

BUSINESS & CLIMATE

SUMMIT 2016 • LONDON



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Business & Climate Summit

Tuesday 28 – Wednesday 29 June 2016

Guildhall, London

CORE PARTNERS



With support from
The World Economic Forum
Global Project on Climate Change

Tuesday 28 June 2016

Words Into Action: Implementing the Paris Agreement

08:30 Registration & Refreshments (Old Library)

09:30 – 10:00 Welcome & Keynote Addresses (Great Hall)

Speakers:

Sir Roger Gifford, Chairman, City of London's Green Finance Initiative

Peter Bakker, CEO, World Business Council for Sustainable Development (WBCSD)

Ségolène Royal, Minister of the Environment, Energy and Marine Affairs, and, President, COP21

Rachel Kyte, CEO and Special Representative of the UN Secretary-General, Sustainable Energy for All (SE4ALL)

Ban Ki-moon, Secretary-General, United Nations (Video Message)

10:00 – 11:00

PLENARY

What Does The Paris Agreement Mean For Business: Risks & Opportunities (Great Hall)

The Paris Agreement sent a clear message to the global business and investment community. It's no longer just about commitments or waiting for governments to move – it's about real climate action now. This plenary discussion will interpret what the Agreement means for business in terms of risks and new opportunities over the short and long-term, directly and as a result of national and local policies.

Speakers:

Christiana Figueres, Executive Secretary, UNFCCC

Michel Madelain, Vice Chairman, Moody's Investors Service

Jean-Dominique Senard, CEO, Michelin

Mahendra Singhi, Group CEO and Whole Time Director, Dalmia Cement (Bharat) Limited

Aron Cramer, President & CEO, BSR (Moderator)

11:00 – 12:15

PLENARY

How Can Business Action Bend The Curve Below 2 Degrees? (Great Hall)

The Paris Agreement is based on the twin pillars of collective action and the individual Nationally Determined Contributions put forward by countries in the lead-up to COP21. These NDCs represent the maximum possible ambition that nations believe they can achieve over the next decade and a half. But despite the Paris Agreement committing the world to keeping temperature increase well below two degrees above pre-industrial levels, current NDCs leave us short of these goals.

Business has demonstrated the economic case for ambitious climate leadership across energy, transport, supply chains, industrial processes and the built environment. But how can this leadership be scaled up to get us on track for a sub-two degree world? Where are the biggest opportunities? What would the impact be if the business community as a whole delivered the maximum possible ambition it could achieve?

This plenary, led by a mixture of policy, business and investor voices, will see the launch of the Business Determined Contribution Report which is designed to address these questions. The reports outlines how a “visionary business determined contribution” will set an ambitious emissions reduction goal for the business sector for both 2020 and 2030, as well as draw on the many corporate commitments that have been made since the UN Climate Summit in 2014

Speakers:

Kerry Adler, CEO, SkyPower

Steve Howard, Executive Board Member, IKEA

Patrick Pouyanné, Chairman & CEO, Total

Laurence Tubiana, Special Representative for COP21, Government of France

Paul Simpson, CEO, CDP (Moderator)

12:15 – 12:45

Bold New Climate Policy in Canada’s Oil Sands: How Oil Companies and Environmental Organizations Are Creating New Conversations about Decarbonization in a Resource Rich Economy

This session features unlikely collaborators: Steve Williams, the CEO of Canada’s largest energy company and Tzeporah Berman, well known climate campaigner and strategy advisor for environmental organizations across North America. With colleagues from four other large oil sands producers and a number of leading Canadian environmental organizations, they engaged in intensive problem solving for over a year to understand their respective interests and identify potential paths forward both could support. Through bold and courageous leadership, they were able to provide advice on strong climate policy in Alberta including the world’s first emissions limit for a major hydrocarbon basin that was welcomed by Alberta Premier Notley in announcing the Alberta Climate Leadership Framework on November 22, 2016.

