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JOINT LEGISLATIVE COMMITTEE ON  
**CLIMATE CHANGE POLICIES**  
ASSEMBLYMEMBER AL MURATSUCHI, CHAIR

## **Informational Hearing: “Achieving Climate Neutrality: Tradeoffs and Opportunities”**

Thursday, March 10, 2022, Upon Adjournment of Session  
State Capitol, Room 4202

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### **PANELIST BIOGRAPHIES**

#### **Amber Mahone, Energy + Environmental Economics (E3)**

Amber Mahone is a partner at Energy and Environmental Economics, Inc. (E3), a leading energy economics consulting firm based in San Francisco, where she has worked for over a decade on clean energy transition strategies. Amber has led several studies of greenhouse gas reduction strategies in California, working with the California Energy Commission (CEC), the California Air Resources Board (CARB), the California Public Utilities Commission (CPUC), and others. She and her team have recently released reports on Achieving Carbon Neutrality in California for the CARB, and the Challenge of Retail Gas in California’s Low Carbon Future for the CEC. Her team is currently supporting the California Air Resources Board in the development of the 2022 Scoping Plan. Amber has worked on climate strategy projects for clients across the country. She began her career working in development at the International Monetary Fund, which made her realize the extent to which the availability of energy resources, and citizens’ access to it, shape the course of a country’s economy. She holds an M.P.A. from Princeton University and a B.A. in International Relations from Wellesley College.

#### **Erin Mayfield, Assistant Professor, Dartmouth College's Thayer School of Engineering**

Dr. Erin Mayfield is the Hodgson Family Assistant Professor at Dartmouth College in the Thayer School of Engineering. Her research is in the areas of sustainable systems engineering and public policy, with a focus on energy and environmental system transitions in the context of climate change. Mayfield has participated in several large-scale collaborations on infrastructure transitions, including the Net-Zero America Project, and currently serves as a co-author of the Fifth National Climate Assessment. Mayfield also has several years of experience prior to academia as a practitioner working with and in environmental justice communities on hazardous waste

remediation, environmental litigation, and infrastructure planning. She has also held positions at the U.S. Environmental Protection Agency, U.S. Congress, Princeton University, and Environmental Law Institute.

### **Chris Busch, Ph.D. Research Director, Energy Innovation**

Dr. Chris Busch is Energy Innovation's Research Director, where he leads the California Climate Policy Program. Several years ago, his cap-and-trade research correctly forecasted the buildup in the private bank of allowances that has come to pass. Previously, Chris served on California's Economic and Technology Advancement Advisory Committee, and worked for the BlueGreen Alliance, the Union of Concerned Scientists, and Lawrence Berkeley National Laboratory. At UC Berkeley, he earned a Master of Public Policy and a PhD from the Department of Agricultural and Resource Economics.

### **Rebecca Dell, Ph.D., Program Director, ClimateWorks Foundation**

Dr. Rebecca Dell leads the industry program for ClimateWorks Foundation, the largest philanthropic program in the world dedicated to reducing and eliminating the one-third of greenhouse gas emissions that come from the material economy. Previously, she worked at the U.S. Department of Energy in the Obama Administration, where she coordinated implementation of President Obama's Climate Action Plan and was a lead analyst and author of the U.S. Quadrennial Energy Review. Before her federal service, Rebecca was a scientist at the Scripps Institution of Oceanography, studying the interaction between the ocean and land-based ice sheets like those in Greenland and Antarctica. She has a PhD in climate science from MIT and is a fellow of the Center for Global Energy Policy at Columbia University.

### **Dan Kammen, Ph.D., Professor of Energy, UC Berkeley/USAID**

Dr. Daniel Kammen is the James and Katherine Lau Distinguished Professor of Sustainability at the University of California, Berkeley, with parallel appointments in the Energy and Resources Group (where he serves as Chair), the Goldman School of Public Policy (where he directs the Environmental Policy Center), and the department of Nuclear Engineering. He was appointed the first Environment and Climate Partnership for the Americas (ECPA) Fellow by Secretary of State Hilary R. Clinton in April 2010 and served as Science Envoy for Secretary of State John Kerry (2016- 2017).

Kammen is currently on leave from the University of California while serving in the Biden Administration as the Senior Advisor for Energy Innovation at the US Agency for International Development (USAID). His research is focused on the science and policy of decarbonized energy systems, energy access, and environmental justice.

Mr. Kammen was educated in physics at Cornell and Harvard, and held postdoctoral positions at the California Institute of Technology and Harvard.