



CAAFI® Sustainable Aviation Fuels (SAF) Summit & Biennial General Meeting Agenda

Wednesday – Friday, June 1-3, 2022, Hotel Meeting Level

Yours Truly Hotel, 1143 New Hampshire Ave NW

Washington, DC 20037

Final Agenda (30May'22), subject to minor revisions for issues outside CAAFI's control.

Day 1 - Wednesday, June 1st

Sustainable Aviation Fuels (SAF) Summit

- Advancing aviation sustainability through rapid expansion of SAF in the U.S.,
via the SAF Grand Challenge

7:00 – 8:00 Breakfast & Check-in/Badging: Hotel Meeting Level, Pre-Function and Rooms 7 & 8.
All plenary activity in Rooms 9 & 10

8:00 **Introductory Comments**
(10 min) Welcome, logistics, and overall stage-setting
Presenter: Steve Csonka, CAAFI Executive Director

8:10 **Welcome and Introduction**
(5 min) Presenter: Laurence Wildgoose, FAA Assistant Administrator

8:15 **SAF Summit Welcome & Opening Special Remarks**
(15 min) Presenter: Billy Nolen, Acting FAA Administrator

8:30 **Panel Discussion: Government Commitments to Sustainable Aviation and SAF**
(45 min) Moderated panel to provide overview of USG approach including the 2021 U.S. Aviation Climate Action Plan, SAF Grand Challenge Goals and Approach, and economic, environmental justice and rural development impacts.
Moderator: Steve Csonka, CAAFI, Executive Director
Panelists: Kevin Welsh, FAA AEE, Executive Director
Michael Berube, DOE, DAS for Sustainable Transportation
Doug McKalip, USDA, Senior Advisor, Office of the Secretary
Karl Simon, EPA, Director, Transportation and Climate Division

9:15 **Panel Discussion: Framing the SAF Challenge**
(60 min) Discussion of cost, sustainability, and supply expansion challenges
Moderator: Annie Peterson, USDOT, Assistant Secretary for Aviation and International Affairs
Panelists: Lauren Riley, United Airlines, Chief Sustainability Officer
Kim Carnahan, ENGIE Impact, Sr. Dir. Net-Zero Fuels
Jennifer Aurandt, Marquis, Dir. of Innovation & Market Development
Mike McAdams, Advanced Biofuels Association (ABFA), President
John Holler, World Wildlife Fund, Senior Program Officer, Climate Cooperation & Sustainable Fuels

10:15 **Break**
(15 min)



- 10:30
(60 min) **Panel Discussion: U.S. Policy**
Discussion of the full range of policy mechanisms that might be considered to support robust SAF development
Moderator: Kevin Welsh, FAA, Executive Director, AEE
Panelists: Austin Brown, White House Office of Domestic Climate Policy, Sr. Dir.
Pete Bunce, GAMA, President
Sharon Pinkerton, A4A, SVP Legislative & Regulatory Policy
Nancy Young, Alder, Chief Sustainability Officer
Alex Laska, Third Way, Sr. Policy Advisor
- 11:35
(45 min) **Discussion Session - Government and Aviation Working Together Through the SAF Grand Challenge**
Introduction: Sharon Pinkerton, A4A, SVP Legislative & Regulatory Policy
Speakers: Michael Berube, DOE, DAS for Sustainable Transportation
Bob Jordan, Southwest Airlines, CEO
- 12:20
(65 min) **LUNCH – Sponsored by A4A**
Hotel Meeting Level: Self-serve buffet in Pre-Function Space
Seating in Rooms 7 & 8, Overflow into 14 & 15
- 1:25
(45 min) **Panel Discussion: Industry Progress on 3 billion Gallon by 2030 Pledge**
Discussion on airline perspectives on SAF Grand Challenge and industry commitments
Moderator: Michael Berube, DOE, DAS for Sustainable Transportation
Panelists: Diana Birkett Rakow, Alaska Airlines, SVP Public Affairs & Sustainability
Jill Blickstein, American Airlines, M. Dir. & Head of ESG
Amelia DeLuca, Delta Air Lines, VP Sustainability
Roger Libby, DHL, Head of Corporate Public Affairs, Americas
Michael AuBuchon, Southwest Airlines, Sr. Dir. Fuel Supply Chain Management
Philippe Karam, Amazon Air, Dir. Of Global Fleet and Aviation Sourcing
- 2:15
(55 min) **Panel Presentation: SAF Grand Challenge Roadmap Overview**
Introduction and review of the road-mapping purpose, process, the action areas and workstreams action and highlight critical activities to meet 2030 goals.
Moderator: Steve Csonka, CAAFI Executive Director
Speakers: SAF Interagency Work Group representatives:
Nate Brown, DOT/FAA-AEE, Alternative Jet Fuels Project Manager
Zia Haq, DOE-BETO, Senior Analyst
William Goldner, USDA-OCS, Sr. Advisor, Renewable Energy, Natural Resources, and Environment
- 3:10
(15 min) **Break**



