



SPEAKERS



Kee-Yung Nam
Principal Energy Economist
Alternate CCUS Fund Manager
ADB

Dr. Nam is the Principal Energy Economist, Sustainable Development and Climate Change Department (SDCC), Asian Development Bank where he conceptualizes development of the energy sector strategies and policies and advises in the formulation of the energy sector lending and non-lending pipeline of projects. He is also responsible for the Energy Sector Trust Funds and undertakes analysis and assessment of key energy sector issues particularly in clean energy technologies. Prior to joining SDCC, he was Principal Economist, Economic Research and Regional Cooperation Department, where he provided contributions in analytical research and technical advice on multiple disciplines including power sector development and reforms, renewable energy, fossil fuel subsidy, transport, impact evaluation, country diagnostic studies, and issues related to economic analysis on investment projects particularly on energy, infrastructure, and environment sectors.

Prior to joining ADB, he worked in the International Atomic Energy Agency (IAEA), International Institute for Applied Systems Analysis (IIASA) and the United Nations for Industrial Development (UNIDO).



Iain Macdonald
CCUS Lead
Oil and Gas Climate Initiative

Iain holds various degrees in environmental sciences. He started his professional working career in Qatar working in support of their expanding LNG industry. He then returned to the UK and led for a decade a world-class research centre focused on CCS at Imperial College London. Just over two years ago he joined Shell's Group Carbon and became the lead for the Oil and Gas Climate Initiatives' CCUS workstream.



Samantha McCulloch
Head of CCUS
International Energy Agency

Samantha McCulloch is the Head of the CCUS Unit at the Paris-based International Energy Agency. Her team provides leading analysis and insights on the development and deployment of carbon capture, utilisation and storage technologies. Samantha is a lead author of several IEA publications, including Energy Technology Perspectives Special Report: CCUS in Clean Energy Transitions, 20 years of CCS: Accelerating future deployment and 5 keys to unlock CCS investment.

Prior to joining the IEA, Samantha was the Policy Director of the Australian Coal Association and held various positions in the Australian Government, working on coal policy, energy market reform and energy security policy. Samantha has a Master of Public Policy, LLB (Hons) and Bachelor of Commerce.



Jannicke Bjerkaas
CCUS Director
Fortum Oslo Varme

Jannicke Gerner Bjerkaas (1972) is Director CCS (Carbon Capture and Storage) in Fortum Oslo Varme, and head of the full-scale carbon capture project at Oslo's largest waste-to-energy plant since 2018.

She has expertise in CO₂ capture and climate technology, working to develop new industrial climate solutions as well as sustainable energy production and energy recovery, in accordance with technical, political and commercial requirements. Extensive management experience as a.o. Head of HR and Communication and Chief of Staff, and has professional knowledge from more than 10 years in energy recovery, recycling

and biological treatment of organic waste. She is a former Air Force officer with 4 years of training from the Royal Norwegian Air Force Academy, and 12 years of service in different positions within airspace control and intelligence, communications and HR. She has completed studies in market economics and also has a Master of Management from BI Norwegian Business School..



Beth Valiaho
Vice-President, Strategy & Stakeholder Relations
International CCS Knowledge Centre

As Vice-President, Strategy & Stakeholder Relations, Beth represents the Knowledge Centre amongst global decision makers and financiers to accelerate engagement on and understanding of the deployment of carbon capture and storage (CCS); and focuses on helping to link CCS knowledge within Canada and with other countries to reduce locked-in investments and collaboratively support the goals of the Paris Agreement. Her understanding of complex climate change matters, policies and regulations, and international financing concerns act as a solid basis for assisting both national and international implementation strategies for technologies that support environmental targets.

Prior to joining the Knowledge Centre, Beth worked briefly as legal counsel for the provincial Crown utility. She pairs this industrial perspective with regulatory knowledge as Acting Director of Climate Change with the Government of Saskatchewan. These positions are reflective of Beth's time with the National Round Table on the Environment and the Economy where she focused on analysing provincial/territorial climate action plans and making recommendations for low cost and sustainable pathways. Beth's legal education, teaching and practice have explored balancing energy, the environment and social implications.



Mark Sisouw de Zilwa
Managing Director- Energy
ING

Mark Sisouw de Zilwa, Managing Director, Energy – Head Technical team, has worked at ING Bank for 20 years and is heading the Energy technical team supporting ING's conventional and renewable energy financing globally. Mark has worked over 34 years in the Energy industry and worked internationally for Shell and Stork/Jacobs before joining ING bank.

Mark has led ING's Energy Transition Scenario Planning (2017-2019) which is an important risk management tool within ING and his team is currently actively supporting the project financing initiatives on new technology projects in the fields of CCUS, Hydrogen, Electricity Storage, Floating Solar, and recycling technologies.

Mark holds a M.Sc. in Petroleum Engineering from Delft University in The Netherlands.



Edward L. Morse
Managing Director
Head of Global Commodities Strategy
Citi

Ed Morse is Managing Director and Global Head of Commodities Research at Citi, and held similar positions at Lehman Brothers and Credit Suisse. He has taught at Princeton, Columbia and Johns Hopkins universities, worked as the Council on Foreign Relations, served as Deputy Assistant Secretary of State for Energy Policy, and in management at Phillips Petroleum.

A co-founder of PFC Energy, a former publisher of "Petroleum Intelligence Weekly", he also worked at Hess Energy Trading Company. Among his consulting experiences has been designing Yemen's oil pricing policy and consulting for the UN Security Council on the design and negotiation of the Oil-for-Food Program for Iraq. Morse frequently writes guest editorials for The Financial Times, New York Times, Wall Street Journal and Washington Post and often is a commentator for Bloomberg TV and CNBC.

He serves on advisory boards at Columbia and Princeton Universities and the business school at the University of Colorado. He is a Senior Fellow of both the USAEE and the IEEJ and in 2018 was named by Petroleum Economist in its inaugural "Global Energy Elite" issue as among the ten most prominent individuals in energy banking and finance.

Clean Energy Ministerial CCUS Initiative



Juho Lipponen

Juho is Co-ordinator of the Clean Energy Ministerial CCUS Initiative. He works closely with the four co-chairs and all Initiative Members, and is responsible for the day-to-day running of all the activities of the Initiative. Prior to this, between 2010-2018, Juho was Head of Carbon Capture and Storage Unit at the International Energy Agency, and acting Head of Energy Technology Policy Division. Before joining the IEA, Juho held several positions at Eurelectric in Brussels.

Juho holds a M.(Sc) in political science, economics and constitutional law from University of Turku, Finland. He is based in Paris, France.