



UNICA Ethanol Summit

Grand Hyatt Sao Paulo Hotel

June 6-7, 2011



Former Iowa Governor Chet Culver

President, The Chet Culver Group

Past Chair, U.S. Gov's Biofuels Coalition





GOVERNORS' BIOFUELS COALITION

- to increase the use of ethanol based fuels,
- to decrease the nation's dependence on imported energy resources,
- improve the environment and stimulate the national economy.
- to encourage ethanol fuel production and use through research and market development efforts; and
- to make investments in infrastructure to support expansion of the ethanol market.



President Obama's Commitment to Renewable Energy:

“To put people back to work today, and reduce our dependence on foreign oil tomorrow, we will double renewable energy production.”



U.S. Challenges / Progress:

Reduce dependence on foreign oil

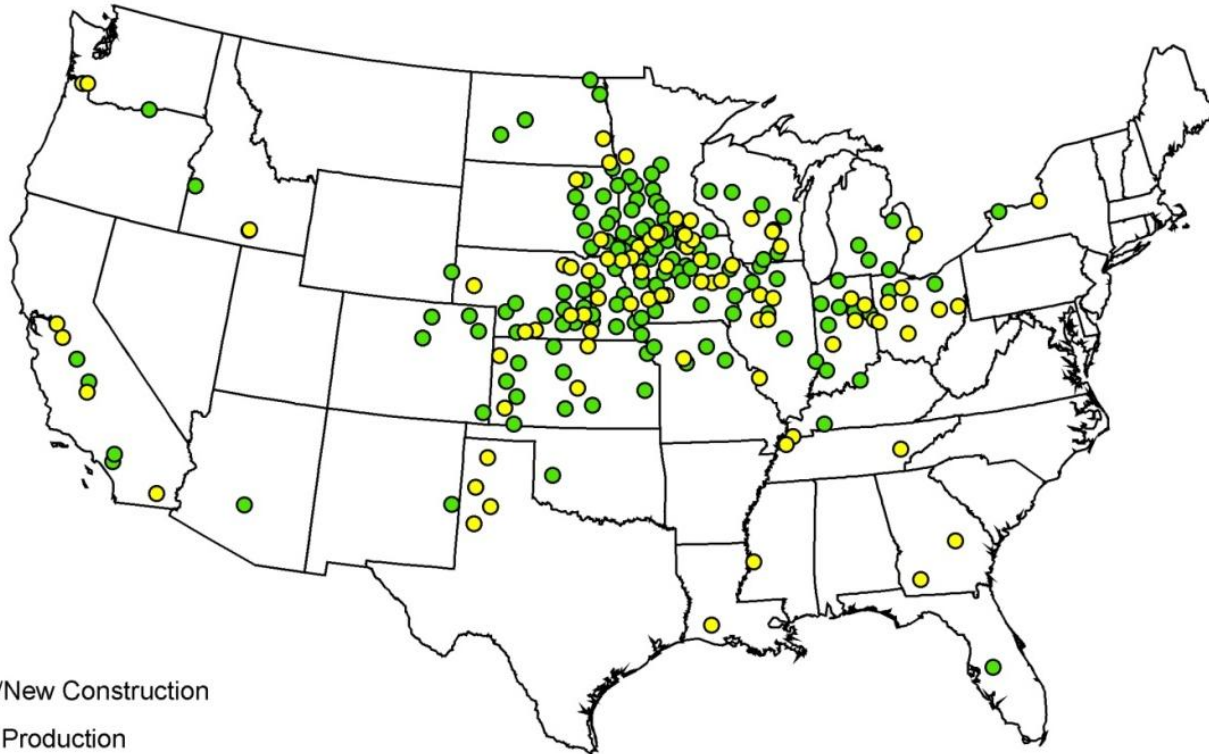


- The U.S. Renewable Fuels Standards (RSF2), as set out in the Energy Independence and Security Act of 2007 (EISA).



- The RSF2 became effective on July 1st, 2010,
- Mandate: the American economy will be using 36 billion gallons (bg) of renewable transportation fuel per year in its transportation fuel supply by 2022.

Iowa - U.S. Ethanol Industry



*** Est. 3.5 billion bushels of corn are used in producing fuel ethanol**

- Approximately 202 plants = 13.7 bg.
- Current ethanol capacity: 147 plants, 8.6 billion gallons/year
- 55 new ethanol plants and 6 expansion projects underway = total capacity under construction and expansion: 5.1 bg/year.
- Total production = 13.7 bg



Iowa Office of Energy Independence

IOWA POWER FUND

Since its creation, the Iowa Power Fund has invested more than **\$59.7 million** directly in **40** competitive projects, leveraging **\$546 million** in energy research and development, early stage commercialization and education. In Emmetsburg, Power Fund dollars are helping grow Iowa's biofuels economy with **POET Project Liberty**, the "bolt-on" transformation of a traditional ethanol biorefinery into an integrated corn-to-ethanol and cellulose-to-ethanol biorefinery. *To learn more, please go to:*

energy.iowa.gov



Power Fund Projects by Type

Project Type	Number
Biofuels	13
Wind	4
Solar	2
Energy Efficiency	5
Biomass	7
Transportation	2
Other (Training, Education, Polling)	6



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better world community!**



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