- 3:25
(45 min) **Panel Discussion: Government, Academic, & Industry Perspectives on the SAF Grand Challenge Critical Workstreams**
A panel of perspectives on the critical activities for near term execution, and discussion of commitments by governmental and non-governmental partners to support roadmap implementation.
Moderator: Nate Brown, DOT / FAA-AEE, Alternative Jet Fuels Project Manager
Panelists: Michael Wolcott, ASCENT/WSU, ASCENT Director
 Jim Hileman, DOT/FAA-AEE, Chief Scientific and Technical Advisor for Environment
 Valerie Sarisky-Reed, DOE-BETO, Director
 Tim Pohle, A4A, VP Environmental Affairs
 Steve Csonka, CAAFI, Executive Director
- 4:10
(35 minutes) **Audience Feedback Session: SAF Grand Challenge**
Gather audience feedback using online surveying tool, summarize next steps on the SAF Grand Challenge.
Moderators: SAF Grand Challenge Interagency Team and CAAFI
- 4:45
(10 minutes) **SAF Summit Closing Remarks**
Presenter: Steve Csonka, CAAFI Executive Director
- 5:30
(2 hours) **Networking Reception**
Hors d'oeuvres & libations

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Day 2 - Thursday, June 2nd

CAAFI Biennial General Meeting

- Advancing aviation sustainability through rapid expansion of SAF in the U.S.

7:00 – 8:00 Breakfast & Check-in/Badging: Hotel Meeting Level, Pre-Function and Rooms 7 & 8
All plenary activity in Rooms 9 & 10

8:00 **Introductory Comments and Welcome**
(15 min) Presenter: Steve Csonka, CAAFI Executive Director

Resources available to achieve 2030 Goal

8:15 **Panel Discussion: Funding Resources Available to Achieve Roadmap Targets**
(60 min) U.S. Government programs and funding mechanisms supporting SAF Grand Challenge Roadmap in order to reach 2030 SAF goal and what else is needed
Moderator: Steve Csonka, CAAFI, Executive Director
Speakers: Valerie Sarisky-Reed, DOE, Dir. of Bioenergy
Chris Cassidy, USDA Rural Development, Renewable Energy Advisor
Jim Hileman, DOT/FAA-AEE, Chief Scientific and Technical Advisor for Environment
William Goldner, USDA, Sr. Advisor Renewable Energy, Natural Resources, and Environment
Ramsey Fahs, DOE, Policy Advisor, Loan Programs Office

9:20 **Panel Discussion: Feedstocks and Supply Chains for 2030 Targets**
(60 min) Introduction to key-near-term (leading up to 2030) feedstock opportunities and supply potential, including a review of bio-based feedstock availability estimates and a discussion on enhancing SAF production in the U.S. using lipids, sugars and alcohols, lignocellulosics, including wood wastes and residues, MSW, wet wastes, etc.
Moderator: William Goldner, USDA, Sr. Advisor Renewable Energy, Natural Resources, and Environment
Panelists: Michael Wolcott, ASCENT/WSU, ASCENT Director
Geoff Cooper, RFA, Pres. & CEO, [sugar/starch focus]
Paul Argyropoulos, ABFA, [lipid and biomass focus]
Tim Theiss, DOE/ORNL, Bioenergy Technologies Program Manager [Billion Ton focus]

10:20 **Special Address #1 Jerry Steiner, CoverCress, Chairman**
(10 min) **Winter Cover Oilseed Progress**

10:30 **BREAK**
(15 min)



