

Advanced Biofuels Association

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Michael J. McAdams

President

2099 Pennsylvania Avenue, NW • Suite 100 • Washington, DC 20006

T 202.469.5138 | F 202.955.5564

www.advancedbiofuelsassociation.com



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Who We Are



How to Think About Biofuels

➤ *Technology*

- Gasification
- Hydrolysis
- Hydroprocessing
- Synthetic Biology
- Fermentation
- Catalyst

➤ *Feedstocks*

- Corn
- Sugars
- Wood
- Grasses
- Municipal Waste
- Algae

➤ *Molecule*

- Alcohol
 - Ethanol
 - Butanol
- Ether
 - ETBE
 - MTBE
- Ester
 - Biodiesel
- Hydrocarbon
 - Diesel
 - Jet
 - Gasoline



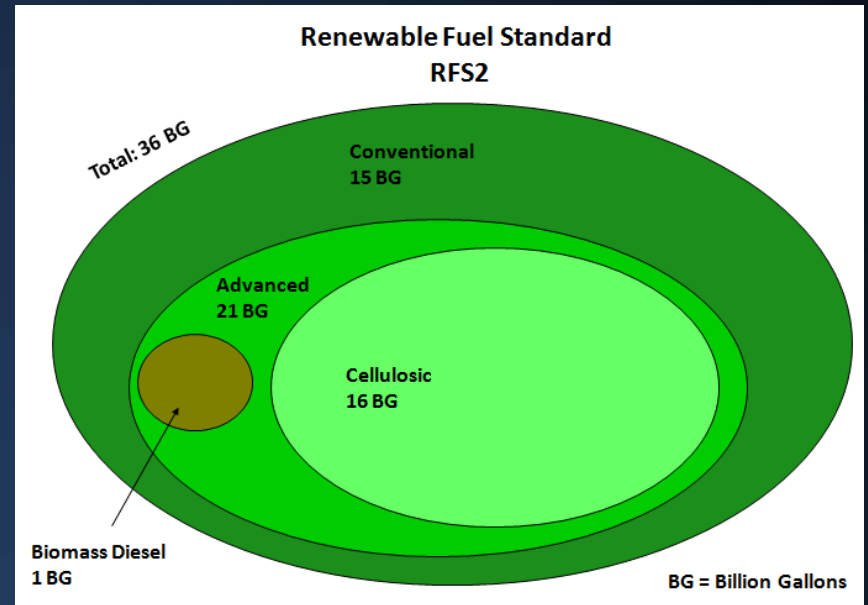
Fuel Properties

- Energy Content
- Environmentally Advantaged
- Fungibility (*drop in fuels*)
- Scalability
- Economically Competitive



The Role of U.S. Public Policy

- RFS2
- Tax credits
- Tariff
- Loan Guarantees
- Grants



U.S.—Brazil MOU

- President Obama and President Rousseff agreed to cooperate in numerous areas
 - Strengthen U.S.-Brazil economic relationship
 - Air Transport Agreement
 - Trade and Economic Cooperation Agreement
- Share specific focus on creation of jet fuels
- Shared cooperation on R&D for the development of energy crops
- Worked multilaterally to advance global development of biofuels (standards)



Conclusion

- Brazil and U.S. have unique opportunities to advance biofuels around the world
- Commercialization has begun
- Public policy needs to deliver certainty and clarity

