out-grower scheme in South Asia, reforestation and natural rubber in Indonesia, sustainable teak plantation in Ghana, etc.)

NEXT STEPS

- Final negotiations on documentation
- Technical Assistance facility to be operational in Q4 2018
- First investments to be disbursed in 2019

KEY FIGURES

€40M

committed by AFD: €30M in the senior tranche, €7M in the junior tranche and €3M to finance the TA facility

\$50M+

committed by EIB: \$45M in the senior tranche and €5 M in the junior tranche with the Government of Luxembourg

130+

projects analyzed and on-going negotiations for more than 10 projects

“Rehabilitating degraded land, protecting vital ecosystems and empowering sustainable business around the world is what the LDN Fund is all about, and we believe this can be achieved along with competitive market-level returns”

Philippe Zaouati, CEO of Mirova



2.2 Sustainable finance facilities

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- UNEP and BNP Paribas signed an agreement to establish Sustainable Finance Facilities on agriculture and forestry.
- Target of capital funding amounting to US\$10bn by 2025 in developing countries.
- Support smallholder projects related to renewable energy access, agroforestry, water access and responsible agriculture among other sustainable activities.

ACCOMPLISHMENTS

- Launch of the Tropical Landscape Finance Facility (TLFF) with inaugural transaction in February 2018 to finance a sustainable natural rubber plantation on heavily degraded land in two provinces in Indonesia
- A second initiative was launched in June 2018 as part of the Sustainable India Finance Facility (SIFF), and aims to develop Zero Budget Natural Farming (ZBNF) in India. The objective is to reach 6 million farmers practicing agroecology by 2024.

NEXT STEPS

- In Indonesia:
 - create 16,000 new jobs
 - support to 24,000 local farmers
 - achieve 49,000ha dedicated to conservation and 41,000ha for commercial and smallholder rubber plantation
- In India:
 - 500,000 farmers practicing ZBNF by 2019 with a global objective of 6M farmers by 2024

KEY FIGURES

\$95M
Inaugural transaction in February 2018 through the TLFF

2,000
community members currently employed over approx. 19,000ha in Indonesia

163,000
farmers in 972 villages practicing ZBNF in India

// *The partnership with BNP Paribas sends a signal to the finance industry that 'business as usual' is not an option anymore. We need to design sustainable agriculture and forestry in a way that solves the climate crisis, rather than contributes to it." Erik Solheim, Executive Director of the UNEP*



2.3 DeSIRA - Financing for agricultural research to help low-income farmers adapt to climate change

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

– The European Commission, the Bill and Melinda Gates Foundation, France and other countries will initiate programmes up to \$650 M over 2018-2020 to help the world's poorest farmers better adapt to climate change by:

- fostering use of scientific knowledge for innovation and development;
- enhancing agricultural research capacities and institutional architecture;
- increasing knowledge and evidence for policies and investment decisions.

ACCOMPLISHMENTS

- Elaboration of a first action portfolio, with a first co-investment of €95 M (EC) and €6 M (EU Member States)
- Critical issues addressed in Sahel include agro-ecology, genetic improvement, bioenergy.
- BMGF/EC joint efforts (approx 50M€) in transforming pest surveillance in West Africa, modernising seed systems in semi-arid zones of Sub-Saharan Africa, building the next generation of scientific leaders in Africa
- Farmer empowerment in research processes and agricultural research and innovation systems better equipped to embed climate change.

NEXT STEPS

- Open the platform to new partners.
- Increase EC/MS co-investments in joint initiatives, and aim to develop a €100M BMGF/EC joint portfolio
- Redouble efforts to modernize and improve the linkages between research, breeding institutions and seed systems to ensure the best varieties are reaching smallholder farmers
- Enhance long term partnering of European science with national research capacities and development organizations

KEY FIGURES

€500M+
of cooperation programs in 20 countries fostering transformation through innovation in 2019

// *In some areas, a Mission should trigger action to speed up progress in the development of technologies to increase their societal impact. In other areas, the Mission should drive a systemic change."*

Mariana Mazzucato (report on Missions for DG R&I)



2.4 Helping Farmers Cope with Climate Change

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- The Bill & Melinda Gates Foundation pledged \$300M over the next three years (2018-2020) to support agricultural research.
- This will help the world's poorest farmers better adapt to increasingly challenging growing conditions brought about by climate change, including rising temperatures, extreme weather patterns, diseases, poor soil fertility, and attacks from crop pests – with a focus on Crop Improvement, Crop Protection and Crop Management

ACCOMPLISHMENTS

The foundation has disbursed \$73.3M so far this year and; a further \$40.1M is scheduled to be disbursed by the end of 2018. Total disbursements projected in Year 1 - \$113.4M.

Project level progress includes:

- Improved stress tolerant maize supporting yield increases of up to 20-25% under drought conditions
- Breeding cycles for rice reduced by 2/3 (9 years to 3 years) enabling rapid cycle adaptation in India
- Creation of National Soil Information Services in Africa to improve data-driven decision making.

NEXT STEPS

- Jointly fund 3 projects with the EC in 2018 totalling €50m plus set aside an additional €50m each from our OPS commitments in 2019/20
- Redouble efforts to help modernize public seed breeding systems with the CGIAR and NARES and ensure the needs of smallholder farmers are met
- Develop and mainstream additional abiotic stress resistance traits into new varieties critical for food security
- Improve the linkages and hand-off between research, breeding and seed systems to ensure the best varieties reach vulnerable farmers
- Continue to pursue potentially key innovations in areas such as enhancing Nitrogen fixation

KEY FIGURES

Higher Rates of Genetic Gain: 101 new drought-tolerant hybrid maize varieties released in 8 African countries with yields 77-95% higher

Increased Varietal Turnover: 20-30% of Chickpea and Groundnut are new varieties in Ethiopia, Nigeria and Tanzania

