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SAF Summit & CAAIFI Biennial General Meeting Day-3

June 3, 2022

Washington DC



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CAAFI Biennial General Meeting

Introductory Comments & Welcome



Chris Tindal
CAAFI
Assistant Director



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Introductory Comments

- **Welcome**
 - CAAFI Team Introduction
 - Logistics
 - Anti Trust Statement
 - Mentimeter
 - Event Sponsors
 - Agenda Overview
- **Helpful information in the Know Before You Go emails**



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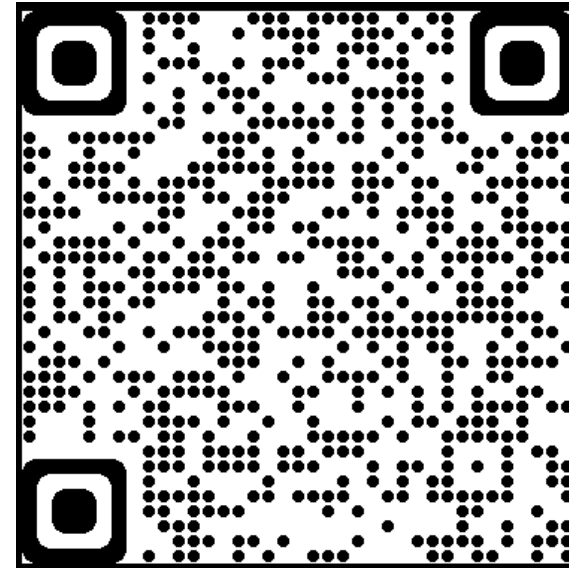
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- **Agenda – accessible online**



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- **Info at bottom of this slide for accessing wifi and social media for posting of comments, photos, and video**
- **We will be using Mentimeter to capture audience feedback to questions.**



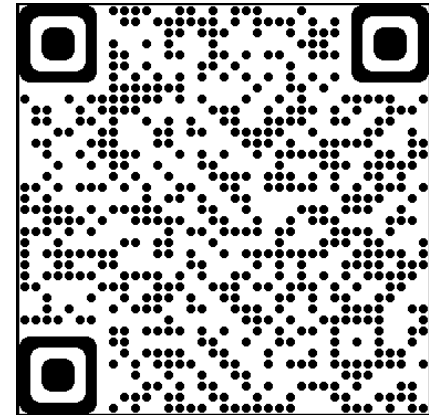
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- **We are performing a Livestreaming of all three days of the combined SAF Summit & CBGM**
 - **To access the Livestream:**
<https://airportscouncil.org/caafi/>



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- **CAAFI's Founding & Organizational Sponsors**



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- **All plenary activities in this room**
- **Breaks in the Pre-Function space to your left.**
- **Lunch in the two rooms behind us**
- **Restrooms straight across from the back door on your left**
- **Emergencies:**



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- **Violation of the antitrust laws can result in civil or criminal penalties, or both. These penalties can be severe and can be imposed on companies or individuals, or both.**



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- Taking into account these antitrust law considerations, participants should not discuss, reach agreements or exchange information about such subjects as:
 - **Price- or service-related terms**
 - **Division or allocation of markets**
 - **Boycotts or blacklists**
 - **Agreeing on which suppliers to use**

Anti-Trust Statement

The Commercial Aviation Alternative Fuels Initiative (CAAFI) is a volunteer coalition of airlines, aircraft and engine manufacturers, airports, energy producers, researchers, international participants and U.S. government agencies that focuses the efforts of the commercial aviation sector to engage the emerging alternative fuels industry. CAAFI's goal is to promote the development of alternative jet fuel options that offer equivalent safety and favorable costs compared with petroleum-based jet fuel, while offering environmental improvement and energy supply security for aviation. CAAFI is technology-, feedstock- and company-neutral in its work.

