



Khalid Abuleif

Saudi Arabia

Khalid Abuleif is Senior Advisor to HRH Minister of Energy on Sustainability and Climate Policy. Khalid has over 30 years' experience on sustainability, climate change policy and carbon management. He is the lead negotiator for the climate change agreements and the Kingdom's focal point to the Secretariat for the United Nations Framework Convention on Climate Change (UNFCCC) and the Intergovernmental Panel for Climate Change (IPCC) and the chair of the G20 Climate Stewardship Working Group. He was the Co-Chair of the Kyoto Protocol Compliance Committee and the Chairman of the Facilitative Branch on 2012/2013. He served in this branch since its inception in December 2005.

He is leading the Kingdom's teams and focal point for the clean energy initiatives including the Carbon Sequestration Leadership Forum (CSLF) since 2005, Clean Energy Ministerial since 2014, Mission Innovation since 2015 and the coordinator of policy and CDM to year 2012.

Khalid Abuleif is a University of Houston graduate with a B.S. degree in Civil Engineering; and M.S. degree in Environmental Engineering.



Allan Baker

Société Générale

Allan Baker, Managing Director, Global Head of Power Advisory and Project Finance has worked at Société Générale for twelve years and has been involved in the power sector for more than 30 years, initially as an engineer and then in finance. During his career he has been involved as advisor or debt arranger in a wide variety of projects around the world ranging from green-field renewable energy (most recently offshore wind) to the acquisition of large international power portfolios. In recent years he has been instrumental in bringing the financing perspective to the policy debate around CCS based on his experience of advising on several the world's largest carbon capture and storage (CCS) projects.

Allan was a member of the UK Government's original CCS Development Forum and is now a member of the current CCUS Council as well as contributing to the UK Cost Challenge Taskforce. In terms of CCS experience, Allan is currently acting as Financial Advisor for the Net Zero Teesside project in the UK and has previously acted as Financial Advisor for the White Rose CCS project in the UK, the Teesside Industrial CCS project in the UK, the Abu Dhabi CCS project and Powerfuel CCS (Don Valley), including a successful application for NER300 funding from the EU.

Allan has a BSc (Hons) in Mechanical Engineering, holds an MBA, is a Fellow of the Institution of Mechanical Engineers and a Chartered Engineer.



Abyd Karmali OBE

Bank of America

Abyd Karmali is a Managing Director, Sustainable Finance at Bank of America based in London. He is part of the team supporting the bank's capital deployment efforts, in particular its commitment to mobilise \$300 billion for low-carbon investment opportunities by 2030. He has worked for twenty-eight years on climate change and sustainable finance and was made an Officer of the Most Excellent Order of the British Empire (OBE) for these efforts in the Queen's New Year's Honours List for 2019.

Before joining the financial sector in 2007, he was a partner in a management consulting firm in Washington DC where he advised companies on their climate strategy and also spent two years with the United Nations Environment Programme in Paris where he served as Energy and Climate Change Programme Officer. In 2013, Mr. Karmali served as one of two inaugural private sector representatives to the Board of the Green Climate Fund.

Abyd holds an MS in Technology and Policy from the Massachusetts Institute of Technology (MIT).



Natalia Kulichenko-Lotz

World Bank

Natalia Kulichenko-Lotz is Lead Energy Specialist in the Energy and Extractive Global Practice at the World Bank. Her work addresses energy sector policy dialogue and sector reform, energy access, power generation, transmission and distribution networks, as well as advanced energy technologies, including concentrating solar power and carbon capture and storage, and related policy and project development. Her technical expertise relates to energy policy and power generation technologies including thermal and renewable energy power generation, carbon capture and storage, and energy efficiency programs.

During her career, Dr. Kulichenko-Lotz developed and managed programs in South Africa, Botswana and Mexico, where she led teams of specialists to develop pilot CO₂ capture and storage projects. Currently, Dr. Kulichenko manages the World Bank Trust Fund on Capacity Building for Carbon Capture and Storage.

Natalia holds a Ph.D. in Chemical Engineering, M.Sc. in Electrical Engineering, and MBA with specialization in international finance.



Mahendra Singhi

Dalmia Cement (Bharat) Limited

Mr. Singhi is Managing Director and CEO of Dalmia Cement, a leading cement group in India ranked globally no.1 by CDP on business readiness for a low carbon economy transition based on its lowest carbon footprint operations and bold commitments to become carbon negative cement group by 2040. Mr. Singhi has also been recognized as one of the 5 Climate Defenders by BBC in their "Climate Defenders" Series broadcasted in Nov. 2019. Mr. Singhi also serves many organisations as:

- President - Cement Manufacturers Association (CMA), India
- Chairman - National Council for Cement and Building Materials (NCCBM) India
- Chairman - Development Council for Cement Industry, Ministry of Commerce & Industry, India
- Co-Chair, TERI Council for Business Sustainability (TERI-CBS), India
- Commissioner, Energy Transitions Commission (ETC), London, U.K.
- Commissioner, High-Level Commission on Carbon Pricing and Competitiveness, World Bank Group, U.S

A positive thinker and strong supporter of happiness culture in the organisation, Mr. Singhi promotes innovative ideas. He believes sustainable business is about creating future opportunities while mitigating the global challenges such as climate change.



