

IEA-ICF Resilience Hub

COP26 event

Climate resilience for the global clean energy transition

International
Energy Agency

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4 November 2021, 15:15-16:45 (GMT)

Agenda

15h15 (GMT)	Welcome <ul style="list-style-type: none"> Tanaji Sen, Director – Advocacy and Partnerships, Coalition for Disaster Resilient Infrastructure
15h20 (GMT)	Opening Remarks <ul style="list-style-type: none"> Chris Stark, CEO, UK Climate Change Committee Katie Jereza, Vice President, Corporate Affairs, Electric Power Research Institute
15h35 (GMT)	Session 1: Climate impacts on the energy sector <ul style="list-style-type: none"> Sara Moarif, Head of Environment and Climate Change Unit, IEA Bertrand Magné, Senior Economist, International Atomic Energy Agency Muzafalu Kayondo, Head of Research and Business Development, Uganda Electricity Generation Company Limited Q&A
16h10 (GMT)	Session 2: How to build climate-resilient energy systems <ul style="list-style-type: none"> Molly Hellmuth, International Climate Resilience Lead, ICF Drew Murphy, Senior Vice President, Strategy, Corporate Development and Sustainability, Edison International Juan Pablo Bonilla, Manager of Climate Change and Sustainable Development Sector, Inter-American Development Bank Q&A
16h40 (GMT)	Moderator's wrap-up summary



Chris Stark — CEO of the UK Climate Change Committee

Chris Stark has been Chief Executive of the Committee on Climate Change since April 2018. His previous role was Director of Energy and Climate Change in the Scottish Government, leading the development of Scotland's approach to emissions reduction and the accompanying energy system transition.

Chris has wide experience of economic policy-making, in the Scottish Government, HM Treasury and the Department for Business, Innovation and Skills.



Katie Jereza — Vice President for Corporate Affairs of the Electric Power Research Institute (EPRI)

Katie Jereza is Vice President, Corporate Affairs for the Electric Power Research Institute, providing executive direction and leadership for EPRI's external stakeholder relations, and for communications in support of member engagement, marketing, media relations and technical products.

She brings to EPRI more than 25 years in the energy, water and manufacturing industries, and in the public sector. Most recently she led the U.S. Department of Energy policy and technology team responsible for Transmission Permitting and Technical Assistance in the department's Office of Electricity. She served as a key leader in expanding and diversifying the office's Electricity Advisory Council, with responsibility for aligning research with clear benefits to the public.



Sara Moarif — Head of Environment and Climate Change Unit at the International Energy Agency

Sara Moarif has been head of the Environment and Climate Change Unit at the IEA since late 2019. In this role she oversees a range of internal and external work on energy and environment policy issues, from carbon pricing systems in the power sector to the climate resilience of energy systems, along with IEA participation in the OECD-IEA Climate Change Expert Group and parts of the IEA's international climate-related engagement.

Sara started her career at the IEA, and has worked at the Centre for Climate and Energy Solutions (C2ES) in Washington DC and the OECD Environment Directorate, before returning to the IEA in 2016.



Bertrand Magne — Senior Economist at the International Atomic Energy Agency (IAEA)

Bertrand Magne is a senior economist specialized in global energy issues, climate change policy assessment and the broad UN Sustainable Development Agenda. He has over 20 years of experience, including 13 years in international organizations: International Energy Agency, OECD, International Atomic Energy Agency and Sustainable Energy For All.

Bertrand Magne works in the IAEA Planning and Economic Studies Section. He provides technical advisory to governments, finance and industry representatives. He is an expert adviser for the World Economic Forum Initiative Fostering Effective Energy Transition. He has obtained a PhD from Toulouse School of Economics.



Muzafalu Kayondo — Head of Research and Business Development at Uganda Electricity Generation Company Limited (UEGCL)

Dr. Kayondo is currently the Head of Research and Business Development at the Uganda Electricity Generation Company Limited (UEGCL), a Government of Uganda company in charge of electricity generation. At UEGCL, he spearheads the company's business development activities, as well as research and innovation initiatives. He is driving technological innovation within the Company and Uganda at large, focusing on key areas such as clean energy exploration, energy-mix diversification, energy management, environmental sciences, and the non-core business ventures of the organisation. His team is actively developing solutions to harness renewable energy through design, matching technology with the local context while emphasising sustainability and best practices.

Dr. Kayondo has spearheaded the innovation agenda in the power utility industry in Uganda through various working groups at the national and international level. He is keen to be part of projects/activities that contribute to the betterment of society at large, and especially in building tomorrow's sustainable infrastructure and energy systems.

He holds an MSc and PhD in Civil Engineering from the University of Tokyo, Japan, and a Bachelor's degree from Makerere University, Kampala.



Molly Hellmuth — International Climate Resilience Lead at ICF

Molly Hellmuth is a senior fellow with the ICF Climate Center. In this role, she provides compelling research and objective perspectives on a wide range of climate-related topics to help advance climate conversations and accelerate climate action.

Molly has over two decades of experience mainstreaming climate-resilient development and advising governments, non-governmental organizations, international development organizations, the private sector, and development practitioners. She has developed resilience strategies, tools, and guidelines for various clients, including USAID, the United Kingdom Department of International Development, the World Bank, the African Development Bank, the United Nations, the Association of Southeast Asian Nations Centre for Energy, the U.S. Millennium Challenge Corporation, the U.S. Department of Defense, and the U.S. Department of Energy.



Drew Murphy — Senior Vice President, Strategy, Corporate Development and Sustainability, Edison International

Drew Murphy is senior vice president of strategy and corporate development for Edison International. He is responsible for managing the strategic planning process for Edison International and its subsidiaries and oversees the analysis of emerging trends in the industry and their impact on Edison's regulated utility and competitive businesses. In this role, he has responsibility for advancing strategic initiatives and assessing new opportunities that are key to achieving business growth and long-term shareholder value for the company.

Prior to joining Edison International, Murphy was senior managing director of Macquarie Infrastructure and Real Assets, where he headed the utilities, energy and power team in North America. Previously, Murphy served in a number of senior executive positions at NRG Energy, Inc., including executive vice president, Strategy and Mergers & Acquisitions;

executive vice president and president, Northeast Region; and executive vice president and general counsel.

Murphy earned a bachelor's degree from Harvard College and a juris doctorate degree from George Washington University, where he was a member of the George Washington Law Review.



Juan Pablo Bonilla — Manager, Climate Change and Sustainable Development Sector, Inter-American Development Bank (IDB)

Juan Pablo Bonilla, is the Manager of the IDB's Climate Change and Sustainable Development Sector (CSD). Previously, he was Chief of Staff to the Executive Vice President of the Inter-American Development Bank.

Dr. Bonilla has worked on environmental sustainability, climate change and energy for more than 20 years. He led the IDB's Sustainable Energy and Climate Change Initiative, a major strategic step for integrating climate change and sustainability as a priority for the Bank. Before joining the IDB, Dr. Bonilla worked as Senior Specialist at the World Bank, and was a member of the United Nation's CDM Executive Board.

Dr. Bonilla obtained a B.A. in Civil Engineering from the Universidad Javeriana in Bogotá, Colombia, and then received a M.Sc. in Engineering Management and Systems Engineering and a Ph.D. in Environmental and Energy Management from George Washington University.