Better Crop Management:
1.25M+ smallholder farmers reached



2.5 Platform for the incubation of 100 water and climate Projects for Africa

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- Declaration in support to the Global Alliances for Water and Climate incubation platform to catalyze 100 water and climate projects in Africa over the next 4 years.
- Announcement of financial support of €5M by Italy,
- Goals of the incubation platform:
 - Scaling up and speeding up incubation
 - Mobilizing 400+ partners engaged in 4 Alliances representing basin organizations, megacities, businesses and clean desalination solutions
 - Strengthen water governance, climate change adaptation strategies at River basin scale

ACCOMPLISHMENTS

- Participation in the World Water Week in Stockholm in August 2018
- Declaration of the French Water agencies (20 projects) and incubation of 5 projects in 2018-2019
- Incubation of 7 Transboundary Basin Organizations support program with AFD (for GCF)
- Incubation of Niger Basin Authority by the World Bank with the platform help
- Incubation with AFD of the Congo-Oubangui-Sangha (CICOS) Water Information System

NEXT STEPS

- Declaration of intent of French Water agencies
- Commitments of the targeted donors/backers
- Mid-year annual report of the progress of incubation of 20 water & climate projects for the year 2018
- 9th World Water Forum in Dakar in 2021

KEY FIGURES

30
countries in Africa

€1.5M
committed for incubation

20
adaptation projects identified, ready to be incubated

// Africa is one of the most vulnerable continents to climate change and it impacts, which pose a serious threat to its water security. It is urgent to strengthen the resilience of the region." Eric Tardieu, DG International Office of Water



COMMITMENT 3

Mobilizing researchers and young people to work for the climate

Advancing knowledge of climate change is essential to inform decision-makers and bring about progress in the implementation of effective and sustainable solutions. The involvement of young people is an asset for international cooperation. They are the new face of knowledge of tomorrow's world.



3.1 One Planet Fellowship Program

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- 5-year program launched by AWARD with the BNP Paribas and the Bill & Melinda Gates Foundations, in partnership with Agropolis Foundation and the French ministry of Higher Education, Research and Innovation.
- \$15M to leverage French, African and European expertise to promote research on climate adaptation and to:
 - Support the work of the next generation of African scientists
 - Help finance the research carried out by African scientists into climate change adaptation
 - Strengthen the capabilities of the African and European science communities through training programmes and networking opportunities

ACCOMPLISHMENTS

- Framework of the program and indicators of progress have been defined
- Progress on the definition of terms and conditions of the One Planet Fellowship Program
- Agreements between AWARD and both the Bill & Melinda Gates Foundation and the BNP Paribas Foundation have been signed
- A proposal for an extension of the program to Europe has been submitted to the EU
- Participation in YASE, the first conference dedicated to young African scientists in Europe

NEXT STEPS

- July-Oct 2018: Definition of key themes for webinars
- July-Nov 2018: Identification of international networks and experts to support selection of the fellows.
- Sept 2018: Revised work plan and timelines, results framework.
- December 2018: Official launch of the One Planet Fellowship program at the COP24.
- Dec 2018-Jan 2019: Official launch of the One Planet Fellowship Program and Launch of the 1st call for applications.

KEY FIGURES

2
science skills courses launched in July 2018: for the AWARD Panafrican Fellowship in Nairobi and for the AWARD Panafrican Fellowship in Dakar,

\$15M
Committed by partners for the next 5 years

// *Building an African and European scientific community that stands together with rigor and commitment to fight against climate change and adapt agriculture is both a human and a scientific challenge. It calls for all people of good will to join and prepare our common future.” Pascal Kosuth, Director of the Agropolis Foundation*



3.2 European Solidarity Corps

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- Engage young people in taking action for climate
- Offer young people volunteering opportunities in the field of environment and climate action

ACCOMPLISHMENTS

- Establishment and financing of the program: 750 volunteering opportunities supported so far
- Projects under 2018 call are under assessment and will support several hundred volunteers.
- By 2020, more than 5,000 young people will volunteer, train or obtain work experience in the areas of environment and climate action and around 250 Solidarity Projects will be implemented by European Solidarity Corps participants in their local community.

NEXT STEPS

- Support further opportunities for young people to help tackle climate change and environment issues through the European Solidarity Corps
- Enhance the scope of these opportunities by offering traineeships and jobs, in addition to volunteering.
- Support Initiatives related to climate change and environment carried out directly by young people as Solidarity Projects

KEY FIGURES

200+
projects in the field
of climate action
and environment
approved in 2017

€7,3M
allocated in 2017

“Many young people feel strongly about fighting climate change and are keen to get involved. I am proud that the European Solidarity Corps gives them opportunities to do just that. This is important in its own right, but also part of our efforts to enable young people to become engaged members of our societies.”

Tibor Navracsics, European Commissioner for Education, Culture, Youth and Sport



3.3 Make Our Planet Great Again

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- Presentation of the grantees of the Make Our Planet Great Again initiative: 5,000 researchers answered President Macron's call launched in June 2017.
- Launch of a Research Priority Program (€30M) coordinated by CNRS for attracting high level researchers
- In 2017, selection of the first 18 high level research grantees, under the aegis of CNRS and France's National Research Agency (ANR) to contribute to better understanding the impact of climate change on hurricanes and on pollution.
- Germany joins MOPGA initiative by launching a coordinated call for long stay projects in July 2017.

ACCOMPLISHMENTS

- 14 additional French and 13 German high level research grantees selected in 2018.
- The first research laureates have arrived in France since early 2018 as part of the long-stay program.
- On February 26, 2018: launch of four complementary short-stay calls for students and researchers under the "Make Our Planet Great Again" label by the French Ministries of Europe and Foreign Affairs and of Higher Education, Research and Innovation, together with Campus France.

NEXT STEPS

- Around 10 new grantees will be selected at the end of 2018
- Networking of these grantees by CNRS, alongside Germany to strengthen and promote the European scientific commitment on climate change.
- First French German Kick-off conference in Spring 2019.

