

Subcommittee Breakouts



Feedstock Recommendation Ideas



- RFS - Federal lands issue
- Algae as a Feedstock
- Food and Feed – greater emphasis on ensuring major row crops are included
- Feedstock research that examines carbon, conversion, regulatory, logistics/market
- Indirect Land Use
- MSW
- Market mechanisms for feedstocks

Sustainability Recommendation Ideas



- Market/Economic Sustainability
- Lifecycle Analysis
- Indirect Land Use in context of current petro systems
- Water Use/Quality
 - Add a statement regarding directed research to accomplish water conservation
 - Remove “especially grain ethanol” from statement
- Resource Conservation
- Sustainability Funding
 - Add specific areas of focus (i.e. market drivers, obstacles to economic stability)

Infrastructure



Flex fuel vehicles

- Market research as to why consumers choose flex fuel vehicles worldwide
- Research on the optimization of high (>30) ethanol blend capable vehicles
- Research on synergies between flex fuel vehicles and electric hybrid vehicles
- Concurrently the emissions certification would need to be adjusted to facilitate the results of the optimization study

Infrastructure



Blender Pumps

- Add a consumer education and outreach portion to the 2009 recommendation on **Ethanol Blender Pumps and Blend Impact on Infrastructure**

Feedstock Logistics/Markets

- While there are opportunities for research into feedstock harvesting, transportation, storage and handling the Committee must emphasize that access to the consumer is essential to the further growth of the biofuels industry

Conversion



International

- Conduct a study of other conversion technologies worldwide to assess the position of the United States relative to other countries and leverage promising technologies

Designer Fuels (pass on to infrastructure)

- Conduct research into the optimal blend of alcohols for infrastructure distribution, conventional vehicles, etc.

Conversion



More Pathways

- Conduct more LCAs for more biofuel pathways to eventually qualify or disqualify for RFS.

Thermochemical

- Continued investment in thermochemical conversion processes.

Merit Review Process

- Conduct a review of the DOE and USDA merit review processes, as well as a unified process for the BRDi joint solicitation with the goal of improving the success rates of funded projects.