Although not itself a company, CAAFI conducts its work and meetings in compliance with antitrust laws, which flow from the basic principle that groups of companies cannot act together to use their economic power to limit or otherwise harm competition. This means that what can be done individually by a firm or entity could be unlawful if done collectively by a group of firms or entities. Something that may seem to make "good business sense" when done by an individual company can injure competition when done collectively or in coordination by a group of companies and, therefore, may be prohibited under the antitrust laws. This is especially so when the collective or coordinated action involves competitors. Violation of the antitrust laws does not require a formal or written agreement among companies.

Violation of the antitrust laws can result in civil or criminal penalties, or both. These penalties can be severe and can be imposed on companies or individuals, or both. Taking into account these antitrust law considerations, CAAFI does not discuss, reach agreements or exchange information about such subjects as:

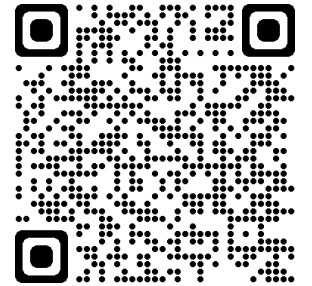
- Price- or service-related terms. For example, CAAFI does not discuss or exchange information about pricing information not otherwise in the public domain and does not take, promote, support or discuss a position on pricing of fuels, feedstocks or fuel services or terms for fuels, feedstocks or fuel services.
- Division or allocation of markets or customers. For example, CAAFI does not discuss or exchange information with respect to limiting the geographic availability of fuels, feedstocks or services or products, dividing up the territory in which fuels, feedstocks, services or products will be provided, or dividing up customers.
- Boycotts or blacklists. For example, CAAFI does not discuss or exchange information with respect to limiting or refusing to do business with a business or customer, group of businesses or customers or category of businesses or customers, or a supplier, group of suppliers or category of suppliers
- Agreeing on which suppliers to use. For example, CAAFI does not discuss or exchange information regarding which suppliers to use or otherwise specify which suppliers to use.

If a SAF Summit / CBGM participant becomes uncomfortable about discussing or acting on an issue because they believe that it is competitively sensitive, the participant should immediately say so and seek the advice of legal counsel before further discussing or acting on it. If so alerted, the lead of the discussion, matter or event should, taking these Guidelines into account, consider steering the discussion away from the area of concern or seeking legal counsel before proceeding on the issue.

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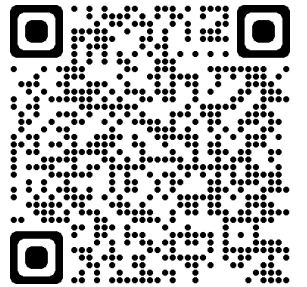
- At various times during the conference, we are interested in capturing audience views
- Log-in to [menti.com](https://www.menti.com) ...
- Enter this code: **5432 4490**
- Enter Submit
- Be prepared to respond to questions as they are highlighted by the moderating team
- Let's try an ice-breaker now



Menti Day-3 Q1:

Are we focusing enough on the feedstocks on the slide?

- Log-in to menti.com ...
- Enter this code: **5432 4490**
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- Respond to question you see



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Wednesday

SAF

- Int
- Go
- Fra
- US
- Go
- Pro
- SA
- Per
- SG

Thursday

CBGM

- Res
- Fee
- Nea
- Gov
- Crit
- Sus
- Inn

Friday

CBGM Day 2:

- Supply Chain Groundwork
- Other Enablers
 - Airport Efforts
 - State & Local Policy
- End User Perspectives
 - Airlines
 - Business Aviation
- International Efforts
- Future of SAF
 - Now Through Beyond 2030
 - Evaluation of SAF Benefits



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Friday

CBGM Day 2:

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CAAFI Biennial General Meeting Day 2

