Advanced Biofuels USA, a nonprofit educational organization, advocates for the adoption of advanced biofuels as an energy security, economic development, military flexibility and climate change solution.





Why Transition to Sustainable Renewable Fuels?

10 Excellent Reasons

- 1. Climate Change Recycle carbon. Don't release "new" carbon from its underground storage.
- 2. Energy Security Peak Oil. We need to prepare for when oil runs out.
- 3. **Health Benefits** Ethanol can replace carcinogenic aromatics, and substantially reduce harmful emissions.
- 4. More Efficient Engines Require Biofuels Higher octane, higher ethanol transportation fuels. Engine manufacturers can maximize the efficiency of smaller, more efficient engines that utilize high combustion pressures and take advantage of other useful properties of ethanol. Cleaner, lower maintenance jet engines with renewable jetfuel. Less expensive maintenance for biodiesel hybrid buses.
- 5. **Environmental Benefits –** Avoid deep water drilling oil spills, destruction of habitat from tar sands or fracking.
- 6. **National Security –** Military do not have to protect feedstock sources or transportation routes of advanced biofuels.
- 7. **Jobs** Advanced biofuel production creates local jobs in agriculture, forestry, waste management, engineering, science and biorefineries. Not to mention the jobs which support these with food, shelter and services.
- 8. Leadership in Science and Technology-- Historically, the basis of economic success. Advanced biofuels is today's frontier.
- 9. **Keep your money at home! –** Do not spend your currency on foreign energy resources.
- 10. Not Under Someone Else's Control Lessen foreign energy providers' power.