Speakers:

Steve Williams, President and Chief Executive Officer, Suncor Energy

Tzeporah Berman, Co-Chair, Joint Problem Solving Forum, Adjunct Professor, York University

12:45 – 14:00

Lunch (Old Library)

14:00 – 15:30

PARALLEL SESSIONS

14:00 – 15:30

The Energy Transition: Can We Make Good Progress On Our SDG7 & Climate Goals By 2030? (Great Hall)

Organised by *SE4ALL*

The Paris Agreement called for an urgent and radical shift in the way we produce and consume energy, setting the ambition to keep the increase in the global average temperature rise to “well below 2 degrees” and pursue efforts to “limit the increase to 1.5 degrees”. Sustainable Development Goal 7 calls for ensuring access to affordable, reliable, sustainable and modern energy for all. In order to achieve both goals, business plays a key role as one of the most efficient and effective engines of change to reorient development along a more sustainable trajectory.

This debate will explore the business commitments, new business models and technology solutions that are needed to meet the Paris and SDG7 goals by 2030.

Speakers:

Keith Anderson, CEO, Iberdrola UK

David Hone, Chief Climate Adviser, Shell

Charlotte Aubin, CEO, Greenwish

Peter Sweatman, Chairman, Climate and Strategy partners

Kathy Calvin, President & CEO, UNF

Sheila Watson, Director of Environment, FIA Foundation

Preben Munch, Director, Corporate Customers & Strategic Partnerships, EcoHz

Michael Liebreich, Chairman of the Advisory Board, Bloomberg New Energy Finance

Sandrine Dixson-Decleve, Chief Partnership Officer, Sustainable Energy for All (Moderator)

14:00 – 15:30

Achieving Climate-Positive Land Use In Agriculture & Forestry – The Role Of Business (Livery Hall)

Organised by *Tropical Forest Alliance 2020*

The combined emissions reduction potential in agriculture and forestry is roughly equal to that of the power and transport sectors combined. Moreover, forests offer an opportunity to cut emissions in the short-term and at an up-front cost of possibly as low as \$6 per ton of CO₂ abatement – less than a third of the respective cost in the power sector. In agriculture, the average cost of abatement measures are the lowest of all major economic sectors, and can even reach negative costs.

Private sector companies have taken important actions to realize climate-positive growth opportunities in agriculture and forestry, including commitments for deforestation-free supply chains, land restoration, measures to prevent forest fires, development of climate-smart crops and agriculture technologies, as well as innovative financial support schemes to enable the

transition towards low-carbon agriculture and forestry. Often, these measures require effective collaboration across sectors and public-private partnerships with national and sub-national governments.

This session will be the opportunity to showcase how leading private sector companies are taking action to realize climate-friendly growth through sustainable land use in agriculture and forestry. The panellists will have the opportunity to discuss the role of collaborative approaches and public-private partnerships to accelerate the transition towards low-carbon growth and development in the land use-based economy.

Speakers:

Justin Adams, Managing Director, Global Lands, The Nature Conservancy

Chris Brett, Senior Vice President, Olam International

Chris Hood, President Europe, Kellogg Company

Jeff Seabright, CSO, Unilever

Bey Soo Khiang, Vice-Chairman, RGE

Emmanuelle Wargon, Vice President, Global Corporate Affairs and Sustainability, Danone

Jon Williams, Partner, Sustainability and Climate Change, PwC

Jim Leape, Consulting Professor, Stanford University (Moderator)

14:00 – 15:30

**Decarbonizing Transport: The Opportunities & Challenges For Business
(East Crypt)**

Organised by *World Business Council for Sustainable Development*

Our guiding long term vision for climate action must include total decarbonisation of transport. This panel will bring together companies working on developing and deploying solutions to enable this decarbonisation, including low carbon energy, system efficiency and innovative partnerships. But there are barriers across technology, policy and finance that must be overcome. To explore the scale of the challenge – and the pace of change we can expect – road and air experts will affirm that there is no single silver bullet. Instead we require a range of technologies and energy vectors for transport if we are to stand a chance of succeeding.

Speakers:

Maarten Van Dijk, CEO, SkyNRG

Matthew Tipper, Vice President – Alternative Energies, Shell

Joshua Whiton, Founder, Transloc

Patrick Oliva, Senior Vice President, Sustainable Mobility & Energy Transition, Michelin

Brian Baynes, CEO and Board Member, Joule

Gareth Dunsmore, Electric Vehicle Director, Nissan Europe

Peter Bakker, CEO, WBCSD (Moderator)

14:00 – 15:30

Doubling Global Real Estate In A 2 Degree World (West Crypt)

Organised by *Global Alliance for Buildings and Construction*

This session aims at addressing the following questions: How to meet the estimated needs by almost doubling the real estate by 2050? How can long-term visibility and partnerships between stakeholders address in deliver?