Panel Discussion: Regional Project Activities

Moderator



Kristin Lewis
Volpe Center,
CAAFI Head
Research &
Tech. Advisor

Panelists



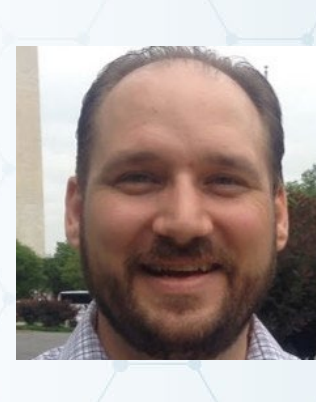
Lina Martinez
WA State Univ. /
ASCENT, Staff
Engineer



Edward Yu
Univ. of TN /
ASCENT,
Professor



Toby Ahrens
USDA NIFA,
National
Program
Leader, Ag.
Bioproducts



Todd Campbell
Clean Economy
Works, Owner



**Joelle
Simonpietri**
Simonpietri
Enterprises
LLC, Owner



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Prescreening Guidance

Path to Alternative Jet Fuel Readiness

Fuel Readiness Level

Feedstock Readiness Level

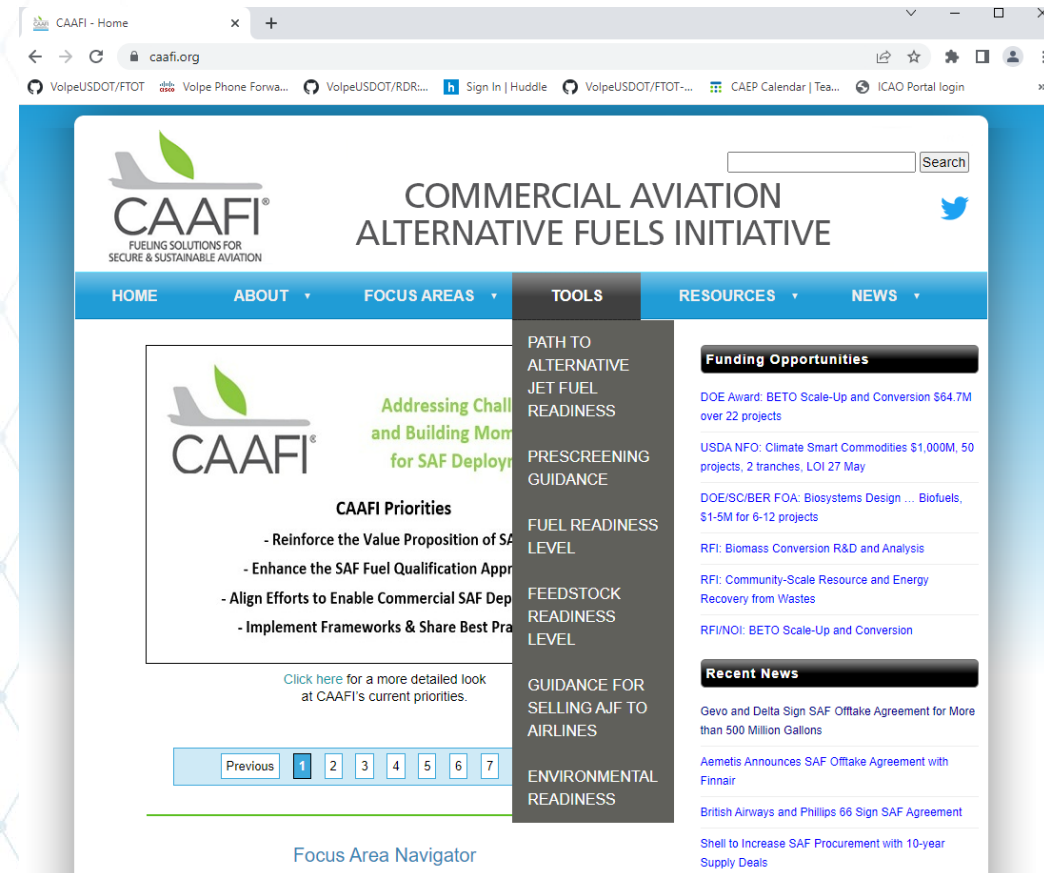
Environmental Readiness

Guidance to Selling to Airlines

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CAAFI Biennial General Meeting Day 1

