



CAAFI Biennial General Meeting (CBGM) & Integrated ASCENT Symposium Agenda Overview

December 4-6, 2018

Marriott Metro Center, Washington, DC

CBGM attendance is by *invitation only* and is offered only to CAAFI sponsors, stakeholders, and select members of the media. If you are interested in attending and did not receive an invitation, please contact us at info@caafi.org. Check back often for keynote speaker announcements and session updates.

Addressing previous attendee recommendations, the three-day agenda summarized below will also include keynote addresses from high profile speakers, a few special announcements, and additional breaks to facilitate networking. Reservable space will also be available for private meetings on a first-requested basis.

Day 1 (Tuesday, Dec. 4th)

Morning Session - Commercialization Progress and Value Proposition of Sustainable Alternative Jet Fuel (AJF)
In this session we will hear about alternative jet fuel (AJF) deployment progress and plans, discuss key drivers of value proposition for sustainable AJF, and hear about a variety of emerging technologies.

Opening Remarks

Welcome, overview of objectives and ASCENT alignment from Steve Csonka, CAAFI's Executive Director

The Who/What/Where of AJF Deployment and Plans

Domestic and international industry status and perspectives

Value Proposition of SAJF

What is the value proposition of sustainable AJF, how does it help meet stakeholder goals

Parade of Commercialization Efforts

Companies with near term commercialization plans

Emerging Technologies and Pathways

Companies with new technologies and approaches that are readying for commercialization

Afternoon Session - Aligning Efforts to Enable Commercial Deployment

The afternoon of Day 1 will focus on an introduction to the Aviation Sustainability CENTER (ASCENT) activities, and how the work of ASCENT is applicable to commercialization efforts. Sample analysis to be reviewed include national analyses for lipid-based fuel production, future U.S. AJF production.

Introduction to ASCENT

Overview of research activities in the FAA's Center of Excellence for Aviation and Environment

Future production potential of AJF in the U.S.

Analyses of future feedstock and fuel availability potential

Enabling lipid-based fuel production

Looking ahead at commercialization of multiple lipid-based pathways and feedstock availability

Commercialization and Value Proposition Open Discussion

Moderated by the CAAFI Leadership Team

Networking Reception - We will cap the day off with an onsite Networking Reception in the early evening with a cash bar and light hors d'oeuvres. Each attendee will receive two complimentary drink tickets.



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Day 2 (Wednesday, Dec. 5th)

Morning Session - Aligning Efforts to Enable Commercial Deployment (continued)

On our second day, we will spend the morning exploring ongoing supply chain development efforts across the U.S., including CAAFI State Initiatives, ASCENT's regional supply chain projects, the USDA Coordinated Agriculture Projects focused on sustainable AJF, and real-world supply chain successes.

Real World Supply Chain Development: CAAFI State Initiatives and Supply Chain Activities

CAAFI's regional and state supply chain development efforts across the U.S.

Real World Supply Chain Development: USDA Coordinated Agriculture Projects

Significant regional supply chain efforts focused on sustainable AJF

Real World Supply Chain Development: ASCENT Regional Projects

How ASCENT is laying the groundwork to enable specific tactical deployment efforts (ASCENT Project 01)

Real World Supply Chain Experiences: Supply Chain Tools

Successes, needs and feedback on the available supply chain assessment and analysis tools

Afternoon Session - Enhancing the Fuel Qualification Approach

The afternoon of Day 2 will be focused on the approach to, and the status of, fuel qualification efforts, and ongoing efforts to streamline the cost, time and effort associated with ASTM specification approval. The afternoon will also include some dedicated time for networking, visiting the displays of our exhibitors, and checking out the poster session.

ASTM and Fuel Qualification: Current Status and Forthcoming Specifications

Certification and qualification progress for new AJF

Streamlining Qualification: the D4054 Clearinghouse

How the D4054 Clearinghouse (ASCENT Project 31) is helping accomplish AJF testing and qualification

Streamlining Qualification: the National Jet Fuel Combustion Program

Research efforts to improve our understanding of how fuel composition and characteristics determine performance (ASCENT Project 34)

Networking Reception - The day will end with an onsite Networking Reception consisting of a cash bar and heavy hors d'oeuvres. Each attendee will receive two complimentary drink tickets.



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Day 3 (Thursday, Dec. 6th)

Morning Session - Implementing Tools and Best Practices

Our final day will start with a discussion of tools and best practices that can facilitate feedstock and technology maturation, commercialization, and deployment. CAAFI will present a New Approach to Connecting Fuel Producers and Airlines, we will discuss CAAFI readiness resources, and we'll hear from other partners at state, regional, and international levels about their experiences, best practices, and partnerships. The CBGM Plenary session will close with a look ahead and upcoming activities and outcomes.

A New Approach to Connecting Fuel Producers and Airlines

CAAFI's approach to facilitating commercial engagement

Fuel, Feedstock and Commercial Maturity

Using CAAFI readiness tools and frameworks

The Role for Airports

How airports can enable AJF use, and current progress

Expanding Collaborations

Developing partnerships with airports, state and regional partners, non-governmental organizations, and others

The Role for Airports

How airports can enable AJF use, and current progress

Afternoon Session – Global Activities

The second half of Day 3 will focus on activities of partners and stakeholders around the globe. We'll get an update on the International Civil Aviation Organization's (ICAO) Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) as well as hear from international partners on unique research projects, deployment activities, and public-private partnerships.

The Global Scene: CORSIA Update

Progress and requirements of the ICAO Market-based Measure for international aviation

The Global Scene: Public-Private Partnerships and Deployment Activities

Partner organizations around the world, how CAAFI and other PPPs complement each other's work efforts, current research and deployment activities

Demo-SPK

A comprehensive research and demonstration project for use of renewable AJF at Leipzig/Halle airport

The Global Scene: Deutsches Zentrum für Luft- und Raumfahrt (DLR)/NASA

Joint research flights in Germany to study particulate emissions from AJF and influence on cloud formation, contrails, and climate

The Global Scene: Canada's AJF Activities

The Green Aviation Research & Development Network (GARDN), plans for an AJF-related competition, and trilateral efforts between Canada, the US, and Mexico

Closing Remarks

A look at the opportunities ahead and next steps with Steve Csonka, CAAFI Executive Director