Buildings and construction sector is responsible for 30% of global CO2 emissions. This figure is growing rapidly and could reach 50% of CO2 emissions by 2050. Moreover, buildings are long-term ventures. Today's new buildings are tomorrow's existing stock. Failure to act now will lock in growth in GHG emissions for decades, as the global real estate should double by 2050.

On the other hand, the buildings and construction sector is an economic powerhouse. It represents more than 50% of global wealth. The sector also offers one of the most cost effective and an economically beneficial path for reducing energy demand and associated emissions while at the same time supporting adaptation and resilience to climate change. Many solutions are available. Proven policy, finance and technology actions exist.

In this context, the Global Alliance for Buildings and Construction (Global ABC) aims at mobilizing resources and actors to build a greater pace for action and make buildings and infrastructure a large-scale lever to reduce GHG emissions.

Speakers:

Tatiana Bosteels, Director Responsibility & Head Responsible Property Investment at Hermes Investment Management

Ronan Dantec, Vice-President, La Commission Développement Durable du Sénat

Curt Garrigan, Cities and Buildings Programme Officer, United Nations Environment Programme (UNEP)

Jérôme Gatier, Ministère de L'Écologie, France

Yves-Laurent Sapoval, Global Alliance for Buildings & Construction

Terri Wills, CEO, World Green Business Council

Bernard Mathieu, Group Head of Sustainable Development, LafargeHolcim

Francois Baillon, FIDIC

15:30 – 16:00

Refreshments (Old Library)

16:00 – 17:30

PARALLEL SESSIONS

16:00 – 17:30

Moving The Energy Transition Further, Faster (Great Hall)

Organised by *SE4ALL*

Together with the help of governments and the private sector, our collective challenge is how to translate the vision of Sustainable Development Goal 7 and the Paris Agreement into results. Countries have taken leadership, developing NDCs where 99% outline efforts to address greenhouse gas emissions from the energy sector. The private sector has made commitments to accelerate the transition to an affordable, reliable and sustainable energy system. But to move

from plans to implementation and deliver across multiple agendas in a way that is resilient to economic and political changes, requires greater coordination across initiatives, instruments and investments – and the emergence of new, non-traditional partnerships.

This session will focus on moving the bar fast and far. It will be opened and closed by inspirational keynotes and include a panel of public and private sector leaders who are already delivering the low carbon energy transition.

Speakers:

Robin Chase, Co-Founder and Former Chief Executive Officer, Zipcar, Buzzcar and GoLogo;
Co-Founder and Board Member, Veniam; Author, Peers Inc

Anders Opedal, COO, Statoil UK

Luiz Eduardo Osorio, Chief Institutional Relations & Legal Officer, CPFL Energia

Assaad Razzouk, CEO, Sindicatum,

Naoko Ishii, CEO, GEF

Saïd Mouline, CEO, ADEREE & Chairman of the Energy, Climate and Green Economy
Committee, CGEM

Rui Teixeira, Board of Directors, EDP

David Turk, Deputy Assistant Secretary for International Climate and Technology, U.S.
Department of Energy

Philippe Joubert, Executive Chairman, Global Electricity Initiative and Chair, The Prince of
Wale's Corporate Leaders Group (CLG) (Moderator)

16:00 – 17:30

Accelerating the Business Transition To The Circular Economy (Livery Hall)

Organised by *Circular Economy Initiative of the World Economic Forum*

In a world of close to 9 billion people expected by 2030 – including 3 billion new middle-class consumers – the challenges of expanding resource supply to meet future demand are unprecedented. So what if we can move from a linear economic model of 'take-make-waste' to a circular model where we make better use of resources, extracting less, wasting less, and circulating resources in the economy perpetuity? The circular economy is a viable, profitable alternative that many businesses and governments have already started exploring, as it offers a \$ 4.5 trillion GDP growth opportunity by 2030 and could reduce carbon emissions by up to 70%.

