

Event Pamphlet

Clean Energy
Transition Institute 



CLEAN ENERGY TRANSITION INSTITUTE
DECARBONIZATION FORUM SERIES

ADDRESSING AVIATION'S
➤ CLIMATE IMPACTS ◀

JANUARY 29, 2026
2-6 PM

Event Description

The Clean Energy Transition Institute (CETI) is an independent, nonpartisan research and analysis nonprofit whose mission is to accelerate an equitable clean energy transition in the Northwest.

CETI presents decarbonization forums to illuminate, demystify, and debate the trade-offs of the most important and complex aspects of decarbonization in Northwest.

This forum, *Addressing Aviation's Climate Impacts*, is convening policymakers, regulators, businesspeople, and clean energy advocates to have a focused conversation that explores the progress, pathways, opportunities, and challenges to abating the climate impacts of aviation in the Northwest.

Schedule

2:00pm - 5:00pm

Program

Opening Remarks

- Eileen V. Quigley, CETI
- Senator Maria Cantwell, U.S. Senate

Panel 1:

Climate Solutions for Aviation

- Moderator: Ruby Moore-Bloom, CETI
- Ryan Faucett, *The Boeing Company*
- Nik Pavlenko, *International Council on Clean Transportation*
- Michael P. Wolcott, *Washington State University*
- Jason Humphrey, *RMI*
- Stephanie Meyn, *Port of Seattle*
- Lauren Hogrewe, *WA Department of Commerce*

Panel 2:

Sustainable Aviation Fuels

- Moderator: Ross Macfarlane, CETI
- Andy Billig, *SkyNRG*
- S. Derek Phelps, *Twelve*
- Courtney Unruh, *Qantas*
- Lauren Kickham, *Microsoft*
- Tim Zenk, *Earth Finance*

5:00pm - 6:00pm

Networking Reception

OPENING REMARKS



Eileen V. Quigley
CETI Executive Director

Eileen is CETI's Founding Executive Director. She conceived the Northwest Deep Decarbonization Pathways and Net-Zero Northwest projects and led the efforts to support the Washington 2021 State Energy Strategy, the Oregon Clean Energy Pathways analysis, the Washington Green Electrolytic Hydrogen Report, and the Oregon Energy Strategy. Eileen has researched and written extensively about a wide range of decarbonization solutions since 2009. Prior to CETI, she spent seven years as Director of Strategic Innovation at Climate Solutions, where she oversaw programs that identified transition pathways off fossil fuels to a low-carbon future in the region and advanced clean energy solutions in carbon sequestration, clean buildings, and aviation, including supporting the Sustainable Aviation Fuels Northwest roadmap effort.

Senator Maria Cantwell
U.S. Senate

Senator Maria Cantwell has represented Washington State in the U.S. Senate since 2000. She is a leading voice on aviation safety and has served seven years as the top Democrat on the Senate Committee on Commerce, Science, and Transportation, which oversees the Federal Aviation Administration (FAA). Cantwell also serves on the Senate Finance, Energy and Natural Resources, Indian Affairs, and Small Business Committees. A longtime champion of cutting emissions in the aviation sector, she authored multiple sustainable aviation programs in the 2022 Inflation Reduction Act, including FAA programs to expand sustainable aviation fuel supply chains and advance low-emission aviation technologies. Cantwell led the FAA Reauthorization Act of 2024, securing historic increases in FAA research to promote U.S. leadership in sustainable and innovative aerospace technologies and investments in Washington's world-class aviation workforce.



PANEL 1:
CLIMATE SOLUTIONS FOR AVIATION

Moderator: Ruby Moore-Bloom
CETI, Research Analyst

Ruby Moore-Bloom is a Research Analyst at CETI. She serves as technical project manager and/or provides research support for CETI's programs, including deep decarbonization pathways studies, workforce analyses, and rural community decarbonization. Ruby also oversees the Northwest Clean Energy Atlas, which explores energy data relevant to deep decarbonization in the Northwest in interactive data visualizations, and provides research support for CETI's Decarbonization Forums.



PANEL 1:
CLIMATE SOLUTIONS FOR AVIATION

Ryan Faucett
The Boeing Company
Vice President of Environmental Sustainability

Ryan Faucett is the vice president of Global Sustainability Engagement & Partnerships at The Boeing Company. He leads a global team focused on supporting airline sustainability priorities and informing the global and regional policy landscape, as well as advancing the industry's sustainability objectives, including cultivating partnerships around sustainable aviation fuel (SAF) and carbon dioxide removal (CDR).