KEY FIGURES

154
laureates for the short-stay programs

€18,9M
provided for the long stay program alongside the investment of host laboratories for a total amount of €49M

// *Make our planet Great Again is a strong commitment for research to tackle climate change. Following President Macron's call, Europe is now welcoming high level scientists from every continent. Together, they can build solutions for a sustainable planet."*

Frédérique Vidal, French minister of Higher education, Research and Innovation



COMMITMENT 4

Public procurement and access to green financing for local governments

The battle against climate change is also waged at local level. The actions undertaken by regions and cities have a major impact for achieving the common objectives set down in the Paris Climate Agreement. Only mobilization by all parties can make a difference!



4.1 “Global Urbis”: creation of a common framework for cities to simplify access to climate financing

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- In line with the EU Agenda, “Global Urbis” provides cities with financing and technical assistance solutions to mobilize private and sub-national investment, including in some riskier sectors.
- Global Urbis is based on innovative partnerships between the EU, the European Investment Bank (EIB), the European Bank for Reconstruction and Development (EBRD) and the Global Covenant of Mayors (GCoM)
- GCoM announced collaboration with the World Bank Group City Resilience Programme

ACCOMPLISHMENTS

- In the context of the European Investment Plan (EIP), the EU launched the “Sustainable Cities” and “Energy Efficiency” Windows, with a guarantee up to €100M.
- EIB and GCoM launched the Global Climate City Challenge to pilot the provision of advisory services for cities’ climate action investments.
- German Ministry for the Environment planning to step up funding for the Felicity program, implemented with EIB.
- WBG City Resilience Program engaged with 55 cities, and aims to engage in 45 more cities to advance resilience in 2019.
- Invest4Cities call to help mobilize TA and risk-sharing capital.

NEXT STEPS

- Advance Invest4Cities partnerships to mobilize resources for:
 - supporting pre-investment technical assistance to deliver climate investments pipelines in cities, especially in ODA countries;
 - driving down cities’ investment risk profile with Global Urbis and WBG partnerships, providing already \$5Bn of MDBs financing;
 - mobilizing private flows with co-financing, blending and pooled-finance mechanisms.
- Scale Pilot for EIB/GCOM Global Climate City Challenge
- Identify second tranche of cities for EBRD and WBG
- GCoM collaborating with Climate Policy Initiative for innovative climate finance mechanisms

KEY FIGURES

€4.3bn
investments under URBIS initiative and 5 technical assistance projects in Brazil and Mexico

25
projects in investment pipeline for €500M financed and developed by EBRD

7
resilience investment projects valued at \$1bn supported by WBG

666+
early stage projects in 232 cities identified by Global Covenant of Mayors with estimated deal flow of \$50bn



4.2 One Planet Charter

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- The Global Covenant of Mayors for Climate & Energy (GCOM), the C40 Cities Climate Leadership Group (C40), and ICLEI announced the One Planet Charter (OPC), a partnership for a major campaign to accelerate implementation of the Paris Agreement.
- The initiative encourages cities to make ambitious public commitments that can drive investment, green public procurement and policy decisions related to renewable energy, energy efficiency, electric vehicles, zero-emission buildings and zero waste.

ACCOMPLISHMENTS

- Website for the OPC created by GCOM to highlight commitments by cities to take action.
- Major campaign led by C40 to drive new commitments in zero emissions transport, buildings and waste;
- Participation of cities around the world in webinars and presentations
- Report on progress will be released by GCoM at GCAS
- Commitments captured under the OPC:
 - 220 on urban mobility
 - 443 on renewable energy
 - 718 on low carbon buildings
 - 90 on solid waste management
 - 224 on resilience

NEXT STEPS

- Tracking systems to measure progress towards implementation are being developed
- GCoM to continue to measure actions and further develop the website
- C40 to support cities in advancing implementation through its networks and technical assistance activities
- ICLEI to support these efforts through its Sustainable Procurement Program
- Partners to secure additional resources to support implementation on the ground

KEY FIGURES

New high ambition commitments made (as of 31 Aug):

9

additional cities signed the Fossil Fuel Free Streets Declaration

25

cities committed to transition towards zero waste

19

cities committed to net zero carbon buildings declaration

“The decisions being made by mayors right now on investments for sustainable and resilient infrastructure will determine the future of generations to come. The One Planet Charter will make it easier to build the argument for bold climate action and investment in these crucial months and years ahead.”

Anne Hidalgo, Paris Mayor, C40 Chair and Global Covenant of Mayors Board member



COMMITMENT 5

Zero emissions target

The greenhouse gases emitted by human activities to produce, consume and travel have a long-term impact on the environment and are the main culprits of global warming. The Paris Agreement enshrined the “zero-emission” objective, which the One Planet Summit initiatives hope to achieve through concrete solutions.



5.1 Carbon Neutrality Coalition

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- Commitment by signatories to develop long-term low-GHG emission and climate resilient development strategies in line with the objectives of the Paris Agreement, ahead of 2020
- Recognition of the benefits of a transition to net zero GHG
- Declaration signed by 16 countries (Brazil, Colombia, Costa Rica, Ethiopia, Finland, France, Germany, Iceland, Luxembourg, Marshall Islands, Mexico, Netherlands, New Zealand, Norway, Portugal, Sweden).
- 32 cities also pledged to become emissions neutral by 2050

ACCOMPLISHMENTS

- Costa Rica, Norway, Portugal: strategy underway
- Ethiopia: building out the strategy
- Finland: strategy by 2019
- France: revision underway
- Iceland: initiating work
- Marshall Islands: near completion
- Netherlands: Climate Law
- New Zealand: strategy in 2019
- Sweden: carbon neutrality by 2045
- CNC Plan of Action, website to be launched at Inaugural event – UNGA, 27/9/2018
- CNC brings forward the importance of carbon neutrality at key international climate events

NEXT STEPS

- Possible new country signatories: Spain
- Doubling of city pledges via C40
- Participation of business via B-Team.
- Communication around IPCC 1.5 Report. COP event on benefits of long-term strategies

KEY FIGURES

9
countries have officially submitted long-term low-GHG development strategies to the UNFCCC

All CNC members

- to submit strategy by 2020
- explore a 'carbon neutrality' scenario within their strategy

