Optimus Technologies

Optimus Technologies Vector System enables medium- to heavy-duty vehicles to run on B100 biodiesel
What Is Our Plan?

- Pilot Study funded by Dr. John Swanson
- Optimus Technologies would install engines
- Biodiesel sourced from soy or used cooking oil
- Trucks or Tractors?
Goals

- Feasibility
- Environmental Impact
- Education/Living Laboratory
What We’ve Done So Far

- Life Cycle Analysis
- Written Report Outline
- Lab-scale Biodiesel Production
- Interdepartmental Communication
Homemade Biodiesel
Next Steps

- Logistics
- Community Cooperation
- Determine whether to install
  - Result Analysis
  - Recommendations
Challenges

- LCA Calculations
- Uncertainties
- Interdepartmental
Thank you!