The panel discussion at the Business & Climate Summit will seek to explore what makes circular economy approaches successful and how they could support or even counteract the climate agenda. This considers business model implications and relevant technologies as well as it looks into the options at hand to combine climate action with circular economy transformation.

Speakers:

Justin Keeble, Managing Director, Accenture Strategy

Harry Verhaar, Head of Global Public & Government Affairs, Royal Philips

Henry Saint Bris, Senior Vice President Marketing & Institutional Relations, Suez
Environnement

Andy Ridley, CEO, Circle Economy

Freya Burton, Vice President Communications & Government Relations, Lanza Tech

Maarten van Dijk, CEO, SkyNRG

Kirstie McIntrye, Director Global Sustainability Operations, HP

16:00 – 17:30

Key Climate Levers For Transport, Logistics & Corporate Fleets (East Crypt)

Organised by *BSR*

International-trade-related freight transport currently accounts for around 7 percent of global carbon emissions and, if left unchecked, is projected to increase fourfold by 2050 (from a 2010 baseline). We need bold business leadership from all sectors to ensure that the impact of international trade does not seriously undermine global climate goals.

The good news is that there are many levers to pull for improved performance, from greater route and vehicle efficiency to modal shifts and the scaling of low-carbon fuels. There are also several barriers to overcome, from the slow turnover of stock and infrastructure to the high-capital costs and uncertainty characterizing many potential low-carbon solutions.

In this session, we will hear from leaders in different modes and layers of the transport value chain, both about the progress they are making and the combination of technology innovation, cross-industry collaboration, and sustained policy intervention that will be required for the sector to do its part in addressing greenhouse gas emissions.

Speakers:

Peter Harris, Director of Sustainability, EMEA, UPS

Patrik Klintbom, Director Environment & Energy, Volvo

José Viegas, Secretary-General, International Transport Forum at the OECD

Eric Olson, Senior Vice President, BSR (Moderator)

16:00 – 17:30

Built Environment – Getting To Net Zero (West Crypt)

Organised by *World Green Building Council*

Buildings are responsible for 30% of global greenhouse gas emissions. Data from the International Energy Agency tells us if we continue building this way, the sector will contribute to a 6 degree scenario of global warming. But if we get to net zero building fast, we can keep to a 2 – or even 1.5 – degree scenario. A number of global green building corporate leaders will showcase how net zero is achievable at a building and district scale – today.

Speakers:

Esther An, Chief Sustainability Officer, City Developments Limited

Mike Chaldecott, CEO, Saint-Gobain UK

Ibrahim Al Zu'bi, Head of Sustainability, Majid Al Futtaim

Jonathan Maxwell, CEO, Sustainable Development Capital Limited

Terri Wills, CEO, World Green Business Council (Moderator)

17:30 – 18:30

Close & Drinks Reception (Old Library)

Wednesday 29 June 2016

Finance, Innovation and Policy for The Low Carbon Transition

08:30 Registration & Refreshments (Old Library)

08:50 - 09:20 Keynotes Addresses (Great Hall)

Speakers:

Stuart Gulliver, Group Chief Executive, HSBC

Felipe Calderón, Former President of Mexico and Chair of the Global Commission on the Economy and Climate

09:20 – 10:30

PLENARY

Unlocking The Trillions: How To Finance The Low Carbon Economy (Great Hall)

Led by Summit Partner New Climate Economy

How do we shift and scale up the financing needed to turn the ambitions of 2015 into a reality? As investors with over US\$600 billion in assets have decarbonised portfolios, the financial risks of climate change and stranded assets are increasingly clear.

Speakers:

Stuart Gulliver, Group Chief Executive, HSBC

Rana Kapoor, Founder, MD and CEO, Yes Bank

Saker Nusseibeh, CEO, Hermes Investment Management

Julian Mylchreest, Global Head of Energy & Power, Bank of America Merrill Lynch

10:30 – 10:45

Transition

10:45 – 12:45

PARALLEL SESSIONS

10:45 – 12:45

Risk Disclosure (Great Hall)

Organised by *The City of London Corporation*

Environmental concerns are at the top of political, regulatory and industry agendas worldwide, from the G20's Green Finance Study Group to the FSB's Task Force on Climate-related Financial Disclosure. Global capital markets are not simply being required to follow suit, however – they are undertaking the heavy lifting necessary to meet or even beat the two-degree ceiling agreed in Paris.