3
additional signatory countries since December 2017: Canada, United Kingdom, Denmark

// *Having a good plan is not a sufficient condition for success. But not having one is always a recipe for failure.*
Frank Bainimarama, Prime Minister of Fiji



5.2 Paris Collaborative on Green Budgeting

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- Cross-country and cross-sectoral Collaborative working with governments, institutions and experts to embed environmental commitments within budgetary frameworks:
 - advances analytical groundwork
 - proposes, designs and tests practical tools needed to support green budgeting
 - provides coordinating platform to support peer learning, exchange good practices, and identify re-search priorities and gaps
 - offers targeted assistance for developing a Green Budget Strategy

ACCOMPLISHMENTS

- Increased political support on ministerial level and growing recognition of the inter-relationships between budget, fiscal and environmental policies
- Active engagement on expert level with first senior expert meeting on 22 May and 20 June 2018
- Technical advancement in preparation of Green Budget definitions and underlying methods.
- Report on "Green Budgeting practices in OECD and Partner Countries"

NEXT STEPS

- Complementary list of collaborative members
- Second Green Budgeting Senior Expert Group (GPSEG) Meeting
- December 2018: A focused OECD country case study to assess the potential scope and limitations of green budgeting in France
- Adoption of Green Budgeting practices on national level in Mexico for the upcoming 2019 budget.

KEY FIGURES

Climate-compatible policy packages can increase long-run GDP in the G20 by up to 5% when taking positive impacts of avoiding climate damage into account

1/10
of governments' spending on fossil fuels subsidies equals the amount spent on biodiversity

For 90%
of carbon emissions, carbon prices fall short of conservative

“Our success meeting the objectives of the Paris Agreement and the SDGs require decisive action to make the 'one planet' we have a more sustainable place. The Paris Collaborative on Green Budgeting goes precisely in this direction by contributing to a step-change in how governments think and act in their budgetary process in order to address this defining challenge of our age.” Angel Gurría, Secretary General, OECD



5.3 The Space Climate Observatory

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- Instigated by the CNES, the Space Climate Observatory (SCO) provides data for monitoring the health of our planet. Its objectives are:
 - Climate change and its impacts: Humankind, through anthropogenic causes and as victims (rising temperature and sea level, natural disasters)
 - Improve communication to all stakeholders: policy-makers, society, research and academia
 - Closely linked to SDG indicators and Agenda 2030

ACCOMPLISHMENTS

- Launch of a first demonstrator of SCO case studies during the Toulouse Space Show (June 28th) including key contributions from China (air composition), Morocco (water resources) and African Basin Agencies (impact of floods in Niamey)
- Opening of web platform
- Agreement on SCO signed between CNES and China National Space Administration (CNSA) (25 June)

NEXT STEPS

- Other bilateral agreements are being prepared
- Workshop on 2 and 3 October in Brisbane: EO Supporting Pacific Island Nations' Environmental, Climate and Livelihood Needs
- December 2018: International Charter/ agreement on SCO signed by international contributors at the one-year anniversary of the One Planet Summit

KEY FIGURES

30+

International partners across the world

8

key climate-change-related issues observed: global warming; glacier melt; sea level rise; greenhouse gases; cities and air pollution; droughts; extreme precipitations and floods; freshwater reserves

“Our societies must work together to contain global warming well below two degrees with respect to pre-industrial levels, and to win the battle to save our planet. The Space Climate Observatory is acting as a hub between space agencies and the international scientific community.” Jean-Yves Le Gall, CNES President



COMMITMENT 6

Sectoral shifts towards a decarbonized economy

In 2014, coal produced over 40% of the world's electricity. This situation has alarming consequences for atmospheric pollution and greenhouse gas emissions. The One Planet Summit participants made a commitment to support the transition towards renewable energy sources.



6.1 The Powering Past Coal Alliance

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- UK and Canada launch of major new international initiative to accelerate shift away from coal.
- The Powering Past Coal Alliance (PPCA) is a broad coalition of Governments, businesses all committed to cleaning their energy mix and ending the use of unabated coal power.
- PPCA provides peer to peer support and outreach to countries looking to reduce their dependency on coal and improve health benefits of their citizens.

ACCOMPLISHMENTS

- Expanded Alliance to 74 partners including 28 countries, 18 cities and states and 28 businesses.
- Created strong partnership with Bloomberg New Energy Finance to help shift messaging and understanding of coal phase out.
- Formed new strategic partnership with E3G to build foundations of alliance and accelerate outreach.
- Developed programme of major events over autumn – GCAS, UNGA, COP24.

NEXT STEPS

- Publish new investor guidance defining coal phase out and PPCA requirements, driving up membership and action as a result.
- Create opportunities for stronger alignment of donor support in developing countries on coal phase out and "leapfrogging" need for coal in first place.
- Pursue deeper strategic dialogue with both potential members and countries looking to move towards a cleaner energy mix.

KEY FIGURES

74
members :
28 countries,
18 subnationals and
28 businesses

// *Phasing out traditional coal is one of the most important steps government's can take to meet our commitment to keep global temperature increase well below 2 degrees." Powering Past Coal Alliance declaration*



6.2 Support for coal- and carbon-intensive regions in transition

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

As part of commitment 'Sectoral revolutions towards a low-carbon economy', the EU is acting to:

- Support the regions in identifying models of economic development less reliant on coal.
- Mitigate the social impacts of the low-carbon transition.

ACCOMPLISHMENTS

- Launch of the Platform for Coal regions in transition. Two meetings have already been held in Brussels, with exchanges of information and best practices among interested regions.
- European Commission working with member states on a pilot which will lead to the adoption of action plans. This will include the identification of specific projects which will drive the transition.

NEXT STEPS

- Provision and financing of technical assistance for pilot coal regions.
- Finalisation of action plans and lists of projects. These might benefit from EU funding, for example through the reallocation of regional funds.
- A Secretariat of the Platform will be created to facilitate exchanges among Regions.

