

ALCOHOL CAN BE A GAS!

ALCOHOL FUEL: WHO CARES?

FARMERS

can increase their profits by producing and using alcohol fuel. They can:

- Create an economic engine that can vitalize the family farm.
- Create substantial off-season income.
- Make their own fuel for under \$1.00 a gallon—and get the government to pay them \$.61 for every gallon they use.
- Make more money raising non-traditional energy crops, rather than traditional crops.
- Improve soil by rotating high-value energy crops into current crop rotations.
- Make money by using distillery byproducts as high-quality animal feed and fertilizer.
- Establish an alcohol fuel station in town and sell their excess ethanol.

CONSUMERS

can be part of the solution, not the problem, while saving money. They can:

- Run a 50% alcohol/gasoline mixture right now in whatever vehicles they're driving.
- Easily convert vehicles to use alcohol fuel for optimum performance.
- Improve air quality by using ethanol.
- Save money by using ethanol.
- Buy sustainably produced ethanol from a Community-Supported Energy (CSE) Co-op.
- Band together to create their own CSE, enjoying energy independence and great tax breaks.

CONTRACTORS

can save a lot of money by making their own fuel. They can:

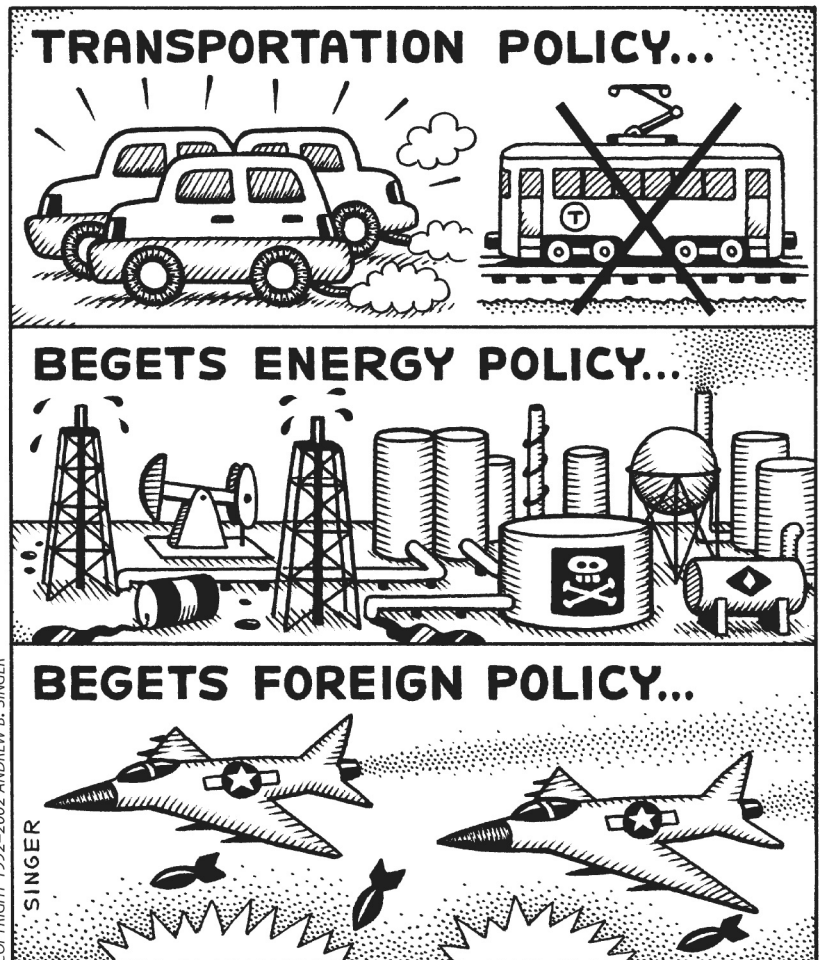
- Build their own alcohol fuel production plant.
- Make their own fuel for under \$1.00 a gallon—and get the government to pay them \$.61 for every gallon they use.
- Earn money helping others develop ethanol production plants.