Quantifying environmental risk and identifying value in the transition to a carbon-neutral economy are crucial steps in this process, and are affecting the full breadth of the financial and

professional services sector, from asset managers and insurers to accountants and underwriters.

This session will explore the extent to which sustainability and environmental factors are already reshaping twenty-first century capital markets, and the further development of climate-aligned disclosure requirements post-COP21 and beyond.

Speakers:

Sir Roger Gifford, Chairman, City's Green Finance Initiative

Ben Caldecott, Director of Sustainable Finance, Smith School of Enterprise and Environment

Isabelle Laurent, Deputy Treasurer & Head of Funding, EBRD

Alexis Gazzo, Partner, EY

Zoe Knight, Head of Climate Change Centre of Excellence, HSBC Global Research

David Harris, Group Head of Sustainable Business, London Stock Exchange Group

Brian Cahill, Managing Director, AP Corporates and Financial Institutions, Moody's

Stephanie Maier, Director of Strategy and Research, Aviva Investors

Nick Robins, Co-Director, UNEP

Russell Picot, FSB Task Force & HSBC

Jon Williams, FSB Task Force & PwC

Graeme Pitkethly, FSB Task Force & Unilever

10:45 – 12:15

**Achieving Climate Goals With The Right Carbon Pricing Mechanisms
(Livery Hall)**

Organised by *The Shift Project, IFC, Climate Change Project of the World Economic Forum, Carbon Pricing Leadership Coalition, Carbon Disclosure Project.*

In the wake of the Paris Agreement, carbon pricing is a critical tool to accelerate the transition and meet the "well below 2°C" climate ambition. The Carbon Pricing Panel and the Carbon Pricing Leadership Coalition now call upon the world to double its current carbon pricing coverage to 25% of global emissions by 2020. This goal cannot be achieved without mobilizing the financial sector to identify risks and opportunities.

Now is the time for industry, finance and policy leaders to put in place the right level of carbon pricing to trigger the necessary investments to achieve a low-carbon transition. Building on the success of the 2015 Business & Climate Summit which rallied many voices in favour of putting a price on carbon, this session will show that strong carbon pricing mechanisms can mobilize businesses and investors, and that progress is being made across industries and regions.

The high-level panel and debate will also provide an opportunity to discuss the role of carbon pricing pathways/corridors in helping send a clear signal to the private sector and to discuss solutions to common political challenges such as loss of competitiveness, globalization and negative prices.

Speakers:

Vincent De Rivaz, CEO, EDF

Spencer Lake, Vice-Chair, Global Banking and Markets, HSBC

John Roome, Senior Director for Climate Change, World Bank

Sharon Dijksma, Minister for Infrastructure and Environment, Government of the Netherlands

Jean-Marc Jancovici, President, The Shift Project

10:45 – 11:45

Race For Change: How Do We Accelerate Collaboration & Rapid Innovation In A Post-Paris World? (West Crypt)

Organised by *Organised by University of Cambridge Institute for Sustainability Leadership and the Prince of Wales's Corporate Leaders Group*

From the power sector to transport and industry, delivering on the required 'net zero' scale of decarbonisation will require radical innovation – which in itself will create new business opportunities and investment returns. Innovation and a viable, competitive, sustainable future is possible for many industries, but to deliver it requires a new commitment from business, finance and government to unlock business models fit for the 21st century.

Cambridge Institute for Sustainability Leadership will draw on its European and international network to bring together leaders from business, policy and finance space to discuss how increased collaboration is required to unlock innovation and a 'new industrial revolution' to deliver on the promise of Paris.