Sue-Ern Tan
Royal Dutch Shell

Sue-Ern is the Group Carbon Relations Manager at Royal Dutch Shell. She is responsible for Shell's global carbon policy agenda and Shell's engagement with carbon related external initiatives including the Oil and Gas Climate Initiative (Executive Committee Representative), Carbon Capture Storage Association (Board member), Global CCS Institute and Zero Emissions Platform (Advisory Council). Sue-Ern joined Shell in November 2016 following the integration of BG Group and Shell as Manager Access where she managed the land access, tenures and permits for the QGC Asset.

Prior to BG Group, Sue-Ern practiced as a lawyer, worked as Ministerial adviser on energy in Government and was the Deputy CEO of the NSW Minerals Council, a trade association.

Sue-Ern is an Eisenhower Fellow representing Australia in the 2017 International Program.



Anthony Yuen
Citi Research

Tony Yuen Managing Director and the Head of Energy Strategy at Citi. He advises funds, pension plans, corporates, NOCs and governments etc.

His experience spans a broad spectrum of the energy and environmental sector in different functions, including work in strategy, proprietary trading, banking, upstream and power utility organizations. He has deep expertise in oil/products, gas/LNG, coal, power, renewables, grid integration and emissions markets.

Before Citi, Tony worked at McKinsey & Company and Constellation Energy's Global Commodities Group, one of the largest physical/financial trading operations in North America then.

He received his undergraduate and graduate engineering degrees (electrical/computer/photonics) from the University of Toronto and his Ph.D.

degree in Economics from the University of Pennsylvania. He is also a member and was an Ambassador Lecturer of the Society of Petroleum Engineers.



Yongping Zhai
Asian Development Bank

Dr. Yongping Zhai has been working on energy development in Asia and Africa for more than 25 years. He is currently Chief of Energy Sector Group of the Asian Development Bank, in charge of overall energy policy coordination and technical support to ADB energy sector operations. He is also in charge of developing energy sector knowledge work for ADB and interacts with worldwide energy sector partners.

Prior to his current position, Dr. Yongping Zhai was ADB's Director of South Asia Energy Division (2010-2015), covering energy sector operations in Bangladesh, Bhutan, India, Maldives, Nepal and Sri Lanka. In this capacity, he led ADB's support to renewable energy, energy efficiency and power trade in South Asia. He also served as ADB's Lead Energy Specialist (2008-2010), in charge of energy sector in Southeast Asia.

From 1993 to 2000, Dr. Zhai was a Principal Program Coordinator/Public Utilities Economist at the African Development Bank (AfDB).

Clean Energy Ministerial CCUS Initiative Leads:



Stig Svenningsen
Norway

Stig Svenningsen has been working for the Norwegian Ministry of Petroleum and Energy since 2001. Stig is currently heading the Section for Climate and Emissions to Air in the Department for Climate, Industry and Technology.

This section covers the Ministry's policies on climate change and other emissions to air, including national policies and international cooperation on issues, related to energy and climate change. This includes Norway's Clean Energy Ministerial membership. Stig is presently one of four co-chairs of the CEM CCUS Initiative and is a member of the Advisory Board of the CEM Hydrogen Initiative.



Hamoud Otaibi
Saudi Arabia

Hamoud AlOtaibi, is Senior Advisor for climate change agreement at the Saudi Arabia's Ministry of Energy, and assistant to the Chief Negotiator for Climate Agreements.

He has over 20 years of experience in the oil and refining industry, where he held various technical and leadership positions at Saudi Aramco Riyadh

Refinery, Ras Tanura Refinery, and Staffing Service Department. In 2012, he joined the Ministry of Energy, where he is part climate change and carbon management, including Carbon Capture Utilization and Storage. He represents KSA in the United Nations Framework Convention for Climate Change (UNFCCC), the Carbon Sequestration Leadership Forum (CSLF), the Global Methane Initiative (GMI); the Clean Energy Ministerial (CEM), and the Mission Innovation Initiative (MI).

Hamoud graduated from King Saud University of KSA with a B.Sc. degree in Mechanical Engineering and obtained his Mechanical Engineering M.Sc. from Old Dominion University in Virginia, USA.



Brian Allison
United Kingdom

Brian has forty-two years' experience as a UK Civil Servant. He joined the BEIS CCUS Policy Team in 2010 and leads on CCUS R&D, innovation and international collaboration. Brian represents the UK at the Technical Group of the Carbon Sequestration Leadership Forum (CSLF), IEA Greenhouse Gas R&D Programme (IEAGHG), IEA Working Party of Fossil Energy and is a co-lead of the CCUS Clean Energy Ministerial (CEM) Initiative where he is pursuing, in line with the BEIS Clean Growth Strategy, opportunities to encourage the development of CCUS R&D internationally.

Brian is the UK lead for the CCUS "ACT" (Accelerating CCUS Technologies) grant aid programme where he works with a number of international partners to develop a new call (June 2020) for CCUS R&D projects. He is a co-lead for the Mission Innovation Carbon Capture Challenge.

Brian is an Associate Lecturer with The Open University where he lectures on Renewable Energy and Communication and Information Technologies.



Jarad Daniels
United States

Jarad Daniels leads the Office of Strategic Planning, Analysis, and Engagement within the Department of Energy (DOE) Office of Fossil Energy, including domestic programs and international engagements conducted in close collaboration with industry, academia, and multilateral organizations. Mr. Daniels has twenty-five years of experience with the DOE, managing advanced technology programs and working in several national laboratories throughout the United States. His expertise includes domestic and global energy and environmental technologies, policies, and programs.

Mr. Daniels holds a Master of Science degree in Chemical Engineering from the University of California at Berkeley.



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.