



*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.*



## **Action Plan for a Sustainable Advanced Biofuel Economy**

### **Status Quo US Policies Need to Change**

Orchestrated, well funded opposition from the non-renewable fuel industry and growing governmental inertia has stalled biofuel R&D innovations and market expansion. Climate Change isn't going away, nor are petroleum imports. It's time to get back on the fast-track.

- **Immediately include a common-sense “high octane/high ethanol” regular grade fuel program in EPA Tier 3 regulation. This will enable new high-efficiency cars and trucks to meet the 54.5 mpg 2022 fuel economy standard and open a long-term market for “total-biomass” ethanol and other renewable fuels.**
- **Start an exciting “new-ideas” Apollo-type program to produce all the sustainable biofuel and bioproducts possible from non-food biomass. Current status-quo thinking, energy development bureaucracies, and available commercial technologies have proven not to be the answer.**
- **Make advanced sustainable biofuel and bioproducts development the home for STEM students. Matching their smarts and excitement with our scientific and engineering challenges would create a bright future for our country.**
- **Fund the Apollo program and STEM related renewable energy R&D with a dedicated, self-reducing non-renewable carbon user fee. At \$20 ton/carbon, or .05\$/gallon for petroleum fuel, approximately \$3.8 billion/year would be generated. As the proportion of renewable fuel increased, the user fee would drop. This would be in concert with the R&D project reaching a successful completion.**

For more information on Advanced Biofuels: [www.advancedbiofuelsusa.org](http://www.advancedbiofuelsusa.org)