KEY FIGURES

6
EU Member States (Czech Republic, Germany, Greece, Poland, Romania, Slovakia) engaged with the European Commission in the pilot

// We are working closely with national, regional and local stakeholders in support of their industrial transformation, using tailor-made solutions and all means at hand. Our objective is to see every region fully reap the benefits of the clean energy transition, whilst creating new jobs and promoting investment."

Maroš Šefčovič, Vice-President European Commission



6.3 International Solar Alliance

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- Provide a collective response to the deployment of solar energy's main obstacles in terms of technology, regulation, finance and capacity, through:
 - A global mobilization to shape the enabling environment for large-scale solar energy development.
 - Mobilize US \$1000bn needed to develop 1 terawatt of solar energy capacity by 2030.
 - The preparation of bankable projects.
 - The promotion of solar energy research and innovation.

ACCOMPLISHMENTS

- First ISA Summit on March 11th 2018
- First initial project portfolio for solar applications (solar e-mobility; rooftop installations; Island and village solar mini-grids etc.)
- Conceptualization of a common risk guarantee mechanism by the WB and AFD
- Commitment of France (€1bn) and India (\$1.4bn) to ease the access to low-cost finance for solar projects
- Creation of a network of 10 training centers and existing centers of excellence in ISA countries to promote solar energy
- Development of training programmes for all actors of the sector and technology transfer and innovation

NEXT STEPS

- First General Assembly in Delhi on October 3rd 2018
- Implementation of key instruments:
 - Publication of practical guides to ensure high-quality standards on solar applications
 - launch of a collaborative "Infopedia" online platform with EU support (December 2018)
 - Development of best practices documents and regulations for contracting, procurement and investment frameworks
- Financing of new solar energy projects:
 - Financial commitments by public and private stakeholders
 - Market study by AFD and the World Bank to establish a common guarantee mechanism
 - Strengthened dialogue with private sector through a dedicated committee.

KEY FIGURES

68
signatory states and
40 member States
as of August 2018

10,000
young technicians
trained in 5 years,
supported by Schneider
Electric Foundation
and Barefoot College

5
concrete programmes
to harmonize and
aggregate demand
& reduce cost of finance
& technology for specific
solar energy solutions



COMMITMENT 7

Zero pollution transport

The transport sector is the leading source of greenhouse gas emissions. Its environmental impact increases with the ever-growing number of journeys. To ensure we can breathe again in cities and elsewhere, the One Planet Summit players are committed to pollution-free transport.



7.1 Transport Decarbonisation Alliance

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- Presentation of the Transport Decarbonisation Alliance (TDA), a sectorial coalition to accelerate the transition towards a net-zero emission mobility system before 2050. To date, joined by :
 - 6 Countries (Costa Rica, Finland, France, Luxembourg, Netherlands, Portugal),
 - 6 Cities and regions (Rotterdam, Lisbon, Porto, Gaia, Matosinhos, California),
 - 8 Companies (Alstom, Brisa, DP DHL, CEiiA, EDP, ITAIPO Binacional, Michelin, PTV)
- TDA's ambition is to become the most visible and influential forum to ensure that all transport sectors cooperate to reach the Paris Agreement's objectives.

ACCOMPLISHMENTS

- February 2018: Working meeting in Porto to decide on: work plan, governance and funding model
- May 2018: Official launch at the International Transportation Forum
- Advocate transport decarbonisation by sending an open letter to EU institutions on transport decarbonisation
- Endorsement video by the UN SG
- Active participation in regional UNFCCC climate weeks and UK Low emission vehicles Summit

NEXT STEPS

- Extension of membership, while improving the geographical balance
- Four Communities of Interest launched and active by the end of the year
- Active engagement in 15 global and regional events, such as the GCAS, COP24...
- Publication of 2 position papers on transport decarbonisation ambitions
- Presentation of the TDA vision on decarbonisation pathways
- Medium term: Joint testing of innovation
- High level meetings with European Institutions on EU ambition

KEY FIGURES

- 20**
Members in the Alliance
- 2**
Communities of Interest launched with leading actors working together: green urban freight and long term strategies on transport decarbonisation

// *Without firm action the carbon emissions from transport could double by 2050 and the Paris Agreement will fail. The Transport Decarbonisation Alliance gathers countries, cities and companies with high ambition seeking to demonstrate that the global decarbonisation of transport can be achieved using solutions that exist today."*

José Mendes Vice-Minister for environment, Portugal and TDA Chair



7.2 Reducing GHG emissions from maritime transport

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- Launch of the “Tony de Brum” declaration at the initiative of France: a call for ambitious progress within the International Maritime Organization (IMO) to regulate GHG emissions from maritime transport (3% of global emissions today, could increase by 50 to 250% by 2050 otherwise).
- Declaration supported by 34 States

ACCOMPLISHMENTS

- 15 additional signatories to date (Australia, Austria, Bangladesh, Costa Rica, Croatia, Estonia, Iceland, Kiribati, Liechtenstein, Nicaragua, Palau, Peru, New-Zealand, Tunisia, Ukraine).
- March 26th event with Minister Elisabeth Borne ahead of the IMO negotiations to rally new signatories
- Adoption of the initial strategy at IMO in April 2018, which aims to reduce GHG emissions by at least 50% by 2050 (compared to 2008).

NEXT STEPS

October 2018: beginning of the IMO negotiations to adopt measures for the implementation of the initial strategy aiming to reduce GHG emissions by at least 50% by 2050

KEY FIGURES

+14
signatory countries
since OPS 2017

50%
objective for reduction
of GHG emissions
by 2050 (compared
to 2008)

“Maritime transport must play its full part in reducing GHG emissions. IMO is the right framework and the States must be ready to commit, without delay, from 2018, to an ambitious goal supported by effective measures. These measures must allow fair competition between the pavilions and take into account the situation of the most vulnerable states.”

Elisabeth Borne, Minister in charge of Transport by the Minister of State, Minister of Ecological and Solidarity Transition, France



COMMITMENT 8

Toward a carbon price compatible with the Paris Agreement

Increasing the prices of the carbon market will encourage economic players to adopt less-polluting practices and take the necessary steps to respect the objectives of the Paris Agreement.