PANEL 1:
CLIMATE SOLUTIONS FOR AVIATION

Nik Pavlenko

**International Council on Clean Transportation
Director, Fuels and Aviation Programs**

Nik Pavlenko is the Director of the Fuels and Aviation programs at the International Council on Clean Transportation (ICCT). Mr. Pavlenko's work has primarily focused on the techno-economics and climate implications of alternative fuels, as well as the policy interventions necessary to support the commercialization and deployment of advanced, ultra-low-carbon fuels. He has a background in life-cycle assessment and carbon accounting, and has researched the indirect, market-mediated emissions associated with various aspects of fuel production. Mr. Pavlenko has been involved in the International Civil Aviation Organization's development of carbon accounting practices and eligibility rules for sustainable aviation fuels for the CORSIA emissions scheme for over five years and was an author on the National Academies of Sciences, Engineering and Medicine's Consensus Report on Current Methods for Life Cycle Analyses of Low-Carbon Transportation Fuels in the United States.



PANEL 1:
CLIMATE SOLUTIONS FOR AVIATION

Michael P. Wolcott
Washington State University
Regents Professor

Michael Wolcott, Regents Professor, has been a member of the WSU faculty since 1996 in Civil and Environmental Engineering, researching sustainable fuels and materials. He serves as the Director of ASCENT, the Aviation Sustainability Center. ASCENT is a 16-university Center of Excellence that conducts research to inform the Federal Aviation Administration's decision-making in national and international forums. He was formerly Project Co-Director for NARA (Northwest Advanced Renewables Alliance), a USDA Sustainable Biofuels project, which most notably flew the first cellulosic biofuel flight cross-country with Alaska Airlines. Wolcott has formerly sat on the DOE-USDA Bioenergy Technical Advisory Committee. He is currently a US delegate on WG5: Fuels Task Group which provides technical input to inform the US on UN International Civil Aviation Organization's (ICAO) policies to decarbonize aviation.



PANEL 1:
CLIMATE SOLUTIONS FOR AVIATION

Jason Humphrey

RMI

Associate, Climate Aligned Industries Program, Aviation

Jason Humphrey is an Associate with RMI's Climate Aligned Industries Program on the Aviation team. Jason's work focuses on accelerating aviation decarbonization through analysis on: SAF policy at the national and state level, global and regional markets for SAF, hydrogen markets, net-zero airport infrastructure, novel propulsion technologies, and the non-CO₂ impact of aviation. Jason has authored multiple RMI publications on sustainability in aviation and additionally engages directly with aviation clients across the value chain including airlines, state governments, fuel producers, and more.



PANEL 1:
CLIMATE SOLUTIONS FOR AVIATION

Stephanie Meyn

Port of Seattle

Climate Program Manager, Seattle-Tacoma International Airport

Stephanie Meyn is the Climate Program Manager for Seattle-Tacoma International Airport. In this role she is responsible for designing and implementing programs to help the Port meet its own net zero targets by 2040 and working with partners such as airlines and ground transportation partners to decarbonize their operations. Her work focuses on electrification, innovative operations, and alternative energy, including the airport's Sustainable Aviation Fuel Strategic Plan. In the last decade she has led many SAF-related studies on topics including regional feedstocks, innovative SAF financing mechanisms, and SAF fueling infrastructure serving airports.



PANEL 1:
CLIMATE SOLUTIONS FOR AVIATION

Lauren Hogrewe
WA Department of Commerce
Senior Energy Policy Specialist

Lauren Hogrewe is a Senior Energy Policy Specialist at the Washington State Department of Commerce, Energy Policy Office and part of the statewide Office of Renewable Fuels. Her portfolio includes supporting development and analysis of state-level policies for advancing renewable fuels, including sustainable aviation fuel and sustainable maritime fuels, to achieve state clean energy and climate goals. She has experience in the public and nonprofit sector with energy and environmental law, utility resource planning, climate action planning, and public health and environmental justice advocacy. She holds a B.S. from UC Berkeley in Molecular Environmental Biology and a Master's of Public Administration from University of Washington Evans School of Public Policy and Governance.



PANEL 2:
SUSTAINABLE AVIATION FUELS

Moderator: Ross Macfarlane
CETI, Board Member

Ross is an advocate for climate, clean energy and democracy based in Seattle, Washington with more than 40 years of experience working on public policy and environmental issues. He is a founding Board member and Secretary for the Clean Energy Transition Institute. He also serves on the boards of the Sierra Club Foundation and the Way to Win Action Fund. He recently was Vice President for Conservation and a Director for the National Sierra Club. Ross was a Senior Advisor at Climate Solutions, where he managed the Business Partnership Program. He also led Sustainable Aviation Fuels Northwest, the first stakeholder roadmap for cleaner fuels to power the next generation of flight, and helped developed sustainable aviation plans for Brazil and Singapore. A Northwest native, Ross is a graduate of Pomona College and the University of Washington School of Law.



