



# MEASUREMENT AND ATTRIBUTION OF CLIMATE CONTRIBUTION TO FINANCIERS

7 DECEMBER 2019

16:45—18:15

ROOM 6, HALL 4

IFEMA

AV. DEL PARTENÓN, Nº 5

To shift from incremental improvements to transformational changes in climate actions, financiers should be incentivized to conduct green investments. This requires the measurement and attribution of their scope 3 climate contribution, a complex task that raises several new and challenging issues.

**Introduction:** MASSAMBA THIOYE, Manager of Regulatory Development Unit, UNFCCC

## SESSION 1. MEASUREMENT OF FINANCIERS' CONTRIBUTION TO THE CLIMATE GOALS

**Moderator:** KIRSTEN DUNLOP, CEO, Climate-KIC

**Speakers:**

- NANCY SAICH, Climate Change Expert/Senior Adviser, EIB
- MIKE KNIGHT, Senior Adviser, Carbon Tracker
- SIMON MESSENGER, Director, 2 Degrees Investing Initiative
- SIMON CONNELL, Head of Sustainability Strategy, Standard Chartered Bank
- DENNIS PAMLIN, Senior Advisor, RISE Research Institute of Sweden

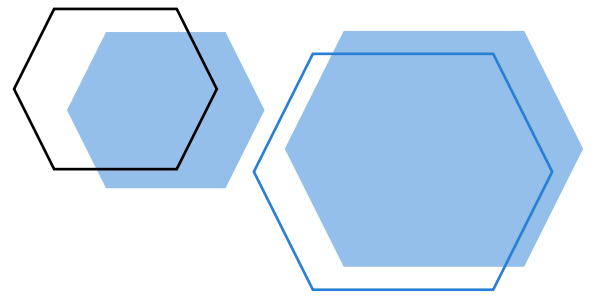
## SESSION 2. HOW GREEN BONDS COULD BEST SUPPORT THE PARIS AGREEMENT

**Moderator:** SUE REID, Vice-President of Climate and Energy, Ceres

**Speakers:**

- CAREL CRONENBERG, Associate Director, EBRD
- BETH BURKS, ESG Associate Director, S&P Global Rating
- SEAN KIDNEY, CEO, CBI - Climate Bonds Initiative

# SPEAKERS



## MASSAMBA THIOYE

Manager of Regulatory Development Unit,  
UNFCCC



Massamba Thioye is Manager in the Sustainable Development Mechanisms Program of the UNFCCC Secretariat and is leading the development of (i) incentive mechanisms for climate action and (ii) regulations pertaining to measurement of climate outcomes. He is also overseeing the support to enhanced climate action by the financial sector as well as increased access to low capital cost for clean investment in developing countries.

As Co-Chair of the Climate Chain Coalition (CCC), a coalition of more than 100 organizations and member of the Advisory Board of INATBA (International Association for Trusted Blockchain Applications), he is working on use cases of DLTs for climate and sustainability action.

He is also co-chairing the development of ISO 14097 “Framework and principles for assessing and reporting investments and financing activities related to climate change”. Within the UNFCCC secretariat, Massamba Thioye is leading the work on the application of disruptive technologies to climate and sustainability actions.

Massamba graduated process engineer and has a Ph.D. on energy systems. He published several articles in technical peer-reviewed journals and was awarded “Best scientist in Senegal” by the Senegalese President in 1997.

## KIRSTEN DUNLOP CEO, CLIMATE-KIC



Kirsten’s career spans academia, consulting, banking, insurance, strategy, design, innovation and leadership, across three continents. She joined Climate-KIC in February 2017 from an Australian financial services conglomerate, Suncorp.