8.1 A more significant carbon price in the European Union

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- Environment and Climate Ministers of France, Germany, the Netherlands, Sweden and the United Kingdom have:
- Welcomed the recent agreement on the reform of the EU ETS
 - Acknowledged that additional reforms will be needed in the EU
 - Committed to examine, or even implement in some cases, a significant carbon price in relevant sectors

ACCOMPLISHMENTS

- Due to the vote on the reform of the EU ETS, carbon price has risen from 5 €/t to more than 20 €/t in one year.
- High level event hosted by France on the 5th of March 2018, with Climate Ministers, or their representatives, of France, Finland, the United Kingdom, Sweden, Germany and the Netherlands, and a Member of the European Parliament, the European Climate Foundation and Eurelectric.

NEXT STEPS

- Continue to work with the voluntary EU Member States to emphasize the advantages of carbon pricing and determine how to overcome the difficulties.
- Achieve a larger price increase in the EU ETS
- Promote an increase of carbon pricing (in level and perimeter) in non-ETS sectors

KEY FIGURES

+ €15
increase of carbon price in the EU ETS in one year

5
ambitious European countries pledging for a significant carbon price

“A well-designed carbon price is an indispensable part of a strategy for reducing emissions in an efficient way.”
Report of the High Level Commission on Carbon Prices, Carbon Pricing Leadership Coalition



8.2 Carbon Pricing of the Americas

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

Paris Declaration on Carbon Pricing of the Americas

- Signed by heads of state of Canada, Mexico, Chile, Colombia, Costa Rica, and top representatives of subnational governments of California, Washington, Quebec, Ontario, Nova Scotia, Alberta and British Columbia
- Commits to promoting carbon pricing both internally and in the context of markets or taxes.
- Promote common measurement, reporting and verification systems in the context of regional collaboration

ACCOMPLISHMENTS

- Launch of CPA Cooperation Platform with Canada & Mexico as co-Chairs and support of ECLAC & WBG; inclusive at all levels (national, subnational, private sector, civil society)
- Working Groups established to advance collaboration through sharing of best practices; regional-focused outreach and joint policy research.
- Priority areas of WG determined:
 - Common standards, Monitoring Reporting and Verification(MRV)
 - competitiveness;
 - complementary policies;
 - stakeholder engagement;
 - CPA partners meetings: Chile in January and Mexico in August

NEXT STEPS

- CPA Paris Declaration remains open for other jurisdictions to join. Ongoing discussions of government partners with, inter alia, Argentina, Peru, and RGGI states;
- Working Groups established under the CPA Cooperation Platform fully operational, and delivering on agreed work programs on policy research areas and knowledge sharing (including upcoming CPA webinar series in Nov/Dec 2018).
- CPA member jurisdictions advance, as applicable, development or deployment of own carbon pricing mechanisms, e.g., Mexico's design and piloting of an ETS, Chile's review and refinement of current carbon tax.

KEY FIGURES

22%
of total emissions in the Americas are part of the Paris Declaration

Growing number
of national and subnational jurisdictions introduced a carbon pricing instrument

Increased number
of companies measure and offset their carbon footprint, and price carbon emissions in their operations

Carbon pricing is a critical quantum jump for the much-needed transformation to a low-carbon future. The Carbon Pricing of the Americas platform will unleash market forces to drive climate innovation and solutions. This unique initiative should lead the Global Coalition for Carbon Pricing as was called for in 2015 by the Paris Climate COP President Hollande.” Ban Ki Moon, former UN Secretary General



COMMITMENT 9

Actions of central banks and businesses

How can convergence be created between the public- and private-sector work for the climate? Central banks and businesses have answered the One Planet Summit's call and have committed together to take significant steps to redirect financial flows towards the low-carbon economy.



9.1 TCFD Coalition

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- Launch of a coalition of companies committing to implement the TCFD recommendations and of States and supervisors planning to adjust their regulations if need be to promote corporate disclosure consistently with the TCFD recommendations.
- Announced by Mark Carney and Michael Bloomberg.

ACCOMPLISHMENTS

- Launch of the TCFD Knowledge Hub, a web-based platform providing resources for companies to implement the recommendations
- Publication of an update and monitoring report providing an overview of current disclosure practices in line with the TCFD recommendations
- TCFD has been asked by the FSB to continue its work and draft a further update and monitoring report in 2019.
- Decision of the FSB on a possible follow-up.

NEXT STEPS

- Extension of the mandate of the TCFD to effectively monitor progress.
- Additional commitments to implement the recommendations of the TCFD.
- Publication of further guidance by partners and of additional TCFD aligned reports by companies.
- Announcement of companies planning to implement the TCFD recommendations beyond formal support.

KEY FIGURES

424+
companies and organizations support the TCFD recommendations. It includes 8 out of 10 of the largest asset managers, leading insurance companies, pension funds, accounting organizations and the largest proxy advisory firms

3
national governments (France, Sweden, United Kingdom) included in the group of supporters

// *Increasing transparency makes markets more efficient, and economies more stable and resilient."*

Michael R. Bloomberg, Chair



9.2 Central Banks and Supervisors Network for Greening the Financial System

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- Establishment of a Network for Greening the Financial System by 8 central banks and supervisors accounting for a third of both global financial assets and carbon emissions - People's Bank of China, Monetary Authority of Singapore, Bank of Mexico, Banque de France and ACPR, Bank of England, German Bundesbank and the Dutch and Swedish supervisors.
- Aims to share analyses and innovations to:
 - develop the opportunities related to the financing of the transition
 - measure the long term risks associated with climate change

ACCOMPLISHMENTS

- Definition of governance and work program of the network, chaired by Frank Elderson from the De Nederlandsche Bank (rotating)
- Conference on climate risk for supervisors on April 6th 2018 in Amsterdam with supervisors from 30+ countries and 50+ supervisory organizations
- Publication of the mandate of the NGFS work streams and the NGFS Charter
- Extension of membership since launch (now 17 members and 5 observers)

