



United States Department of Agriculture
Research, Education, and Economics



Regional Feedstock Strategies for Growing America's Fuels

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Governors Biofuels Conference Call
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National Biofuels Strategic Plan

- President Obama's May 5, 2009 Memo directing formation of Interagency Working Group
- *Growing America's Fuels* released February 03, 2010 by the IWG
- Present agency coordination and implementation plans developed

President's Biofuels Interagency Working Group
Growing America's Fuels
The White House – February 03, 2010



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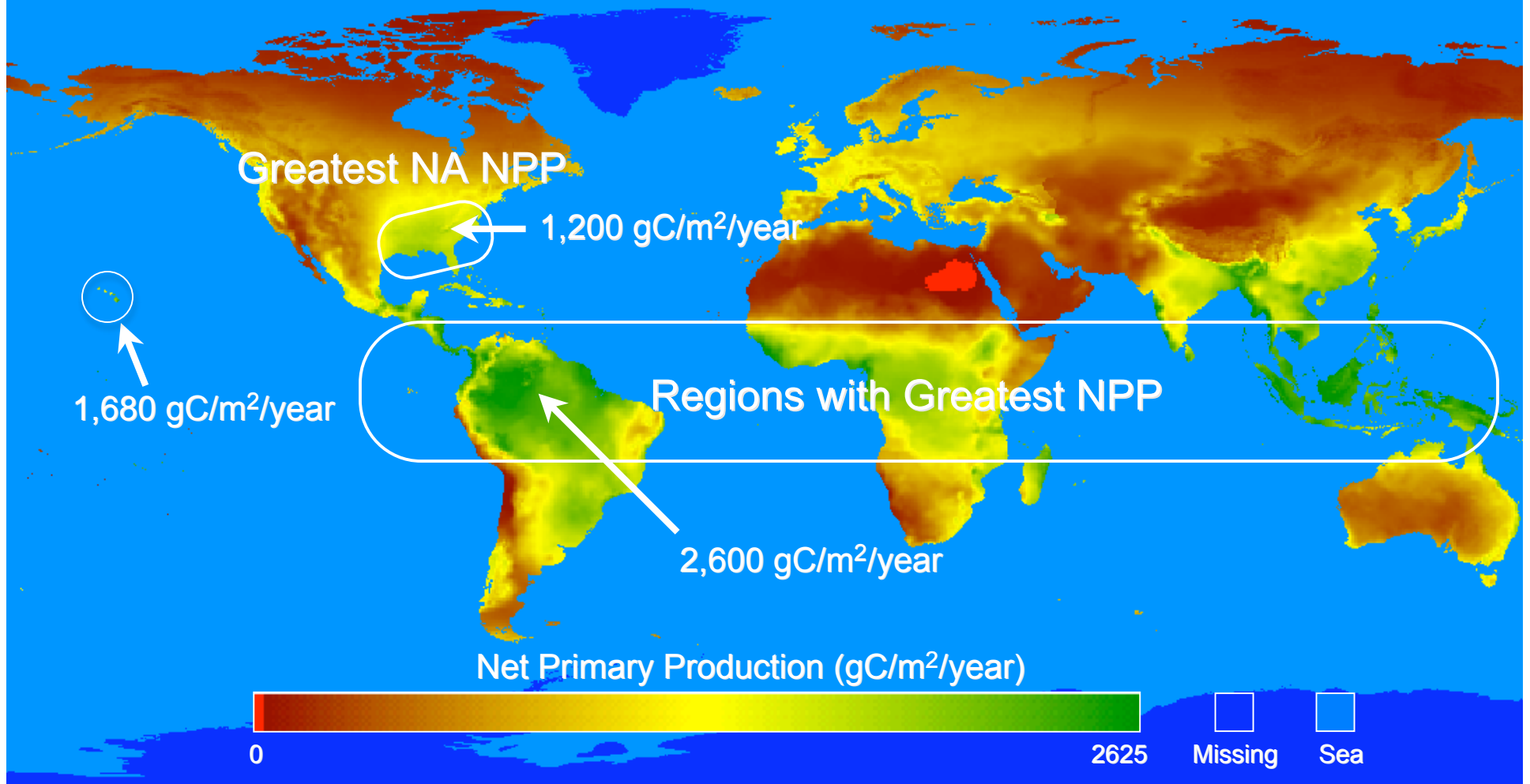
New Government-wide Approach

- Manage backwards from targets – use a supply chain systems approach
- Establish Lead Agency responsibilities for each supply chain segment – science with deliverables
- Focus resources on advanced biofuels – butanol, gasoline, diesel, & jet fuel
- Regionalized feedstock strategies – match biomass production with conversion systems to minimize transaction costs and create rural wealth

President's Biofuels Interagency Working Group
Growing America's Fuels

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Work with Natural Limitations