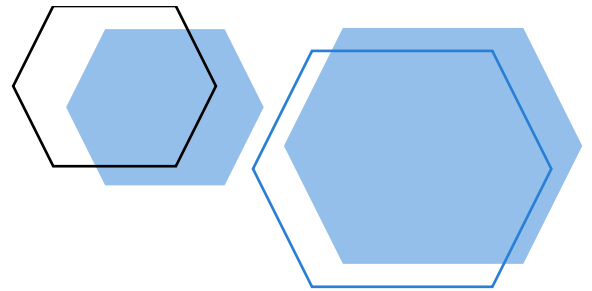
She is committed to shaping and placing innovation to catalyse profound systemic change. Her vision for Climate-KIC is to co-create a multi-sided marketplace for transformation and the generation of innovation options to achieve a zero-carbon economy and a climate resilient society.

In her role at Suncorp, Kirsten founded and led a bespoke division focused on managing and responding to strategic risk through innovation, transforming core business and industry models from within.

Prior to roles in Second Road, KPMG and Suncorp in Australia, Kirsten led the Generali Group Innovation Academy for Assicurazioni Generali in Italy, pioneering proprietary thinking in the areas of Strategic Risk management, strategic innovation, strategic leadership development and cultural change.

Kirsten holds a Ph.D. in cultural history.

# SPEAKERS



## **NANCY SAICH**

Climate Change Expert/Senior Adviser, EIB



Nancy Saich is a chartered civil engineer who specialised early in her career in transport projects and more specifically in ports and coastal work. 25 years ago, she became involved in the discussions in the maritime engineering industry on the challenges of incorporating climate change impacts into the design guidance for maritime projects. This was the beginning of her close interest in climate change. After 13 years of work as a consulting engineer, she joined the European Investment Bank in 1998.

Nancy is one of the longest standing members of the Bank's Environmental Assessment Group, providing the Bank's Project Teams with due diligence support on environmental and climate matters on a wide range of projects funded by the Bank. She is also a founder member of the Bank's Inter-Directorate Climate Working Group. Following her move to the Bank's Environment, Climate and Social Office in 2011, Nancy has a specific role as EIB's Chief Climate Change Expert, and is responsible for leading the work on Paris Alignment with other MDBs, Climate Finance definitions and impact reporting, including the Carbon Footprint of the Bank's Project portfolio. She also works on the definitions and impact reporting for the Bank's Green Bonds – the EIB's Climate Awareness Bonds, and works closely with other Finance Institutions on impact reporting harmonisation.

Most recently, since 2018, Nancy is a Member of the EU's "TEG" - Technical Expert Group on Sustainable Finance.

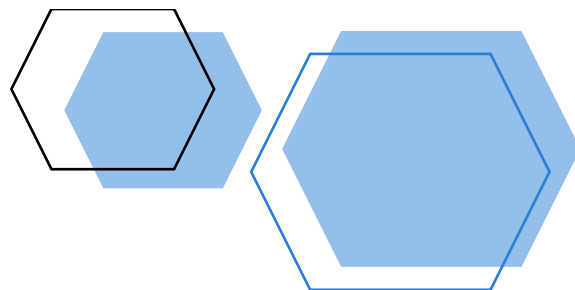
## **MIKE KNIGHT**

Senior Adviser, Carbon Tracker



Mike has a background in financial markets regulation. For a number of years, he led the frontline regulatory supervision and investigation of corporate disclosure. Similarly, he has worked in Hong Kong financial markets regulation of markets disclosure and corporate misconduct. He has also worked in EU and international financial markets policy development and implementation. Mike participated in the early development of TCFD-related climate financial risk thinking and since been working in climate financial and carbon pricing policy development.

# SPEAKERS



## **SIMON MESSENGER**

Director, 2 Degrees Investing Initiative



Simon joined the 2°ii in 2018 and is Director of its Paris and London offices. He is based in Paris and provides leadership and oversight to a range of technical and policy programs, as well as heading up the 2°ii corporate and investor engagement.

Prior to joining the 2°ii, Simon was the Managing Director of the Climate Disclosure Standards Board (CDSB) in London. Before that, he was Head of Consulting at the UK's Energy Saving Trust, and a management / sustainability consultant for PwC and Deloitte.