NEXT STEPS

- Stocktaking exercise in 2018
- Communication on progress at the IMF-WB annual meeting in October 2018
- 1st NGFS progress report to be published in April 2019 at the latest

KEY FIGURES

3
thematic priorities identified for the network work streams: micro prudential, macro financial, scaling up green finance

+7
Additional members and 5 observers since December 2017

// *Central banks are concerned with "greening" the financial system. This may be unexpected, but it's more than a passing trend. This is a conviction: climate stability is, in the long run, part of the determinants of financial stability, which is our responsibility.* **François Villeroy de Galhau, Governor of the Banque de France**



9.3 Sustainable Finance: Putting the financial sector to work for the climate

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- EU to be at the forefront of changes in the global finance industry and reform the financial sector in support of the transition to a more sustainable economy.
- By pioneering action through its Capital Markets Union, EU to be globally leading the shift and scale up private investment towards achieving the objectives of the Paris Agreement.
- With the overall goal of supporting the transition by putting in place the right conditions and incentives for investors to fund projects such as low-carbon and energy-efficient infrastructure.

ACCOMPLISHMENTS

- Sept. 2017: Proposal to require the EU Supervisory Authorities to take ESG risks into account
- Jan. 2018: Final report of the High-level Expert Group on Sustainable Finance
- March 2018: EC Action Plan on 'Financing Sustainable Growth' and High-level Conference on Financing Sustainable Growth
- May 2018: 3 EU legislative proposals made to:
 - establish a taxonomy on sustainable economic activities,
 - improve disclosure requirements related to sustainability risks
 - create benchmarks for low-carbon investment strategies

NEXT STEPS

- Ongoing:
 - Assessment of the extension of the eco-label framework to financial products
 - Clarifying the duty of institutional investors and asset managers regarding ESG risks
 - Incorporating sustainability in investment advice
 - March 2019: Conference on Sustainable Finance,
- June 2019: Technical Expert Group established in June 2018 reports on:
 - A taxonomy on climate change mitigation and adaptation;
 - An EU Green Bond Standard;
 Improving climate-related corporate disclosures;
 - Low carbon benchmarks.
- Q2 2019: Revision of guidelines on non-financial reporting

KEY FIGURES

25%
Is the part of the next EU budget (2021-2027) or €320bn the EC proposed to dedicate to climate objectives.

Dedicated financial support for sustainable infrastructure investments through the "InvestEU" programme, leveraging
€150bn

// *The reforms which are underway in the EU are about putting sustainability considerations at the heart of investment decisions. This will allow us to harness the entire financial market in the fight against climate change."*

Valdis Dombrovskis, Vice-President European Commission



COMMITMENT 10

International mobilization of development banks

Development banks are working on the ground and supporting the financing of infrastructures and projects in the most fragile countries and emerging economies. By taking into account the sustainability criteria and redirecting their funding, they can have a decisive role in the fight against climate change.



10. +30 development banks align with the Paris Agreement

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- Joint declaration between IDFC and multilateral development banks to align with the Paris Agreement, committing to:
 - Support the Principles of Mainstreaming Climate Action;
 - Redirect financial flows towards low-carbon and climate-resilient sustainable development;
 - Mobilize private sector;
 - Advance processes, tools, knowledge sharing, quality and transparency of climate finance data;
 - Collaborate with national and sub-national governments to reduce GHG emissions and increase renewables
 - Develop policy-enabling environment and build capacity for climate action;
 - Support 2020 climate action and long-term decarbonization.

ACCOMPLISHMENTS

- MDB climate finance combined with co-financing from other investors reached \$86.9bn in 2017 in developing and emerging economies, of which climate finance mobilized from the private sector was \$21.8bn.
- MDBs committed \$9.2bn for renewable energy in 2017, an increase of 49% from 2016.
- IDFC members dedicated 80% of their climate finance in 2017, to support projects, programs and policies in developing and emerging countries.
- IDFC's climate finance is steadily increasing since 2015, at a rate of 20% per year. Adaptation finance has doubled in 2017 compared to 2016.

NEXT STEPS

- MDBs and IDFC members are actively working together to develop alignment approaches to the Paris Agreement.
- They are committed to further harmonizing application of the Common Principles for tracking adaptation and mitigation finance, as well as defining a common framework for tracking progress on resilience.

KEY FIGURES

\$35.2bn
of climate finance reported by MDBs in 2017 in developing and emerging economies, an increase of 28% from 2016, including \$7.4bn for adaptation. More details in the Joint Climate Finance Report (<http://www.ebrd.com/2017-joint-report-on-mdbs-climate-finance>)

\$196bn
of climate finance reported by IDFC in 2017 worldwide, a 23% increase from 2016, including \$10bn for adaptation. Details available in the IDFC Green and Climate Finance Mapping Reports (www.idfc.org/)



COMMITMENT 11

Commitment by sovereign funds

To initiate the transition, six sovereign funds are involved in rebuilding global finance around the objectives of the Paris Agreement. The funds are responsible for national savings and encourage investors to take into account the climate risk and, in doing so, alter the trend of the global economy towards sustainable growth.



11. Sovereign Wealth Fund working group

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

– Establishment of the Sovereign Wealth Fund (SWF) working group to accelerate efforts to integrate financial risks and opportunities related to climate change in the management of large, long term asset pools

– 6 funds: Abu Dhabi Investment Authority, Kuwait Investment Authority, Norges Bank Investment Management, the Public Investment Fund of the Kingdom of Saudi Arabia, the Qatar Investment Authority (5 of the largest SWFs in the world) and the New Zealand Superannuation fund (Chair)

ACCOMPLISHMENTS

– On 6th July 2018, publication of the One Planet Sovereign Wealth Funds Framework, aimed at helping SWFs to:

- foster a shared understanding of key principles, methodologies and indicators related to climate change;
- identify climate-related risks and opportunities in their investments;
- enhance their investment decision-making frameworks to better inform their priorities as investors and participants in financial markets

– 3 principles recognized by the SWF working group:

- Alignment of investment policies with climate change considerations
- Ownership, by encouraging investee companies to address material climate change issues
- Integration of climate change related risks and opportunities

NEXT STEPS

– Work with the International Forum of Sovereign Wealth Funds and other cooperative platforms for asset owners to exchange and advance best practices on climate issues.

