

# **IEA-ICF Resilience Hub**

## **COP26 event**

**Collaborative actions to mainstream climate resilience into energy planning and policies**

International  
Energy Agency

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## IEA-ICF Resilience Hub COP26 event

# Collaborative actions to mainstream climate resilience into energy planning and policies

4 November 2021, 9:15-10:45 (GMT)

## Agenda

9h15 (GMT)	<b>Welcome</b> <ul style="list-style-type: none"><li>Robert Kay, Deputy Director, ICF Climate Centre</li></ul>
9h20 (GMT)	<b>Opening Remarks</b> <ul style="list-style-type: none"><li>Mollie Johnson, Assistant Deputy Minister, Low Carbon Energy Sector, Natural Resources Canada</li></ul>
9h25 (GMT)	<b>Scene-setting presentation: IEA Climate Resilience Policy Indicator</b> <ul style="list-style-type: none"><li>Jinsun Lim, Energy and Environment Policy Analyst, IEA</li></ul>
9h35 (GMT)	<b>Fireside chat: National efforts to mainstream climate resilience into energy planning and policies</b> <ul style="list-style-type: none"><li>Laura Lizano, National Energy Director, Costa Rica</li><li>Andrew Prag, Senior Advisor, Environment Directorate, OECD</li><li>Michel Berthelemy, Nuclear Energy Analyst, Nuclear Energy Agency</li></ul>
10h10 (GMT)	<b>Panel discussion: International efforts to mainstream climate resilience into energy planning, policies and investments</b> <ul style="list-style-type: none"><li>Alexander Lane, Energy Division Lead, United States Agency for International Development</li><li>Roberta Boscolo, Lead Weather &amp; Climate Services for Energy, World Meteorological Organisation</li><li>Neha Mukhi, Senior Energy and Climate Change Specialist, World Bank</li></ul>
10h40 (GMT)	<b>Moderator's wrap-up summary</b>

## Moderator



**Robert Kay — Deputy Director, ICF Climate Centre**

Robert is a climate change innovator, with over three decades of experience leading climate change impact assessments, climate change adaptation, and sustainable coastal zone management.

He has worked in over 60 countries across multiple sectors, including government, consulting, and universities. He has in-depth understanding of on-ground action and expertise in global-level strategy and policy.

Robert is an adjunct professor in the Sustainability Research Centre at the Sunshine Coast University in Australia. He is also a senior fellow with the ICF Climate Center. In this role, Robert provides compelling research and objective perspectives on a wide range of climate-related topics to help advance climate conversations and accelerate climate action.

## Speakers

### Opening remarks



**Mollie Johnson — Assistant Deputy Minister, Low Carbon Energy Sector, Natural Resources Canada**

As Assistant Deputy Minister of Natural Resource Canada's Low Carbon Energy Sector, Mollie Johnson leads the Government of Canada's efforts to advance Canada's national energy priorities, including leadership in the global energy transition. In addition to providing strategic advice on domestic and international energy matters, her team delivers energy efficiency and low-carbon power programs to help mitigate climate change, advance the competitiveness of Canada's energy sector, and promote access to reliable, clean and affordable energy for all Canadians.

Prior to her current position, Ms. Johnson served in two positions at Natural Resources Canada: as Assistant Deputy Minister, Communications and Portfolio Sector; and, Director General, Policy, Major Projects Management Office. She has also held executive positions at Environment and Climate Change Canada; the Competition Bureau; and served as a senior officer in Legislation and House Planning at the Privy Council Office.

Mollie holds a Bachelor of Arts in Political Science from the University of Western Ontario, and a Master's Degree in International Affairs from Carleton University's Norman Paterson School.

## Scene-setting presentation



### **Jinsun Lim — Energy and Environmental Policy Analyst, International Energy Agency (IEA)**

Jinsun leads work on climate resilience and climate change impact assessment of the energy sector at the IEA. She is responsible for coordinating the organisation's engagement at COP. Prior to joining IEA she worked at International Renewable Energy Agency (IRENA) and Sustainable Energy for All (SEforAll). She also worked as a representative of Korea for climate negotiations on mitigation and global stocktake.

## Fireside chat



### **Laura Lizano — Director, National Energy Planning Secretariat, Ministry of Environment and Energy, Costa Rica**

Laura Lizano Ramón is a civil engineer from the University of Costa Rica. She has Master degree on Hydropower development from the Norges teknisk-naturvitenskapelige Universitet (NTNU) of Norway.