Simon holds an MSc Ecological Economics (Distinction) and a BSc (Hons) Environmental Geoscience (First Class) from the University of Edinburgh, UK.

## **SIMON CONNELL**

Head of Sustainability Strategy,  
Standard Chartered Bank

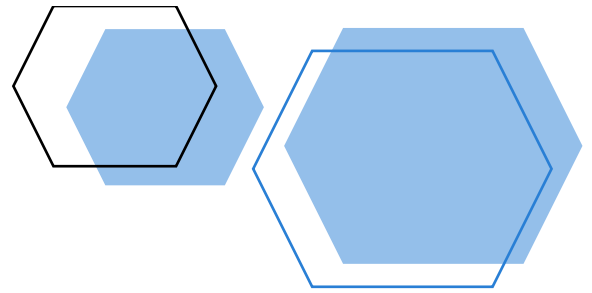


Simon is Head of Sustainability Strategy at Standard Chartered. In this role he leads the Bank's external engagement and co-ordinates internal action on sustainability across the organisation with a specific focus on climate change and human rights.

Simon has over a decade's experience in helping banks understand and manage environmental and social risks and opportunities presented by their client portfolios, holds a BSc in Politics with Economics and is a qualified Corporate Treasurer and Management Accountant.



# SPEAKERS



## DENNIS PAMLIN

Senior Advisor,  
RISE - Research Institute of Sweden



Dennis Pamlin is an entrepreneur and founder of 21st Century Frontiers. He is a senior advisor at RISE, a Senior Associate at Chinese Academy of Social Sciences, advisor to Centre for Sustainable Development at Confederation of Indian Industries (CII) and accelerator of digital sustainability at Cybercom.

Current work includes work to establish a global trend assessment tool with AI to support sustainable disruption. He is also leading Mission Innovations Initiative for Net-Zero Compatible Innovations and the development of the Avoided Emissions Framework.

## SUE REID

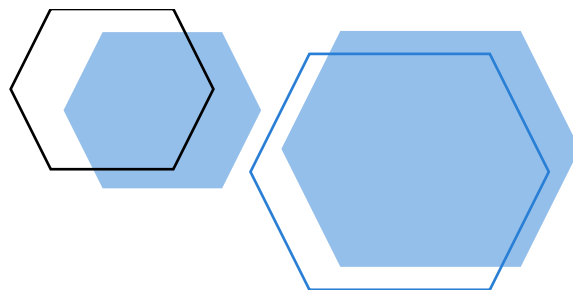
Vice-President of Climate and Energy, Ceres



Sue is Vice President of Climate & Energy at Ceres. In this role, she has helped lead the development and implementation of Ceres' Commit to Climate campaign and the Climate Action 100+ initiative — all geared toward mobilizing the private sector to align with the objectives of the Paris Agreement. Sue also works to advance the Ceres Clean Trillion, a clean energy investment target intended to avoid the worst effects of climate change, requiring more than \$1 trillion additional investment in clean energy globally each year while ratcheting down investment in fossil fuels.

She has more than two decades of experience as an attorney and specialist in climate and energy policies, practices and investments. Prior to joining Ceres, Sue served as Vice President and Massachusetts Advocacy Center Director at the Conservation Law Foundation, where she successfully spearheaded efforts to secure some of the strongest climate and clean energy policies in the U.S. and led a team that secured the shut-down of all remaining coal plants in Massachusetts. Sue also previously worked as an intellectual property litigation attorney in Silicon Valley and Boston, representing a broad range of high-tech clients.

# SPEAKERS



## CAREL CRONENBERG

Associate Director, EBRD



In the EBRD, Dr. Cronenberg is responsible for the climate finance tracking and reporting activities. Leading the MRV unit, he has a key role in the implementation of the EBRD's Green Economy Transition initiative, in particular by developing and implementing approaches to define green projects. These include climate change mitigation, climate adaptation as well as resources efficiency projects.

