



2019 Alaska-Yukon Wood Energy Conference

BIOMASS HEATING FOR THE NORTH

Monday, April 15 Agenda

- 8:00 AM Registration & vendor booths opens
Continental breakfast
- 9:00 AM OPENING CEREMONY
Master of Ceremonies and Conference Moderator
Robert Venables, Executive Director of Southeast Conference
Honourable Ranj Pillai, Yukon Deputy Premier (via video)
Minister of Energy, Mines and Resources
U.S. Senator Lisa Murkowski (via video)
Chair, Senate Committee on Energy and Natural Resources
Fairbanks North Star Borough Mayor Bryce Ward
- 9:20 AM OPENING PLENARY
Biomass Field Trip Lessons Learned – a brief overview of the Yukon Biomass Tour
Moderated by Ryan Hennessey, Senior Energy Planner, Government of Yukon
- 10:00 AM NETWORKING BREAK
- 10:30 AM KEYNOTE SPEAKER
Adam Sherman, Vermont's Biomass Energy Resource Center (BERC) Manager
Achievements in the World of Biomass

Learn about new technology and other innovation in the world of biomass through case studies from other parts of the United States.
Sponsored by Alaska Center for Energy and Power (ACEP)
- 11:15 AM COMMUNITY ROUND UP – Audience round robin introductions
In 30 seconds or less please share the story of your community's biomass project.
- 12:00 PM LUNCH
- 1:15 PM COMMUNITY UPDATE: BURWASH LANDING
Kate Ballegooyen, Kluane First Nation
There and Back Again

This Burwash Landing biomass installation is one of the oldest in the Yukon. Hear about their choice to return to a chip fired boiler for their district heat system after a brief switch to cordwood.



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- 1:45 PM KEYNOTE SPEAKER
Damien Burns, Director of Wildland Fire Management Protective Services
Yukon Wildland Fire Management: Towards Wildfire Resilient Yukon Communities
- Hear how Yukon communities are looking at fiber from wildfire mitigation as a biomass fuel for heating buildings.
- 2:30 PM COMMUNITY UPDATE: GALENA
Tim Kalke, Sustainable Energy Galena Alaska (SEGA)
Sustainable Biomass Harvesting and Heating in Galena
- Tim will present an overview of the wood harvest and large-scale chip system that heats 14 buildings at the Galena Interior Learning Academy
- 3:00 PM NETWORKING BREAK – SNACKS IN THE VENDOR ROOM
Break sponsored by Coffman Engineering
- 3:30 PM PLENARY
Food and Greenhouses: Optimal Greenhouse Design for Northern Latitudes
Moderated by Finella Pescott , owner of Fortitude Consulting and Rusty Foreaker, Agronomist, Alaska Department of Natural Resources
- Hear from a panel of speakers about innovations in biomass heated school greenhouses and success stories from communities in the Yukon and rural Alaska.
- Bob Sharp, Yukon Greenhouse Design (Speaker)
Lauren Burch, Southeast Island School District (Panel)
Tony Lee, Alaska Gateway School District (Panel)
- 4:30 PM PLENARY
How the Fairbanks Air Quality Stakeholders Group is Dealing with Emissions
Chad Schumacher, Superior Pellet Fuels, President
- 5:00 PM AFTERNOON WRAP UP & ANNOUNCEMENTS
- 6:00 PM RECEPTION: Wedgewood Resort
Appetizers courtesy conference vendors. No-host bar.



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Tuesday, April 16 Agenda

- 7:00 AM CONTINENTAL BREAKFAST & MORNING ROUNDTABLES
Master of Ceremonies and Conference Moderator
Robert Venables, Executive Director, Southeast Conference
- 8:00 AM DAY TWO KICKOFF
Karen Petersen, Biomass Coordinator, Southeast Conference
Ryan Hennessey, Senior Energy Planner, Government of Yukon
- 8:05 AM MORNING SPEAKER: WELCOME TO ALASKA
Chris Maisch, Alaska State Forester
An Overview of How State Forestry Supports Biomass in Alaska
- 8:20 AM KEYNOTE SPEAKER
Maureen Scott, Forestry Officer, Canadian Forest Service
Why Biomass? - An overview of why biomass matters
- 9:00 AM BREAKOUT SESSIONS A
- 1. Combined Heat and Power – Past, Present and Future**
Moderated by Dan Smith, Alaska Native Tribal Health Consortium
Adam Sherman, Manager, Biomass Energy Resource Center (BERC)
Tony Lee, Biomass Facility Manager, Alaska Gateway School District
Sebnem Madrali, Research Projects Engineer, CanmetENERGY, Ottawa
- 2. Small Scale Pellet Production Roundtable**
Moderated by Dan Parrent, U.S. Forest Service
Larry Jackson, Owner, Alaska Sustainable Energy
Brad Cox, Owner/Managing Partner, Logging and Milling Associates, LLC
- 3. Alternative Funding Ideas for Biomass Projects**
Moderated by Chris Rose, Renewable Energy Alaska Project
Katherine Nimmo, Owner, ACS Mechanical Inc
Myles Thorp, Executive Director, Yukon Wood Products Association
- 10:30 AM NETWORKING BREAK



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11:00 AM BREAKOUT SESSIONS B

1. District Heat Systems

Moderated by Ryan Hennessey, Government of Yukon

Blair Hogan, President, Gunta Business Consulting

Jason Hoke, Programs Director, Ahtna Inter-Tribal Resources Commission

Freddy Bosum, Director of Public Works, Ouje-Bougoumou Cree Nation

2. Carbon Credits: Alaska and Yukon

Moderated by Amanda Byrd, Alaska Center for Energy and Power

Charlie Sink, Trust and Land Division Director, Chugachmiut

Nathan Lojewski, Forestry Manager, Chugachmiut

3. Advice from Experts: How to Avoid Common Project Development Mistakes

Moderated by Devany Plentovich, Alaska Energy Authority

John Siegenthaler, Appropriate Designs: Integration with Hydronic Systems

David Dubois, Fink Machinery: Feasibility and Early Project Development

Andrew Haden, Wisewood Energy: Engineering Design and Construction

12:30 PM LUNCH

1:30 PM KEYNOTE SPEAKER

Scott Habberstad, Alaska Airlines Director of Sales and Community Marketing

BioFuel: The Alaska Airlines Story

Hear about outside the box thinking that made Alaska Airlines a leader in renewable energy in their development of av-gas made from trees.

2:00 PM KEYNOTE SPEAKER

Jason Hoke, Programs Director, Ahtna Inter-Tribal Resources Commission

Fire Mitigation and Moose Browse Enhancement for Biomass in Alaska: The Food/Fuels/Jobs program

Jason will discuss how AHTNA Corporation is promoting jobs and local renewable energy while improving moose browse and managing for wildfire.

Sponsored by Fairbanks Economic Development Council (FEDCO)

2:45 PM NETWORKING BREAK & SNACKS

Sponsored by Coffman Engineering

3:15 PM COMMUNITY UPDATE: NAPAIMUTE

Mark Leary, Director of Development and Operations, Native Village of Napaimute

Wood Harvesting in Napaimute

4:00 PM AFTERNOON WRAP-UP

6:00 PM RECEPTION: FOUNTAINHEAD ANTIQUE AUTO MUSEUM

212 Wedgewood Drive