- Triple the life of their engines.
- Choose from six different ways to convert diesel engines to alcohol fuel.

ENVIRONMENTALISTS

see that ethanol can help reverse global warming. They can:

- Implement a plan using alcohol fuel to stop, and ultimately reverse, atmospheric greenhouse gas emissions.
- Use alcohol fuel to transform industrial agricultural into a diversified, localized system that eliminates all waste effluents, provides more humane treatment of livestock, and produces plentiful organic food.



- Use alcohol fuel to eliminate all need for imported oil.
- Use alcohol fuel to eliminate the need for herbicides and GMO crops.
- Use alcohol fuel to save money on fuel while improving air quality.

COMMUNITY PLANNERS

can use alcohol fuel to solve problems and increase revenue. They can:

- Set up a farm/micro-distillery to serve as an economic engine to revitalize depressed communities—by providing jobs, producing valuable food and fuel, and generating revenue.
- Keep expenditures for food and fuel inside the community.
- Set up an ethanol filling station and save money operating fleets.
- Earn money selling fuel to the public.
- Produce ethanol from municipal biomass; for example, cattails in sewage treatment systems.
- Create a Community-Supported Energy (CSE) Co-op that can provide low-priced fuel to community members.

SELF-SUFFICIENCY ENTHUSIASTS

can use alcohol fuel to become completely energy independent. They can:

- Make their own fuel and sell any extra.
- Produce fuel that will be as valuable as any sort of currency.
- Use ethanol as a motor fuel or as a co-generation fuel to generate electricity and heat, or for cooking and lighting.

FOOD DISTRIBUTORS & GROCERS

can save money by producing and using alcohol fuel. They can:

- Turn their produce waste into fuel.
- Eliminate landfill costs for disposing of damaged produce.

BOAT OWNERS

find that ethanol is a far superior fuel. They can:

- Save money by using ethanol instead of the \$5.00/gallon gasoline marinas sell.
- Enjoy using a fuel that doesn't stink.
- Improve engine performance: Ethanol won't stall the engine if there's water in the fuel, since alcohol absorbs the water.
- Clean sludge out of the fuel system with ethanol.

RACE-CAR DRIVERS & OWNERS

can use alcohol fuel to get more power. They can:

- Increase horsepower up to 40%, since ethanol burns cooler than gasoline.
- Push the engine much harder.
- Run far richer than stoichiometric.
- Enjoy using a fuel that's 105 octane and that tolerates 18:1 compression.
- Eliminate engine tear-downs and repairs, since, unlike methanol, alcohol will not damage engine or seals.
- Enjoy not having to provide a special fuel delivery system, unlike with methanol.

PILOTS & AIRPLANE OWNERS

can use ethanol to great advantage. They can:

- Run their engine more efficiently, since alcohol fuel has oxygen built in and becomes more efficient at higher altitudes.
- Extend engine life; avoid thousands of dollars in expensive engine rebuilds.
- Save money; ethanol is much cheaper than leaded Avgas.
- Enjoy using a fuel that is 105 octane and that burns much cooler and cleaner than gas.

PERMACULTURISTS

can create elegant integrated systems with alcohol fuel. They can:

- Produce solar-based fuel, along with such co-products as food, fertilizer, and animal feed.
- Create a fully integrated food/fuel agricultural system.

HOME BREWERS

can take their skills to the next level. They can:

- Distill their fermented mash into fuel alcohol.

ANYONE WHO IS DISGUSTED EACH TIME THEY FILL THEIR TANK WITH GAS

can do something positive instead. By using alcohol fuel, they can:

- Be part of an environmentally sensible, achievable way to stop, and reverse, global warming while eliminating all need for imported oil.
- Be part of a solution that can produce enough fuel, in an environmentally sustainable way, to completely offset the impact of Peak Oil, while increasing our food supply.
- Help put energy production into the hands of the people.