

# Facilitating Nigeria's Energy Transition through CCUS Development

## Speaker's Bios

10 September 2021

10:00-12:00 WAT/11:00-13:00 CET

Partners:



International  
Energy Agency

iea

## Opening workshop on behalf of the International Energy Agency

*Ambassador Mary Warlick*



Ambassador Mary Warlick is the Deputy Executive Director of the International Energy Agency. In 2017 she retired from the US Department of State following a 34-year career during which she served most recently as Principal Deputy Assistant Secretary and Acting Special Envoy and Coordinator for International Energy Affairs. Previously, she was Ambassador to Serbia under President Barack Obama, Consul General in Melbourne, Australia, and Counselor for Economic Affairs in Moscow.

## Opening workshop on behalf of the Office of the Vice President

*Ambassador Adeyemi Dipeolu*



Ambassador Adeyemi Dipeolu is the Special Advisor to the President on Economic Matters in the Office of the Vice President. Previously he served as Director of the Capacity Development Division of the UN Economic Commission for Africa where he also served as Chief of Staff. Ambassador Dipeolu joined the Nigerian Foreign Service in 1980 and was appointed ambassador in 2011. During his career he served in the Economic Affairs and the African Affairs Directorates in the Ministry of Foreign Affairs as well as in Nigerian diplomatic missions in Caracas, Addis Ababa, Pretoria and Geneva.

## Session 1: Potential for CCUS globally and in Nigeria

### Global perspectives on CCUS

*Samantha McCulloch*



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.

## The strategic context for CCUS in Nigeria

*Dr. Victor Richard Osu*



Dr. Victor Richard Osu is a Consultant and Senior Special Assistant on the energy transition and environment to the National Programme Manager of the LPG Expansion Programme of the Office of the Vice-President. Currently, he is facilitating the creation of a national strategic roadmap for CCUS development under the auspice of the Energy Transition Leadership in the Office of the Vice President. Previously, he was an embedded Energy Consultant for the Hienrich Bolle Stiftung Foundation and Monitoring expert for GIZ in the Rural Electrification Funds Directorate of the Rural Electrification Agency, based in Nigeria.

## Session 2: CCUS technologies and developments

### Current status of CCUS technologies

*Tim Dixon*



Tim Dixon is the General Manager of the IEAGHG, appointed in June 2019. He is the chair of multiple international steering committees including for the GHGT conferences, Offshore CCS workshop series, and the Monitoring Network. Additionally, he serves on the advisory committees for multiple CCS projects. In addition to his work at the IEAGHG, he is a director at the International CCS Knowledge Centre, Canada and holds honorary academic positions as the University of Texas Austin, and the University of Edinburgh. Prior to IEAGHG, Tim worked on CCS and clean energy technologies for the UK government. He has been active in UNFCCC meetings since 1999 and represented CCS since 2005.

### Case Study: South Africa's efforts to develop CCUS

*Dr. David Khoza*



Dr. David Khoza is the Executive Manager: Integrated Geoscience Development at the Council for Geosciences. In this role, he leads the national geoscience mapping programme in South Africa. Prior to joining the Council for Geosciences, he worked most recently for Spectrem Air where he managed the geophysics unit. He has also worked for GHP Biliton on minerals exploration and for Anglo American in their Technical Solutions Department where he supported their exploration and mining divisions.

## Moderator

### *Stig Svenningsen*

Stig Svenningsen has been working at the Norwegian Ministry of Petroleum and Energy since 2001. Currently, he is the Deputy Director General and he heads the Section for Climate and Emissions to Air in the Department for Climate, Industry and Technology. This section covers the Ministry's policies, including national policies and international cooperation, on climate change and other emissions to air. He is presently one of four co-chairs to the Clean Energy Ministerial (CEM) CCUS Initiative, and is a member of the Advisory Board of the CEM Hydrogen Initiative.

## Session 3: Near-term needs and opportunities for CCUS in Nigeria

*This session was a panel discussion moderated by Dr. Victor Richard Osu (bio above).*

### *Dr. Felicia Mogo*



Dr. Felicia Chinwe Mogo is the founder and president of the African Marina Environment Sustainability Initiative a non-governmental and pan-AFRICAN organization aimed at achieving clean oceans in Africa. She was previously the Director of the Marine Environment Management Department at Nigerian Maritime Administration and Safety Agency (NIMASA) and is a member of Nigerian Economic Summit Group (NESG) and serves as the Thematic Lead on the Blue Economy and Marine Ecosystem. Furthermore, Felicia is credited with introducing CCUS and offshore geological storage to the Nigerian Federal Government. During her time at NIMASA she led Nigeria's engagement with the IEAGHG, University of Texas, CTCN, IMO, and UNFCCC on CCUS related topics.

### *Iain Macdonald*



Iain Macdonald is the lead of the OGCI CCUS workstream. He works within Shell's Carbon Business and Sector Solutions as a Principal Technical Carbon Advocacy Advisor. Prior to this he was working in LNG operating facilities in Qatar and managed a major industry led CCUS R&D programme for a decade at Imperial College London.

*Dr. Brendan Beck*



Dr. Brendan Beck is a Senior Energy Consultant with the World Bank supporting the implementation of the World Bank Carbon Capture and Storage Trust Fund activities, including carbon capture and storage (CCS) country programs in Mexico and South Africa as well as broader advisory and analytical activities. Prior to that, he was the Manager of the South African Centre for Carbon Capture and Storage and the lead of the South African Pilot CO<sub>2</sub> Storage Project. Previously, Brendan worked at the International Energy Agency and led the development of the IEA's 2010 CCS Technology Roadmap.