Panel Discussion: Airport Activities

Moderator



**Melinda
Pagliarello**
ACI-NA, M. Dir.
Enviro. Affairs

Panelists



Seth Cutter
CVG Airport,
Dir.
Communications
and Govt. Affairs



Erin Cooke
SFO Airport,
Sustainability
Director



**Dana
Mecomber**
PANYNJ,
Prog. Manager,
Special Projects



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CAAFI Biennial General Meeting

15 Minute Break

Return at 10:15



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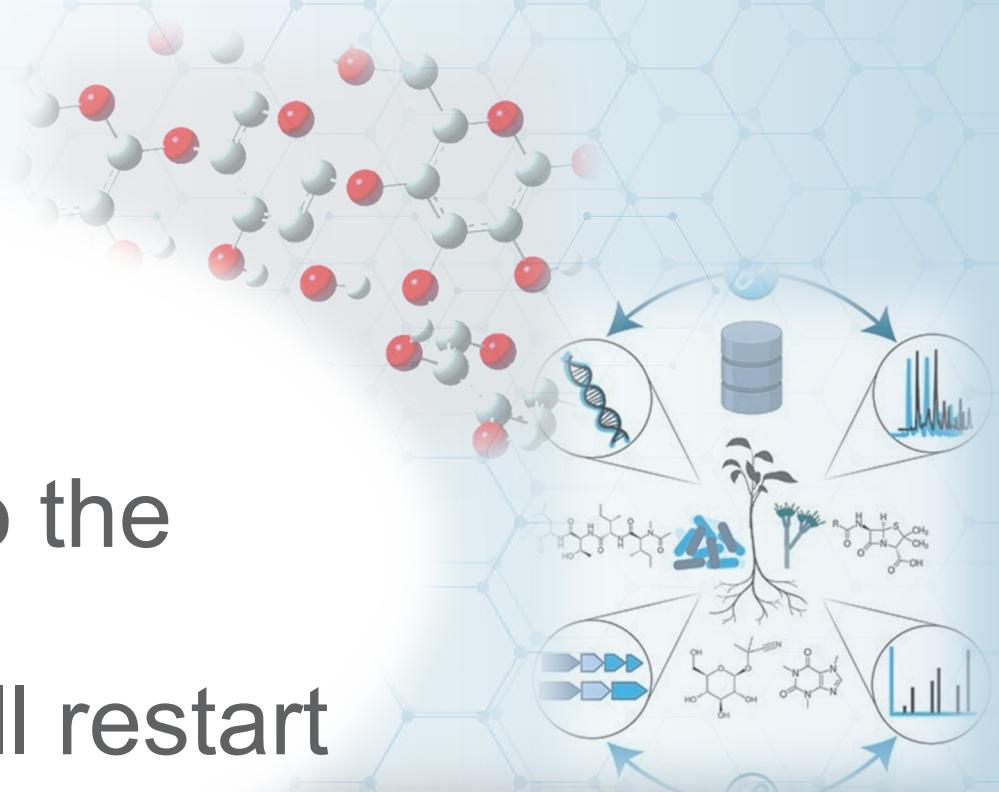
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2022 CBGM

