CAAFI Biennial General Meeting

Introductory Comments & Welcome

Chris Tindal
CAAFI
Assistant Director

#CAAFI2022
@caafiaviation

Wifi: YTDC_Conference
Password: CBGM22

Mentimeter Polling
www.menti.com  5432 4490
Introductory Comments

• Welcome
• CAAFI Team Introduction
• Logistics
• Anti Trust Statement
• Mentimeter
• Event Sponsors
• Agenda Overview

• Helpful information in the Know Before You Go emails
Introductory Comments

• Welcome
  • CAAFI Team Introduction
  • Logistics
  • Anti Trust Statement
  • Mentimeter
  • Event Sponsors
  • Agenda Overview

• Agenda – accessible online

#CAAFI2022
@caafiaviation
Wifi: YTDC_Conference
Password: CBGM22
Mentimeter Polling
www.menti.com  5432 4490
Introductory Comments

- Welcome
- CAAFI Team Introduction
- Logistics
- Anti Trust Statement
- Mentimeter
- Event Sponsors
- Agenda Overview

- 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.
Introductory Comments

• Welcome
• CAAFI Team Introduction
• Logistics
• Anti Trust Statement
• Mentimeter
• Event Sponsors
• Agenda Overview

• We are performing a Livestreaming of all three days of the combined SAF Summit & CBGM
• To access the Livestream:
  https://airportscouncil.org/caafi/
Introductory Comments

- Welcome
- CAAFI Team Introduction
- Logistics
- Anti Trust Statement
- Mentimeter
- Event Sponsors
- Agenda Overview

• CAAFI’s Founding & Organizational Sponsors

#CAAFI2022
@caafiaviation
Wifi: YTDC_Conference
Password: CBGM22
Mentimeter Polling
www.menti.com  5432 4490
Introductory Comments

- Welcome
- CAAFI Team Introduction
- Logistics
- Anti Trust Statement
- Mentimeter
- Event Sponsors
- Agenda Overview

• 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:
Introductory Comments

• Welcome
• CAAFI Team Introduction
• Logistics
• Anti Trust Statement

• 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.
Introduction Comments

- Welcome
- CAAFI Team Introduction
- Logistics
- Anti Trust Statement
- Mentimeter
- Event Sponsors
- Agenda Overview

- 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.
Introductory Comments

• Welcome
• CAAFI Team Introduction
• Logistics
• Anti Trust Statement
• Mentimeter
• Event Sponsors
• Agenda Overview

• At various times during the conference, we are interested in capturing audience views

• Log-in to 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
- Enter Submit
- Respond to question you see
Introductory Comments

• Welcome
• CAAFI Team Introduction
• Logistics
• Anti Trust Statement
• Mentimeter

• Event Sponsors
• Agenda Overview

#CAAFI2022
@caafiaviation
Wifi: YTDC_Conference
Password: CBGM22
Mentimeter Polling
www.menti.com  5432 4490
SAF Summit & CAAFI Biennial General Meeting
Financial Sponsors

Champions +
USDA
NIFA
Airlines for America
United States Department of Agriculture
National Institute of Food and Agriculture
We Connect the World

Champions
ALDER FUELS
Boeing

Allies
Gulfstream
Aerospace Industries Association

Advocates

Supporters
AVFUEL
BoOM

Our thanks to these generous sponsors!!
Introductory Comments

- Welcome
- CAAFI Team Introduction
- Logistics
- Anti Trust Statement
- Mentimeter
- Event Sponsors

- Agenda Overview

Wednesday
- SAF
  - Introductory Comments & Welcome
  - Government Commitments to SAF
  - Framing the SAF Challenge
  - US Policy
  - Government & Aviation Working Together
  - Progress on 3B x '30 Industry Pledge
  - SAF Grand Challenge Roadmap Overview
  - Perspectives Panel: SGC
  - SGC Feedback Session

Thursday
- CBGM
  - Resources
  - Feedstocks
  - Near Term Commercialization Activities
  - Government & Aviation Working Together
  - Critical Value Proposition – Key Issues
  - ASTM Cert/Qual
  - 100% SAF
  - Sustainability & Transparency via Innovative Mechanism

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
Introductory Comments

- Welcome
- CAAFI Team Introduction
- Logistics
- Anti Trust Statement
- Mentimeter
- Event Sponsors
- Agenda Overview

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
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

#CAAFI2022
@caafiaviation

Mentimeter Polling
www.menti.com 5432 4490
Panel Discussion: Airport Activities

CAAFI Biennial General Meeting Day 1

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

#CAAFI2022
@caafiaviation

Mentimeter Polling
www.menti.com  5432 4490
CAAFI Biennial General Meeting

15 Minute Break

Return at 10:15
SAF Summit & CAAFI Biennial General Meeting
Financial Sponsors

Champions+

Champions

Allies

Advocates

Supporters

Our thanks to these generous sponsors!!
Welcomes you to the 2022 CBGM
We’re on break, We’ll restart at 10:15
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

#CAAFI2022
@caafiaviation

Mentimeter Polling
www.menti.com  5432 4490
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

#CAAFI2022  @caafiaviation  Mentimeter Polling  www.menti.com  5432 4490
SAF Summit

A video highlight from our sponsor

Champions Level
Financial Sponsor

#CAAFI2022
@caafiaviation

Wifi: YTDC_Conference
Password: CBGM22

Mentimeter Polling
www.menti.com 5432 4490
Keynote Address

Chris Raymond
Boeing
Chief Sustainability Officer
SAF Summit

Lunch: Sponsored by Boeing

Champions Level
Financial Sponsor

Wifi: YTDC_Conference
Password: CBGM22

Mentimeter Polling
www.menti.com  5432 4490

#CAAFI2022 @caafiaviation

28
CAAFI Biennial General Meeting

Lunch

Return at 1:00
SAF Summit & CAAFI Biennial General Meeting
Financial Sponsors

Champions +

United States Department of Agriculture
National Institute of Food and Agriculture

Airlines for America*  
We Connect the World

Champions

Alder Fuels
Boeing

Allies

Advocates

Supporters

Gulfstream
A General Dynamics Company

Our thanks to these generous sponsors!!
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. Sincock
Avfuel Corporation, EVP

Marty Kretchman
Signature Flight Support, SVP Operations Planning

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

#CAAFI2022
@caafiaviation

Mentimeter Polling
www.menti.com  5432 4490
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

Mentimeter Polling
www.menti.com 5432 4490

#CAAFI2022 @caafiaviation
Welcomes you to the 2022 CBGM
We’re on break, We’ll restart at 3:10
CAAFI Biennial General Meeting

15 Minute Break

Return at 3:10
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

#CAAFI2022
@caafiaviation

Mentimeter Polling
www.menti.com 5432 4490
Presentation: Evaluation of No-CO$_2$ SAF Benefits

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

#CAAFI2022
@caafiaviation
SAF Summit & CAAFI Biennial General Meeting
Financial Sponsors

**Champions +**
- USDA
- NIFA
- Airlines for America

**Champions**
- ALDER FUELS
- BOEING

**Allies**
- ACI North America
- Gulfstream

**Advocates**
- AIA Aerospace Industries Association

**Supporters**
- AVFUEL
- USA BioEnergy

Our thanks to these generous sponsors!!