PANEL 2:
SUSTAINABLE AVIATION FUELS

Andy Billig

SkyNRG

Senior Advisor

Andy Billig is a Senior Advisor at SkyNRG. In that role, he helps lead the company's US efforts on SAF policy, external relations, and airline offtake relationships. Prior to joining SkyNRG, Andy spent 14 years in the Washington State Legislature, including six years as the Senate Majority Leader. In the Legislature, Andy was a leader on SAF policy, and he served for 12 years as the Founding Chair of the Legislatively-created Washington State Alternative Jet Fuel Work Group. Andy also has a background in Sports Management as the CEO and part-owner of Minor League sports teams in his hometown of Spokane, Washington.



PANEL 2:
SUSTAINABLE AVIATION FUELS

S. Derek Phelps

Twelve

Head of Policy and Governmental Affairs

S. Derek Phelps is Head of Policy and Governmental Affairs at Twelve, where he is responsible for developing, guiding, and executing the company's short- and long-term policy and advocacy strategy. He is a highly experienced political and governmental affairs leader with deep expertise in energy, sustainability, and regulatory matters. Derek's career spans advocacy on renewable and sustainable resources, public utilities, and major infrastructure and project siting issues before Congress, as well as state and local governments. Derek holds a bachelor's degree in public administration from the University of Connecticut and a Master of Science degree in e-Media Communications from Quinnipiac University. He is a veteran of the U.S. Naval Submarine Service and the U.S. Naval Reserve. He lives in Killingworth, Connecticut with his wife, Julie, and their college-aged daughter, Haley, and serves on the town's ethics committee.



PANEL 2:
SUSTAINABLE AVIATION FUELS

Courtney Unruh

Qantas

Vice President of Sustainable Aviation Fuel – Americas

Courtney Unruh is Qantas' VP of Sustainable Aviation Fuel – Americas. She's a strong advocate for increased access and production of SAF to reduce aviation emissions. In her work she partners with corporations, policymakers and industry groups to craft policies, investments, and educate stakeholders on Qantas' journey to decarbonize. Courtney is a sustainability expert and joined Qantas in August after almost eight years at Alaska Airlines where she most recently served as SAF & Sustainability Engagement Director. Based remotely for the company in Seattle, Courtney graduated from the University of Montana and is an avid hiker and skier.



PANEL 2:
SUSTAINABLE AVIATION FUELS

Lauren Kickham

Microsoft

Director of Markets and Investments on Energy, Connectivity, and Sustainability Team

Lauren Kickham is a Director of Markets and Investments on Microsoft's Energy, Connectivity, and Sustainability team, where she leads efforts to build and scale the markets needed to meet Microsoft's sustainability commitments. Her work includes procuring environmental attributes for sustainable fuels and low-carbon materials and supporting market development for decarbonization at scale. Lauren is also an investor with Microsoft's \$1 billion Climate Innovation Fund, deploying equity and debt capital to accelerate emerging climate technologies. Prior to Microsoft, she spent 16 years investing patient capital across environmental initiatives, clean infrastructure, and sustainable agriculture. She holds an MBA from the University of Oxford and a Bachelor of Engineering from Duke University.



PANEL 2:
SUSTAINABLE AVIATION FUELS

Tim Zenk
Earth Finance
Managing Director

For two decades, Zenk has worked at the nexus of policy, finance, and technology to support the industrial transformation that is required to remain globally competitive in a zero-carbon future. Presently, he is Managing Director of Earth Finance where his focus is on aviation, marine, and heavy-duty trucking solutions for decarbonization including renewable molecules and electrons. Previously, Tim was the President at Molecule LLC, a boutique renewable energy strategy firm, where he specialized in developing new markets for renewable fuels through partnerships and ecosystem development. Earlier he lived in San Diego and worked at Sapphire Energy, where they invented renewable crude oil and produced the first renewable diesel, naphtha, and SAF using the feedstock microalgae.



CLEAN ENERGY TRANSITION INSTITUTE

Who We Are

The Clean Energy Transition Institute (CETI) is an independent, nonpartisan research and analysis nonprofit whose mission is to accelerate an equitable clean energy transition in the Northwest.

What We Do

We advance technical, economic, and equitable decarbonization solutions tailored to Idaho, Montana, Oregon, and Washington through:



Decarbonization Studies: Framing, translating, and demystifying complex decarbonization solutions and their impacts on emissions, community health, and workforce.



Research & Analysis: Providing independent, unbiased research and analytics on economically and technically feasible clean energy solutions.



Fact-Based Conversations: Using our unbiased analysis to encourage fact-based conversations that steer limited resources toward equitable policy solutions and strategies.



Convenings: Bringing together regional partners to debate the trade-offs and opportunities inherent in the clean energy transition.

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