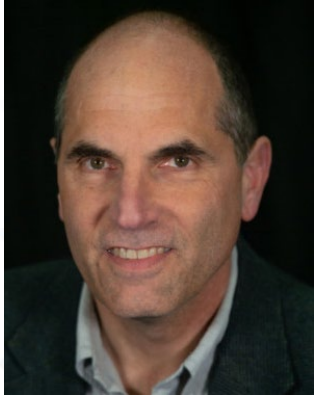
We're on break, We'll restart
at 10:15



CAAFI Biennial General Meeting Day 1

Panel Discussion: State and Regional Policy Developments

Moderator



Ira Dassa
A4A,
Director Enviro.
Affairs

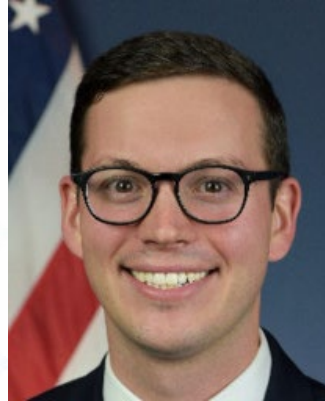
Panelists



Graham Noyes
Low Carbon
Fuels Coalition,
Executive
Director



**Brendan
Jordan**
Great Plains
Institute, VP
Transportation
Fuels



Bobby Fraser
Atlas Air,
Director, Govt.
Affairs and
Public Policy



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CAAFI Biennial General Meeting Day 2

Panel Discussion: Airline Perspectives as End Users

Moderators



John Heimlich Airlines for America (A4A), VP & Chief Economist

Tim Pohle Airlines for America (A4A), VP Environmental Affairs

Panelists



Daniel Chereau
IATA, Assistant
Director, Fuel



Kate Geldaker
Alaska Airlines
Dir. Of Gov't.
Affairs



Doug Obal
American
Airlines, Sr.
Mgr. Corporate
Insurance



Alanna James
Hawaiian
Airlines, MDir.
Sustainability
Initiatives



**Michael
AuBuchon**
Southwest
Airlines, Sr. Dir.
Fuel Supply
Chain Mgmt.



Helen Giles
Southwest
Airlines, Dir.
Environmental
Sustainability



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SAF Summit

A video highlight from our sponsor



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Keynote Address



Chris Raymond
Boeing
Chief Sustainability Officer



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SAF Summit

Lunch: Sponsored by Boeing



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Lunch

Return at 1:00



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CAAFI Biennial General Meeting Day 2

Panel Discussion: Business Aviation Perspectives as End Users

Moderator



Tim Obitts
National Air
Transportation
Assoc. (NATA),
Pres. & CEO

Panelists



Doug Carr
National Business
Aviation Assoc.
(NBAA),
Senior VP



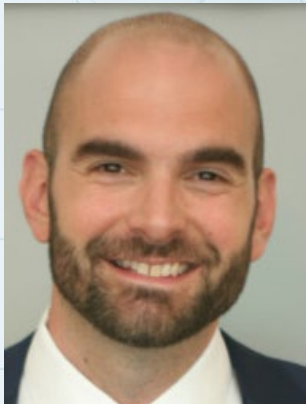
Juan Castro
Coca Cola,
GM
Executive
Aviation &
Travel



**Lana Van
Marter**
Neste,
Commercial
Development
Manager



C.R. Sincok
Avfuel
Corporation,
EVP



**Marty
Kretchman**
Signature Flight
Support, SVP
Operations
Planning



Charles Etter
Gulfstream
Aerospace
Corporation,
Enviro. Strategy
& Regulatory
Affairs



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CAAFI Biennial General Meeting Day 2

Panel Discussion: International SAF Commercialization Activities

Moderator



Nathan Brown
DOT/FAA-AEE,
Alternative Jet
Fuels Project
Manager

Panelists



Bruno Silva
ICAO
Environmental
Officer



**Siegfried
Knecht**
aireg,
Chairman of
the Board



Geoff Tauvette
Canadian C-
SAF, Executive
Director



Chris Tindal
CAAFI,
Assistant
Director
(Advisor to
Queensland)