Near-term commercialization to support 3 billion gallons of SAF in 2030

- 10:45
(75 min) **Parade of U.S. SAF Commercialization Efforts**
Presentations from companies with near-term SAF commercialization activities that have the potential to contribute to the 2030 SAF target, discussing potential for progress as well as key challenges specific to their approach.
Moderator: Steve Csonka, CAAFI, Executive Director
Speakers: Gene Gebolys, World Energy, President & CEO
Pratik Chandhoke, Neste, Technical Services Manager of Renewable Aviation
Tim Cesarek, Gevo, Chief Commercial Officer
Benny Wong, Fulcrum, M. Dir. Fuels and Regulatory Affairs
Corey Gallagher, Red Rock, Managing Director
Alex Menotti, LanzaJet, Head of Corporate and Government Affairs
Jeff McDaniel, Velocys, VP New Projects
- 12:00
(75 min) **LUNCH – Sponsored by Alder Fuels**
Hotel Meeting Level: Self-serve buffet in Pre-Function Space
Seating in Rooms 7 & 8, Overflow into 14 & 15
- 1:15
(105 min) **Parade of U.S. SAF Commercialization Efforts (cont.)**
Presentations from companies with near-term SAF commercialization activities that have the potential to contribute to the 2030 SAF target, discussing potential for progress as well as key challenges.
Moderator: Chris Tindal, CAAFI, Asst. Director
Speakers: Chuck Red, ARA, VP Fuels Development
Nick Andrews, USA Bioenergy, CEO
Amy Malaki, SkyNRG, Dir. Partnerships & Policy
Bruno Miller, Alder Fuels, Chief Commercial Officer
Stu Porter, Biofuels Consulting, President (for Forge Hydrocarbons)
Brice Dally, Virent, Production Manager
Alex Jordan, SAF+ Consortium, VP of Technology
Brian Ripsin, Shell Aviation, Sustainability Manager Americas
Dave Stallwitz, Phillips 66, M. Dir. Emerging Energy
- 3:00
(30 min) **Networking BREAK**



The Critical Value Proposition: Key Issues to Enable End Use

- 3:30
(20 min) **Presentation: ASTM Certification / Qualification Update**
A summary of the status of SAF pathways, pathways in development, including co-processing, and other activities at ASTM, including CH efforts
Presenter: Mark Rumizen, FAA, Sr. Technical Specialist
- 3:50
(20 min) **Presentation: 100% Synthetic Aviation Turbine Fuel Update**
An update on the challenges, opportunities and progress on ASTM Certification and Qualification of higher blend level SATF, up to 100%
Presenters: Gurhan Andac, GE Aviation, Engr'g Technical Leader, Aviation Fuels
 Stephen Kramer, Pratt & Whitney, Manager, Combustor Technology
- 4:10
(60 min) **Panel Discussion: Delivering on Sustainability and Transparency via Innovative Mechanisms**
Discussion of the challenges the industry faces in ensuring fuel sustainability and that the crediting of the sustainability of those fuels is transparent and credible
Moderator: Aaron Robinson, United Airlines, Sr. Mgr. Environmental Strategy and Sustainability
Panelists: Tim Obitts, National Air Transportation Association (NATA) Pres. & CEO (representing CoSAFA)
 Elena Schmidt, Roundtable on Sustainable Biomaterials (RSB) Executive Director
 Adam Klauber, World Energy, VP Sustainability and ESG
 Andre de Fontaine, ENGIE Impact, Sr. Mgr., supporting the Sustainable Aviation Buyers Alliance
- 5:10
(15 min) **Closing Remarks**
Presenter: Chris Tindal, CAAFI, Assistant Director
- 5:45
(2 hours) **Networking Reception**
Hors d'oeuvres & libations
Awards

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Day 3 (Friday, June 3rd)

CAAIFI Biennial General Meeting

- Advancing aviation sustainability through rapid expansion of SAF in the U.S.

7:00 – 8:00 Breakfast & Check-in/Badging: Hotel Meeting Level, Pre-Function and Rooms 7 & 8

8:00 **Opening Remarks**
(15 minutes) Presenter: Chris Tindal, CAAFI

Supply Chain Groundwork for Commercial Production of Feedstocks

8:15 **Panel Discussion: Regional Project Activities**
(1 hour) Sharing best practices and lessons learned from various regional projects, and highlighting tools and resources to help other regional efforts, including where there are opportunities to expand and improve
Moderator: Kristin Lewis, Volpe Center/ U.S. DOT, CAAFI Head Research & Technical Advisor
Panelists: Lina Martinez, ASCENT/WSU, Staff Engineer
Edward Yu, ASCENT/University of Tennessee, Professor
Toby Ahrens, USDA NIFA, National Program Leader, Ag. Bioproducts
Todd Campbell, Clean Economy Works, Owner
Joelle Simonpietri, Simonpietri Enterprises LLC, Owner

Other enabling topics

9:15 **Panel Discussion: Airport Activities**
(45 minutes) Highlighting airports' interest and ability to enable 3 billion gallons of SAF by 2030, as well as airport challenges and opportunities to reduce barriers to SAF use
Moderator: Melinda Pagliarello, ACI-NA, M. Dir. Environmental Affairs
Panelists: Seth Cutter, CVG, Airport, Dir. Communications and Gov. Affairs
Erin Cooke, SFO Airport, Sustainability Director
Dana Mecomber, PANYNJ, Program Manager, Special Projects