She worked with the Costa Rican Institute of Electricity (ICE) for 26 years, in different departments and in the development of hydroelectric projects during the planning stages, hydraulic design and in the supervision of constructions. She also participated in multidisciplinary teams of environmental studies of hydroelectric projects.

Her current role as Energy director has been to lead the development of the National Energy Plan and the mechanisms for its monitoring. She is also the representative of Costa Rica in the regional meetings of the member countries of the Central American Integration System (SICA).



### **Andrew Prag — Senior Advisor, Environment Directorate, OECD**

Andrew Prag is currently a Senior Advisor in the OECD Environment Directorate and has more than 15 years' experience across the energy and environment fields. He has previously been Head of the Environment and Climate Change Unit at the International Energy Agency (IEA), and has led diverse research projects at the OECD related to energy, climate change, trade and waste policy. He has also

been closely involved with the UN climate change negotiations (UNFCCC) and the G20 process, and has worked extensively on carbon pricing. Prior to the OECD, Andrew was a principal consultant for Camco Clean Energy where he developed carbon credit projects, and also chaired a policy working group for the Carbon Capture and Storage Association. Earlier in his career he held a variety of roles in the energy sector, including downstream production management with Royal Dutch Shell. He holds an MSc in environmental technology from Imperial College, London, and an MA in natural sciences from Cambridge University, UK.



**Michél Berthélemy — Nuclear Energy Analyst, Nuclear Energy Agency**

Michél Berthélemy is a Nuclear Energy Analyst at the OECD Nuclear Energy Agency (NEA) where he leads international projects on the economics of nuclear, including Gen-III costs reduction opportunities, SMR, Gen-IV and fuel cycle related issues. Prior to joining NEA in 2019, he was in charge since 2015 of nuclear energy economics studies at the French Atomic and Alternative Energies Commission (CEA). Mr Berthélemy graduated from Mines ParisTech in 2013 with a Ph.D. in energy economics.

## Panel discussion



**Alexander Lane — Energy Division Lead, United States Agency for International Development (USAID)**

Alex Lane leads the Built Environment Branch of the Center for Environment, Energy, and Infrastructure, overseeing the Center's Energy, Infrastructure, and Pollution and Green Cities Divisions. Mr. Lane also serves as Center's Energy Division Lead. Alex is a Foreign Service Officer, most recently serving as the Director of the USAID/Pakistan Energy Office, where he oversaw a portfolio of government-to-government construction grants and technical assistance to improve energy sector wide planning, integrate renewables, and reduce distribution losses. Alex has also served in Kazakhstan, Liberia, and Paraguay.

Prior to joining USAID as a Program Officer, he supported state government clients developing greenhouse gas mitigation plans in the transportation sector and contributed to the Virginia Department of Transportation financing strategy. He was a Peace Corps Volunteer in Bulgaria and Peace Corps Response Volunteer in Sri Lanka following the 2004 Indian Ocean tsunami. He

received his undergraduate degree in International Relations from Colgate University and a Master's in Public Administration from Cornell University.



**Neha Mukhi — Senior Specialist, Energy and Climate Change, the World Bank**

Neha Mukhi is a Senior Specialist at the World Bank based in Washington, DC. Her work focuses on sustainable energy solutions including resilient and low carbon investments. Neha leads WB's work in the Caribbean region on energy resilience and renewables. Currently, she is leading the effort to enhance traditional integrated resource planning approaches to render them more 'climate resilient' in the Eastern Caribbean. Neha has also worked on energy efficiency and integrated resource planning in South Asia. Prior to joining WB, she worked with ICF International's Energy and Climate team working in East Asia and South Asia. Neha has an M.S. in Energy and Climate from Harvard University and B.Eng. Civil and Environmental Engineering from Delhi Technological University.



**Roberta Boscolo — Climate and Energy Scientific Officer at the World Meteorological Organization (WMO)**

For more than 10 years Roberta has been working in as science officer for the World Climate Research Programme, coordinating scientific efforts worldwide to address the knowledge gaps in understanding Earth climate system. She lead a team of scientists advancing in the application of climate change research to develop climate adaptation strategies, which contributed to shaping the vision of the UN lead initiative lead by the WMO – Global Framework for Climate Services (GFCS). The aim is to enable society to better manage the risks and opportunities arising from climate variability and change through the provision of science-based climate information and prediction. Roberta currently leads the WMO effort in implementing climate services for the energy sector, particularly in developing countries.