



# Biodiesel in Pennsylvania

Presenter


Ben Wootton, President





# What is Biodiesel?



- Completely natural, renewable fuel
  - Can be used to fuel any diesel engine
  - There are NO petroleum or other fossil fuels in pure biodiesel
  - Made from 100% renewable sources through the process of *transesterification*
  - Biodiesel fuel must meet all federal standards, ASTM 975
  - True biodiesel fuel is qualified under ASTM D6751
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# What are Renewable Sources?



- Main ingredients of biodiesel
- Waste materials from a production process that would normally be disposed of
- Agricultural or Recycled Resources
- i.e. soybean oil, animal fats, vegetable oil, cooking (“yellow”) grease



# Benefits of Biodiesel



- Beneficial for the **Environment & Public Health**
  - Naturally Sulfur Free
  - Reduces air pollution
  - Reduces global warming gas emissions
  - Reduces exhaust from school buses, construction equipment, fire trucks, farm vehicles, transit buses, and municipal road fleet vehicles
  - Nontoxic, biodegradable, suitable for sensitive environments



# Benefits of Biodiesel

*Continued, 2*



- **Strengthens Pennsylvania Economy**
  - Enhances Pennsylvania's agriculture
    - Biodiesel ingredients are already produced in Pennsylvania
  - Pennsylvania Farmers can sell their feedstock within the state
  - Provides new job opportunities within PA
    - Farmers, Crushers, Producers, Distributors



# Benefits of Biodiesel

*Continued, 3*



- Biodiesel is Energy Efficient
- Environmentally Friendly and Safe
- Reduces US dependence on foreign oil
- Industry helps Pennsylvania become Energy Independent




# Current Status of Industry



- Surrounding states provide in-state incentives
- Right now, 80% of biodiesel sold in PA was produced **outside** Pennsylvania
- As feedstock prices increase, the percent of biodiesel sold in PA (but produced outside PA) will increase
- It is *less costly* for a PA distributor to purchase biodiesel producers **outside** Pennsylvania
- Pennsylvania Biodiesel Industry may not survive without an in-state production incentive



# Save Biodiesel in PA

- Senate Bill 10
    - State would support industry with \$1.00 per gallon of biodiesel produced in Pennsylvania
    - Incentive to last for three years
  - Senate Special Session Hearing, Energy Policies
    - Nov 14, 2007 in Harrisburg
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# Unclaimed Benefits



- Future of United States biodiesel industry
  - Create almost 40,000 jobs
  - Add \$24 billion to the overall US economy
  - Over the next 7 years
- Pennsylvania's chief industry is agriculture
  - Excess feed stock is being produced
- *Pennsylvania should take part in its share of the new jobs and increase in economy and **lead the US in energy independence***



# Biodiesel is Here TODAY

- Can be used to fuel any diesel engine
  - Several Pennsylvania gas stations already offer biodiesel as an environmentally friendly alternative
- Pennsylvania Biodiesel Producers Group
  - Help the PABPG to achieve Energy Independence for PA
  - Contact your local PA legislators and share your support for the PABPG and it's mission

[www.PABPG.org](http://www.PABPG.org)





# Thank You!

Ben Wootton, President



717- 761-3511

[Ben.Wootton@keystonebiofuels.com](mailto:Ben.Wootton@keystonebiofuels.com)

[www.keystonebiofuels.com](http://www.keystonebiofuels.com)