He is coordinating the joint MDB working group on climate finance, and represents the EBRD in the EU Technical Expert Group (TEG) for sustainable finance. In the TEG, he is co-chair for the development of a sustainable finance taxonomy for the manufacturing sector and the ICT sector.

Dr. Cronenberg has closely been involved in the development of the recently launched CBI principles for Climate Resilience Bonds, as well as the EBRD framework for Green Transition Bonds.

Dr. Cronenberg has an engineering background and worked in the chemical and oil and gas sector for 20 years before joining the EBRD in 2012.

## BETH BURKS

ESG Associate Director, S&P Global Rating



Beth is an Associate Director on the Sustainable Finance team at S&P Global Ratings where her role includes providing Environmental, Social and Governance (ESG) Evaluations, Green Evaluations, integrating ESG into credit ratings, and publishing thematic research.

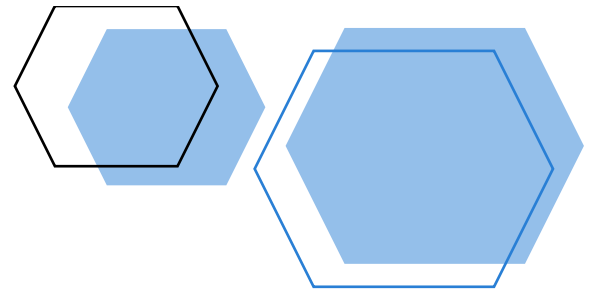
Beth has extensive experience in ESG data and analytics specializing in energy, utilities, infrastructure, materials, retail and consumer products sectors. Her published research includes looking at water risks and social risks in credit ratings, linking ESG and corporate financial performance, and climate change finance.

Prior to working at Ratings, Beth worked for Trucost where she specialised in assessing water and climate risk for corporate clients. Beth has also worked at Morgan Stanley analyzing corporate action events.

Currently, Beth is part of the City of London's Sustainable Development Capital Initiative (SDCI), which aims to help raise the investment needed to meet the UN Sustainable Development Goals (SDGs). Beth is also involved in development of climate scenario analysis for credit ratings from a physical risk perspective. She has an interest in understanding how satellite technology and machine learning can be incorporated into financial analysis.

She holds a BSc in Mathematics from Imperial, and has recently completed her MSc in Geographical Information Science.

# SPEAKERS



## **SEAN KIDNEY**

CEO, CBI - Climate Bonds Initiative



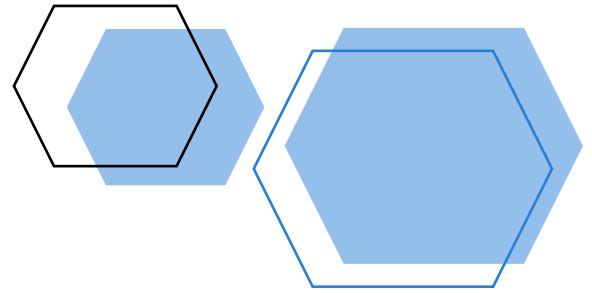
Sean Kidney is CEO of the Climate Bonds Initiative, an international NGO working to mobilize debt capital markets for climate solutions. Projects include a green bond definitions and certification scheme with \$34 trillion of assets represented on its Board and some 200 organizations involved in its development and governance; working with the Chinese central bank on how to grow green bonds in China; an international Green Infrastructure Investment Coalition; and market development programs in Brazil, Mexico, Colombia, Nigeria and East Africa.

He was member of the 2017 EU High Level Expert Group on Sustainable Finance and is a member of its successor, the EU Technical Expert Group on Sustainable Finance; he is also a member of green finance advisory groups in China, India, Mexico and Kazakhstan.

He has previously been a consultant on green bonds to the United Nations Secretary General, a member of the Peoples Bank of China Green Finance Task Force and a member of the Commonwealth Secretariat's Expert Committee on Climate Finance.

In both 2017 and 2018 he was voted GlobalCapital magazine's "Most Influential Champion" of the sustainable finance market.

# LOGISTICS



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