

Challenges and Opportunities for Agriculture and Sustainable Aviation Fuel

A Public Webinar



TUESDAY, JUNE 25, 2024

FINAL AGENDA

PURPOSE

- Understand demand drivers for Sustainable Aviation Fuel (SAF)
- Understand the potential agricultural and other feedstocks and amounts that go to SAF.
- Identify technological and other approaches to reducing carbon intensity of agricultural feedstocks and of aviation fuel production.
- Explore, policies, incentives, and guardrails to optimize outcomes of agricultural participation in SAF markets.
- Identify opportunities to harmonize policies for SAF and a sustainable biobased economy.

4:00–4:05 pm Welcome and Introduction

Jill McCluskey, PhD, *BANR Chair*, Distinguished Professor of Sustainability and Director, School of Economic Sciences, Washington State University

Roger Wyse, PhD, Co-founder & Managing partner, Spruce Capital Partners, LLC, *Moderator*

4:05–4:20 pm A Primer on Sustainable Aviation Fuel (SAF)

Michael Wolcott, PhD

Regents Professor, Vice President for Research, Washington State University and Director, Aviation Sustainability Center (ASCENT)

4:20–4:35 pm Agriculture and Sustainable Aviation Fuel

William Goldner, PhD, National Program Leader, Biofuel and Bioeconomy Systems Institute of Bioenergy, Climate, and Environment
National Institute of Food and Agriculture, U.S. Department of Agriculture

4:35–5:05 pm PANEL SESSION: Toward the Requirement for Reduced Carbon Intensity (7 min. each)

Michael Wang, PhD, Director of the Systems Assessment Center, Argonne National Laboratory

Uising Lee, PhD, Principal Energy Systems Analyst, Argonne National Laboratory

The GREET model for agriculture feedstocks.

Jennifer Holmgren, PhD, CEO, LanzaTech

Recycling waste CO₂ from the fuel making process.

PANEL SESSION (Continued): Toward the Requirement for Reduced Carbon Intensity

Karsten Temme, PhD, CEO, Pivot Bio

Replacing synthetic N with microbial fixed N

Mr. Paul Overby, CEO, Lee Farms

Regenerative agriculture and feedstocks for SAF

5:05–5:25 pm Anticipating Unintended Consequences of Agricultural Participation in SAF

Mr. Hugh Bromley, Senior Analyst, BloombergNEF

Madhu Khanna, PhD, Distinguished Professor of Environmental Economics,
University of Illinois, Urbana-Champaign

5:25–5:55 pm What Does Good Policy Look Like?

William Hohenstein, PhD, Director, Office of Energy and Environmental Policy
Office of the Chief Economist, U.S. Department of Agriculture

Nafisa Lohawala, PhD, Fellow, Resources for the Future

5:55-6:10 pm Discussion: What Does Good Policy Look Like?

Additional comments from webinar presenters.

6:10-6:15 pm Wrap up and Adjourn.