

How Minnesota Transit Operators and Others are Helping Clear the Air

Lisa Thurstin
Senior Manager,
Environmental Programs
American Lung Association
St. Paul, MN



clean air choice®
‡ AMERICAN LUNG ASSOCIATION.
IN MINNESOTA



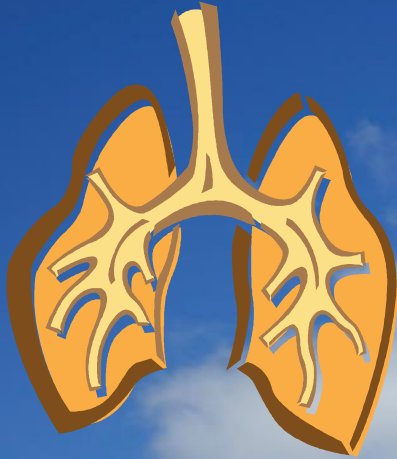
Sustainability & Multimodal Planning Workshop



Key Take-Aways

- **Who We Are**
- **Why We Are Involved**
- **What Are Options in MN & Nationwide**
- **Case Studies**
- **Resources**

Why the American Lung Association ?



Clean. Renewable. Close to Home.

Minnesota is a national leader in alternative fuels.



Clean. Renewable. Close to Home.

Metro Transit & Rochester Public Transit

Annual Emissions Reduction From Minnesota's Use of B10*

Est. 900M gallons annual use in Minnesota

| | |
|--------------------|-------------------|
| Particulate Matter | 163 tons (3.4%) |
| Hydrocarbons | 216 tons (5.7%) |
| Carbon Monoxide | 1,820 tons (3.5%) |
| Greenhouse Gases | 671,000 tons |



Clean. Renewable. Close to Home.

Metro Bus: St. Cloud, MN



Clean. Renewable. Close to Home.

Eastern Carver County School District



- Propane burns cleaner than traditional petroleum fuels.
- Some bi-fuel vehicles can run on either propane and diesel or gasoline.

Clean. Renewable. Close to Home.

Other Solutions To Air Pollution

FLEXFUEL

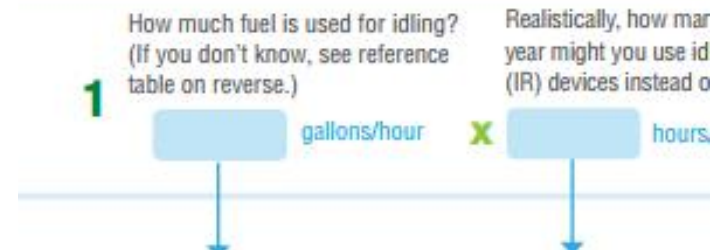
Up to 85% Ethanol



Argonne NATIONAL LABORATORY

Clean Cities U.S. Department of Energy

Calculate Costs for Avoidable Idling



Clean. Renewable. Close to Home.

Questions?

Lisa Thurstin – Lisa.Thurstin@Lung.org

CleanAirChoice.org

Clean Air Choice Team on Facebook

@CleanAirChoice2 on Twitter



clean air choice[®]

† AMERICAN LUNG ASSOCIATION[®]
IN MINNESOTA



Clean. Renewable. Close to Home.