10:00 **BREAK**
(15 minutes)



- 10:15 **Panel Discussion: State and Regional Policy Developments**
(30 minutes) Discussion of several non-Federal state and regional efforts to develop policy intended to incentivize SAF production/use.
Moderator: Ira Dassa, A4A, Dir. Environmental Affairs
Panelists: Graham Noyes, Low Carbon Fuels Coalition, Exec. Dir.
Brendan Jordan, Great Plains Institute, VP Transportation and Fuels
Bobby Fraser, Atlas Air, Director, Government Affairs and Public Policy

The End User's Perspectives

- 10:45 **Panel Discussion: Airline Perspectives as End Users**
(1 hour) Discussion of interest in SAF, how airlines can influence SAF deployment, challenges, and potential solutions to reaching 3 billion gallons of SAF in the U.S. by 2030
Moderator: John Heimlich, A4A, VP & Chief Economist
Panelists: Daniel Chereau, IATA, Assistant Dir., Fuel
Kate Geldaker, Alaska Airlines, Dir. of Government Affairs
Doug Obal, American Airlines, Sr. Manager Corporate Insurance
Alanna James, Hawaiian Airlines, MDir. Sustainability Initiatives
Michael AuBuchon, Southwest Airlines, Sr. Dir. Fuel Supply Chain Management
Helen Giles, Southwest Airlines, Dir. Environmental Sustainability

- 11:45 **Keynote #3, Chris Raymond, Boeing, Chief Sustainability Officer**
(15 min)

- 12:00 **LUNCH – sponsored by Boeing**
(1 hour) Hotel Meeting Level: Self-serve buffet in Pre-Function Space
Seating in Rooms 7 & 8, Overflow into 14 & 15

- 1:00 **Panel Discussion: Business Aviation Perspectives as End Users**
(55 min) Discussion of interest in SAF, how business aviation can influence SAF deployment, challenges, and potential solutions for reaching the 2030 target.
Moderator: Tim Obitts, National Air Transportation Association (NATA) Pres. & CEO
Panelists: Ed Bolen, National Business Aviation Association (NBAA), Pres. & CEO
Juan Castro, Coca Cola, GM Executive Aviation & Travel
Lana Van Marter, Neste, Commercial Development Manager
C.R. Sincock, Avfuel Corporation, EVP; and Avflight Corporation, CEO
Marty Kretchman, Signature Flight Support, SVP Operations Planning
Charles Etter, Gulfstream Aerospace Corporation, Environmental Strategy and Regulatory Affairs



International Efforts

2:00
(55 min) **Panel Discussion: International SAF Commercialization Activities**
An overview of the international SAF commercialization activities
Moderator: Dan Williams, FAA-AEE, Sr. International Advisor
Panelists: Bruno Silva, ICAO, Environment Officer
 Siegfried Knecht, aireg, Chairman of the Board
 Geoff Tauvette, Canadian C-SAF, Executive Director
 Chris Tindal, CAAFI, Asst. Dir., and SE Asia consultant
 Leigh Hudson, IAG, Sustainable Fuels and Carbon Manager
 David Chiaramonti, POLITO, Vice Rector for International Affairs

2:55 **BREAK**
(15 min)

The Future of SAF

3:10
(55 min) **Panel Discussion: Feedstocks, Conversion, and Innovation; Now Through Beyond 2030**
Discussion of a broad range of feedstock and conversion innovations, including co-processing, direct air capture, carbon capture and sequestration, Power-to-Liquid, coordinated hydrogen efforts and pipeline technologies.
Moderator: Zia Haq, DOE, Senior Analyst
Panelists: Manuel Garcia-Perez, ASCENT/WSU, Professor
 Zia Abdullah, NREL, Laboratory Program Manager
 Corinne Drennan, PNNL, Manager, Bioenergy Technologies Programs
 Ian Rowe, DOE BETO, Technology Manager, Conversion R&D
 Andreea Moyes, bp, Aviation Global Sustainability Director

4:05
(30 minutes) **Presentation: Evaluation of Non-CO2 SAF Benefits**
Presentation on the local air quality, ecological services, and other benefits of SAF
Speaker: Jim Hileman, FAA, DOT/FAA-AEE, Chief Scientific and Technical Advisor
 for Environment

4:35
(15 minutes) **SAF Summit and CBGM Closing Remarks**
Speaker: Steve Csonka, CAAFI, Executive Director

4:50 **Conclude**