

Benefits of Biodiesel

- **70% reduction in particulate matter and carcinogens – B100**
- **Vehicles and neighborhoods with greatest need are easily targeted - direct reduction of PM10 at street level**
- **Use local wastes to make a product for local use**
- **Fuel security for disaster preparedness**
- **Stabile, non-toxic, nonflammable fuel**
- **Multiple federal incentives**
- **Immediate compatibility with existing City and private diesel fleets, and completely reversible**
- **Local job creation**
- **Benign industrial process - low temperature, low tech, small footprint, modest capitalization**
- **Flexibility in feedstock equals less risk, high sustainability**
- **Local feedstocks approach local demand**
- **Infrastructure exists in both the private and municipal sectors for fuel delivery and service**

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- Biodiesel is a renewable diesel engine fuel that is made from any natural plant oil or animal fat, including recycled vegetable oil.
- Recently, biodiesel has been the buzz, its in news every few days, everyone in SF seems to know someone who is actually using it or thinking about it.
- Strong grassroots movement of enthusiasts who are making it happen - Cooperative in Berkeley for a number of years and recent emergence in SF.
- Berkeley Ecology Center converted recycling fleet, 10 trucks, to 100% biodiesel, B100, in 2001.
- City of Berkeley converted 188 vehicles, in Jan 2003. Recently announced that this conversion was a major factor in significant reductions of GHG - 14% below 1999, or double the Kyoto goal.
- Strong national infrastructure producing and using biodiesel, and rapid growth in CA , 4 to 8 plants in the next year. B20 very common in US.
- War in Iraq, with its focus on Oil, has lead to calls for reducing our reliance on foreign sources and looking for domestic energy sources
- Growing chorus of voices heralding the End of Oil - from the cover of NYTimes magazine to full page ads by Chevron and other oil companies.
- Recent increases in the price of oil and cost of diesel fuel has narrowed the gap with biodiesel. As of 9/26/05: \$2.85/g for ultra low sulfur diesel versus \$3.30/g B100 biodiesel
- Supporters of biodiesel have been urging the City to join in, take an active role in advancing biodiesel - from incentivizing private use with tax policy and expediting permitting for fueling facilities, to converting all or portions of MUNI, DPW, SFFD, DPT fleets to B20 to B100 and producing biodiesel in SF from waste grease.