Leigh Hudson
IAG
Sust. Fuels and
Carbon
Manager



**David
Chiaramonti**
POLITO,
Vice Rector for
International
Affairs



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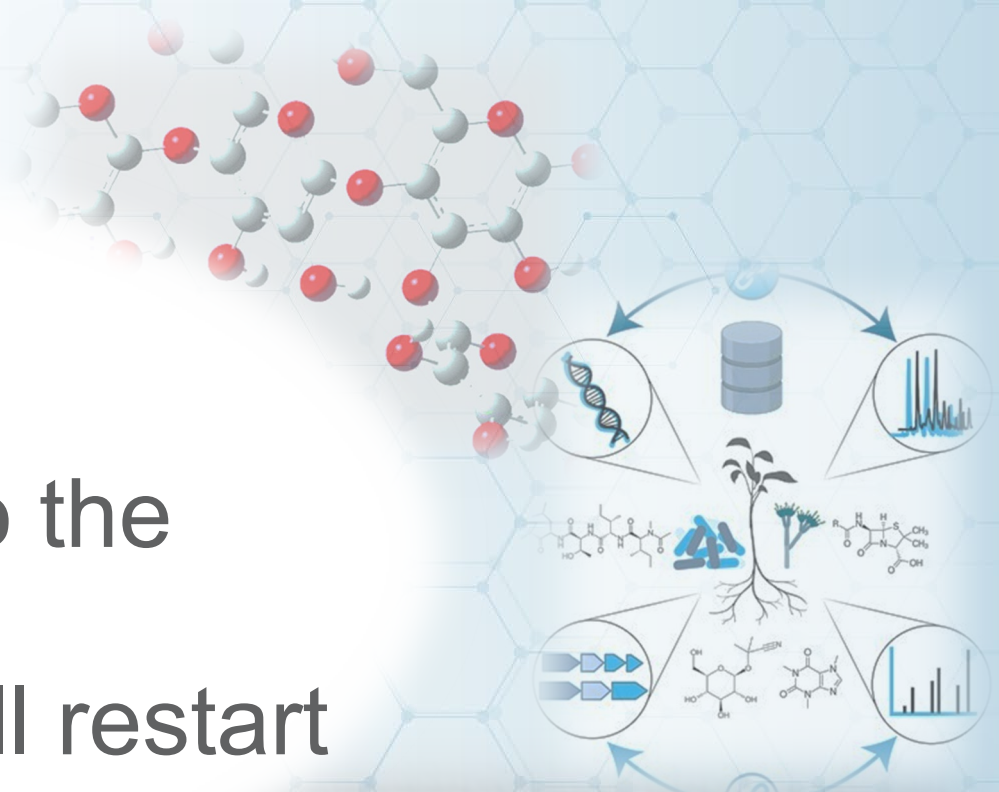
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We're on break, We'll restart
at 3:10



CAAFI Biennial General Meeting

15 Minute Break

Return at 3:10



CAAFI Biennial General Meeting Day 2

Panel Discussion: Feedstocks, Conversion, and Innovation; Now Through Beyond 2030

Moderator



Zia Haq
DOE BETO
Senior Analyst

Panelists



Manuel Garcia-Perez
WA State Univ. /
ASCENT,
Professor



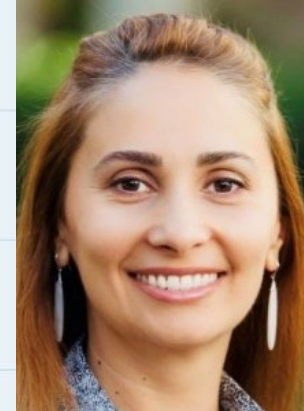
Zia Abdullah
NREL/DOE,
Laboratory
Program
Manager



Corinne Drennan
PNNL/DOE,
Manager,
Bioenergy
Technologies
Programs



Ian Rowe
DOE BETO
Technology
Manager,
Conversion
R&D



Andreea Moyes
bp, Aviation
Global
Sustainability
Director



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Presentation: Evaluation of No-CO₂ SAF Benefits



Jim Hileman
DOT/FAA-AEE,
Chief Scientist
and Technical
Advisor for
Environment



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Closing Remarks



Steve Csonka
CAAFI Executive Director



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