Transportation and Land Use
Research Recommendations

Presented to: Research Needs Working Group
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Research Recommendation Overview

- Life-cycle impacts of GHG emissions for alternative fuels
- Reduction of GHG emissions through coordination of transportation networks and commercial fishery openings.
- GHG emissions for future transportation planning in Alaska.
- GHG emissions from newer marine engines in Alaska.
Life-cycle impacts of GHG emissions for alternative fuels

- Bio diesel
- Ethanol
- Natural gas
- Develop tool
- Alaskan environment and conditions
- Production
- Transportation
- Use
Reduction of GHG emissions through coordination of transportation networks and commercial fishery openings.

- Multi modal assessment of potential for coordinating transportation networks
GHG emissions for future transportation planning in Alaska.

• Develop tools to assess future planning scenarios as they relate to GHG emissions
• Use system approach to transportation planning with a focus on reducing GHG emissions
• Collaborate between transportation modes
GHG emissions from newer marine engines in Alaska.

- Particulate from new marine engines are lower than older models
- Assess the impact of these engines on GHG emissions
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comments and input, please