– Having other long-term institutional investors make use of the Framework in the execution of their mandates

KEY FIGURES

6

Sovereign Wealth Funds engaged who collectively manage over \$3 trillion in assets

// *By using the Framework, SWF can reinforce their long-term value creation, improve their risk-return profile, and increase long-term portfolio resilience by factoring and integrating climate issues into their decision-making"*

The six founding members of the SWF working group



COMMITMENT 12

Mobilizing institutional investors

From States to banks, investment funds to philanthropists, institutional investors have considerable weight in the global economy. They met during the One Planet Summit and committed to working together for the climate.



12.1 Climate Action 100+

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- Global collaborative initiative launched by 225 investors to engage an initial list of 100 of the largest global corporate GHG emitters to:
 - Implement a strong governance framework which clearly articulates the board's accountability and oversight of climate change risk.
 - Take action to reduce GHG emissions across the value chain, consistent with the Paris Agreement.
 - Provide enhanced corporate disclosure in line with the final recommendations of the TCFD to improve investment decision-making.

ACCOMPLISHMENTS

- Expansion in both scope and influence with:
 - 279 signatories with nearly \$30 trillion in AUM
 - +61 companies in the initiative's focus list
- Structure established via the steering committee: Australian Super, Calpers, Ircantec (CDC), HSBC GAM, Manulife AM, supported by : AIGCC, Ceres, IGCC, IIGCC, PRI
- Engagement roadmap with the 100 companies defined and adopted; roadmap of engagement strategies developed and implementation is underway

NEXT STEPS

- Forthcoming production and publication of a focus company benchmark analysis report, providing a high-level 'traffic light' assessment of each firms' compliance with each category in the Climate Action 100+ framework
- Qualitative report on results from initial engagement
- Unveil new website
- Publication of a complementary list of companies to be engaged
- Shareholder AGM activity, relating to specific focus companies.

KEY FIGURES

18%
of targeted companies supporting or committed to implementing the TCFD recommendation

22%
of targeted companies set or committed to setting a target for reducing their GHG emissions beyond 2030

// *We believe that engaging with the companies in which we invest to aggressively step up their actions on climate change is consistent with our fiduciary duty and will contribute to achieving the goals of the Paris Agreement." Betty Yee, California State Controller, Calpers Board member*



12.2 Breakthrough Energy: \$1bn in breakthrough technologies and expanded Coalition

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- Expansion of the Breakthrough Energy Coalition (BEC) to include a diverse global network of leading banks, funds, energy producers, and technology companies
- Partnerships with 5 Mission Innovation members: Canada, Mexico, UK, France and the European Commission
- Investments from Breakthrough Energy Ventures (BEV), the US\$1bn fund dedicated to building cutting-edge companies that will help stop climate change

ACCOMPLISHMENTS

- Increased Coalition's membership
- Completed studies on innovation hotspots and ecosystems with 2 MI partners
- Publication of a series of clean energy technology roadmaps and public sector best practices
- Held series of strategic meetings (including BEC member participation at MI's third ministerial)
- Exploring co-investment opportunities with MI partners
- Launch of a joint program with France on unlocking and scaling-up private investment in clean energy SMEs
- Breakthrough Energy Ventures began investing across geographical regions.

NEXT STEPS

- Establish initial programmatic initiatives for the Coalition
- Launch co-investment opportunities with several of our Mission Innovation partners
- Implementation of joint program with France
- Fourth Mission Innovation ministerial meeting in Vancouver in May 2019
- Breakthrough Energy Ventures will continue to aggressively invest in startups and form companies across sectors and geographies.

KEY FIGURES

15+
startup companies created and invested in by Breakthrough Energy Ventures

5
of Breakthrough Energy's "Grand Challenges in Climate" (Electricity, Agriculture, Buildings, Manufacturing, and Transportation) covered by closed deals

“Energy transitions take a long time, but there's more urgency than ever to prevent the worst impacts of climate change. We need new models of investment and new partnerships between governments and a broad network of investors, companies, and energy customers. BEC is designed to help facilitate those partnerships and bring more energy products from the lab to the market more quickly.” Bill Gates, Chair of the Board



12.3 Task force for philanthropy innovation

ANNOUNCEMENTS ONE PLANET SUMMIT 2017

- Task Force to expand philanthropy's role in the accelerated delivery of the Paris Agreement with 12 philanthropists and 3 governments
- Identify the mechanisms of collaboration with governments, public finance agencies, philanthropists and institutional investment partners
- Mobilise additional funding to:
 - accelerate the deployment of renewable energy and storage;
 - tackle air pollution;
 - propose climate-resistant agricultural models.

ACCOMPLISHMENTS

- New set of intergovernmental and global philanthropic partnerships with dynamic working relationships
- 4 Working Groups formed to explore opportunities and joint programmes in the fields Blended Finance, Renewable energy in South East Asia, Air quality and Agriculture
- Design of scalable blended finance investment vehicle focused on climate infrastructure in emerging markets.

NEXT STEPS

- Public launch of the Task Force for philanthropic innovation,
- Philanthropies and governments announce significant progress in:
 - Development of flagship blended finance vehicle.
 - Coalition preparing offer of assistance for renewable energy transition in South East Asia.
 - Cross-sector action plans for Air Quality and Agriculture Working Groups .
 - Expand pilot geography explorations beyond Asia to Africa, South America and Europe.
 - Increase philanthropic members to 18+.
 - Roll out projects and financing – proof of concept through pilots

KEY FIGURES

+ 4
foundations joined the Task Force, taking current philanthropy membership to 16

+ 1
government member – Canada, France, UK are now joined by Germany. Interest expressed by Australia, Italy, Japan, Sweden and Norway

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