Speakers:

Sir David King, Foreign and Commonwealth Office Climate Change Envoy,

Dr Jennifer Howard-Grenville, Diageo Reader in Management Studies, University Cambridge Judge Business School

Philippe Joubert, Chairman, Prince of Wales's Corporate Leaders Group

Léon Wijnands, Global Head of Sustainability, ING

Dame Polly Courtice, Director, University of Cambridge Institute for Sustainability Leadership

11:45 – 12:45

Homes Driving Down Emissions - Low Carbon Living & Working For All (West Crypt)

Organised by *The Climate Group*

This session will explore how the way we build and use our homes could become a major driver for emissions reduction. It will introduce preliminary results from Home2025 – a project that explores what must be done by businesses and governments to make smarter low carbon living a reality for the 8 billion people inhabiting the earth by 2025.

Speakers:

Steve Howard, Executive Board Member, IKEA

Will Gardner, CEO, Collectively

Niall Dunne, CSO, BT Group

Ron van Erck, Programme Manager, Europe Energiesprong

Terri Wills, CEO, World Green Building Council
Myriam Maestroni, CEO, ON5 Company
Jean Louis Chaussade, CEO, Suez Environment

10:45 – 12:45

**The Role and Responsibility of Creative Industries on Climate Action
(East Crypt)**

Organised by *World Bank Connect4Climate, Maitland Green*

During a public interview with Al Gore at the 2015 Annual Cannes Lions Advertising Festival, Sir Martin Sorrell, Chairman of WPP Group of advertising agencies offered to stand arm-in-arm with heads of rival advertising networks at Cannes Lions 2016 if all will pledge solidarity with the climate change movement.

The World Bank's Connect4Climate Campaign in partnership with the Business Climate Summit and Maitland Green/Havas is staging a thematic discussion on "The Role of Creative Industries in Sustainability and Climate Change" with the objective of perpetuating the engagement of media, entertainment and advertising sectors on climate action.

Speakers:

Sir Martin Sorrell, CEO, WPP
Andy Ridley, CEO, Circle Economy
Jonathan Charles, Managing Director, Communications, EBRD
Caroline Nursey, Executive Director, BBC Media Action
Beth Garrod, Director, Social Responsibility, Viacom International Media Networks
Simon Spanswick, CEO, Association of International Broadcasters
Erin Lyon, Executive Director CSR-Asia
Kate Garvey, Founder Project Everyone
John Momoh, Founder & CEO Channels Television

12:45 – 14:00

Lunch (Old Library)

14:00 – 15:00

**PLENARY
Climate and Trade (Great Hall)**

Organised by *International Chamber of Commerce, Entreprises pour l'Environnement and Cefic*

Trade and climate change have an inextricable and intimate relationship. This session will create a discussion between business leaders and policymakers regarding the trade policy priorities from a climate and green growth perspective, addressing the necessary action needed at multilateral level – for example potential changes to World Trade Organization rules – as well as the possible role of bilateral and regional agreements.

Speakers:

Roberto Azevêdo, Director-General, World Trade Organization
Bruno Lafont, Co-Chairman, LafargeHolcim

Jean-Louis Chaussade, CEO, Suez

Reinhard Quick, Director of the Liaison Office in Brussels, VCI

John Danilovich, Chair, International Chamber of Commerce

Ricardo Mélendez-Ortiz, CEO, ICTSD (Moderator)

15:00 – 16:00

PLENARY

Climate Policy In A Post-Paris World (Great Hall)

Following the declaration of the business and investment community, how can international, national and sub-national policy support ambitious business action to go further and faster? Former heads of state, ministers and premiers discuss innovative policy options that can continue to attract this investment.

Speakers:

Gérard Mestrallet, Chairman, ENGIE & Chairman, Paris EUROPLACE

Paul Polman, CEO, Unilever

Sharon Dijksma, Minister for Infrastructure and Environment, Government of the Netherlands

Vidar Helgesen, Minister of Climate and the Environment, Government of Norway

Adrienne Carter, International Business Editor at the New York Times (Moderator)

16:00 – 16:15

Closing Remarks (Great Hall)

Speakers:

Brice Lalonde, President, Business & Climate Summit

Miriam Bensalah-Chaqroun, President, Confédération Générale des Entreprises du Maroc

Pierre Ducret, Advisor Green Finance, Paris EUROPLACE & Advisor for Climate Change,
Caisse des dépôts Group

Nigel Topping, CEO, We Mean Business

16:15 – 17:00

Close & Afternoon Tea Reception (Old Library)