

Climate Action Strategy



Friedman Memorial Airport
Climate Action Planning

Mead
& Hunt



Context for Climate Action

→ (Sustainability) Planning

- ▶ Increase operational efficiencies
- ▶ Realize cost savings
- ▶ Reduce environmental footprint

→ Community and Industry Alignment

- ▶ Blaine County Sustainability and Climate Action Committee
- ▶ FAA Net Zero by 2050

→ Funding Opportunities

- ▶ Airport Climate Challenge
- ▶ Bipartisan Infrastructure Law
- ▶ Inflation Reduction Act



Climate Action Strategy

➔ Framework for measuring, planning, and reducing greenhouse gas (GHG) emissions and related climatic impacts

- ▶ Greenhouse Gas Inventory
- ▶ Proposed Reduction Measures
- ▶ Implementation

SUN Climate Action Story

- ➔ Existing Climate/Sustainability Actions
- ➔ Partnerships/Alignment
- ➔ Recommended Measures



Accomplishments to Date

- Blaine County Regional Sustainability & Climate Advisory Committee
- Greenhouse Gas Emissions Inventory
- LED Replacements
 - All Runway Edge lighting system
 - All Terminal, FBO, De-Icing apron, and Parking lot overhead lights
 - All interior lighting in Airport Admin/Operations Building and cold storage building (*in progress*)
- New snowplow/broom combination “multi-tasking units”
- New Runway-Deicing truck

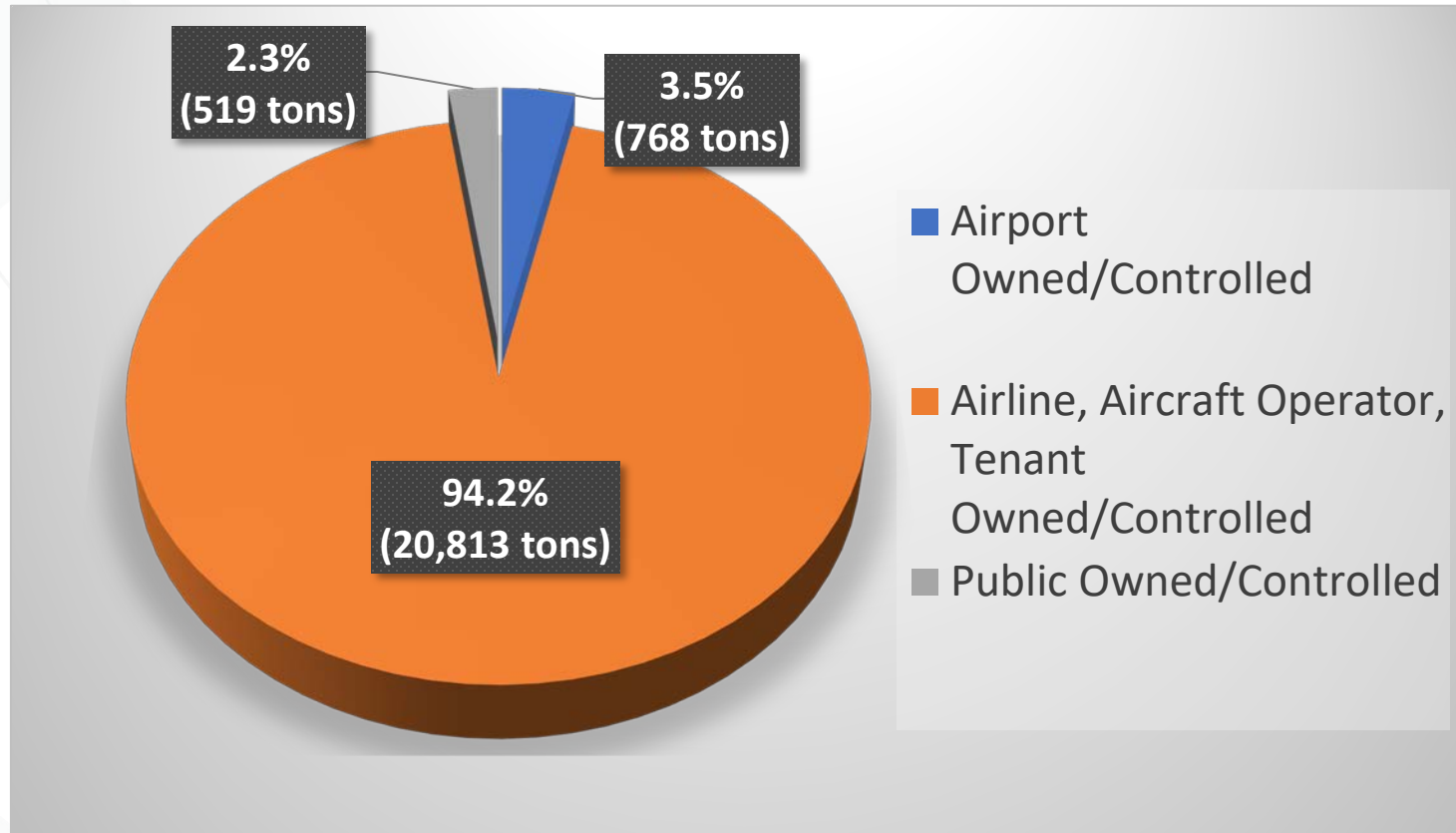


Partnerships

- **Blaine County Regional Sustainability & Climate Advisory Committee**
- **FBO: Atlantic Aviation**
- **Car Rental Agencies: Avis, Budget, Hertz, Enterprise, National**
- **Airlines: Alaska, Delta, United**



Looking Forward



Proposed Emission Reduction Measures

→ Infrastructure

- ▶ **ASHRAE Level 1 Energy Audit**
- ▶ **COVE Tool Evaluation**
- ▶ **Commission Emissions Study on Snow Melting/Removal Technologies**
- ▶ **Electrified Ground Power**
- ▶ **Preconditioned Air**
- ▶ **Battery LED/Solar Taxiway Lights**
- ▶ **Airport Backup Power**

Proposed Emission Reduction Measures

✈️ Ground Operations/ Ground Service Equipment

- ▶ **Electric Airport Vehicles**
- ▶ **Battery Operated Tug & Ground Service Equipment (GSE)**
- ▶ **Battery Operated Ground Power Units (GPU)**

Proposed Emission Reduction Measures

✈ Fuel Supply

- ▶ Sustainable Aviation Fuels (SAF)
- ▶ 100 Low Lead Alternative Fuel

✈ Voluntary Procedures

- ▶ Single Engine Taxi Voluntary Policy.
- ▶ Auxiliary Ground Power Unit (APU) Run Time Limitation.
- ▶ Voluntary Programs and Policies for Aircraft Rental and Flight Schools.



Next Steps

- ➔ Incorporate Board Input
- ➔ Publish to Airport website
- ➔ Target implementation strategies



Questions

Clarifications

Answers

Discussion

Thank You.