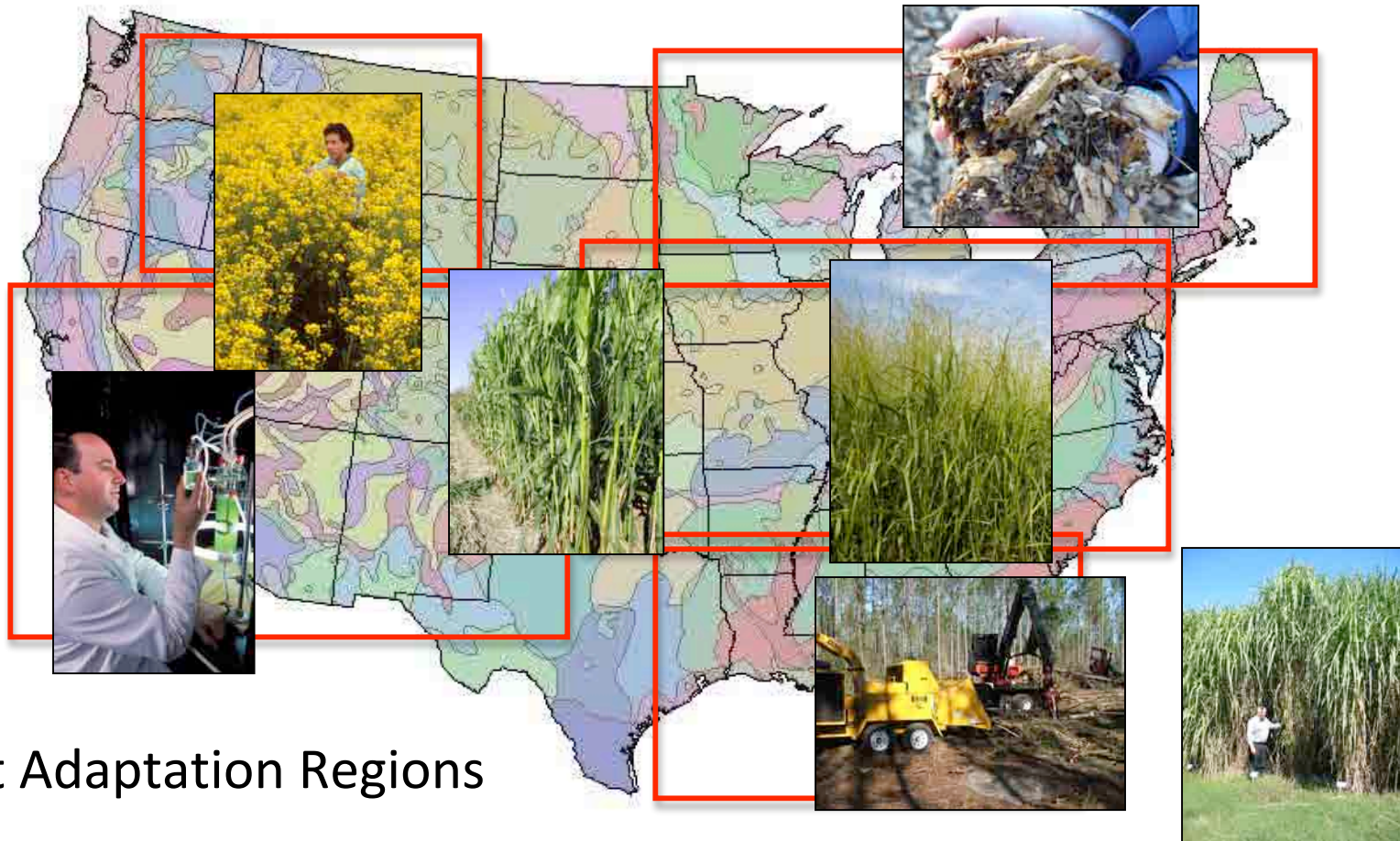


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Dedicated Biomass Crops



Plant Adaptation Regions



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Dedicated Biofuel Feedstock Crops

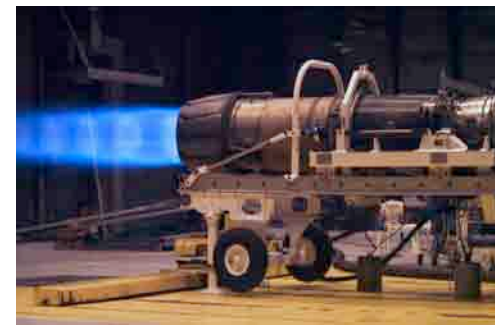
Energy Crop	Ethanol yield	Drop-in fuel yield	Annual production
	gallons/acre	gallons/acre	billion gallons
Sugarcane	1900	950	7.2
Woody biomass	1040	520	10.4
Perennial grasses	480	240	7.2
Biomass sorghum	480	240	1.2
Oil seed	0	70	0.5
Corn grain starch	430	215	15.0
Total			41.5



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Meeting National Biofuels Goals

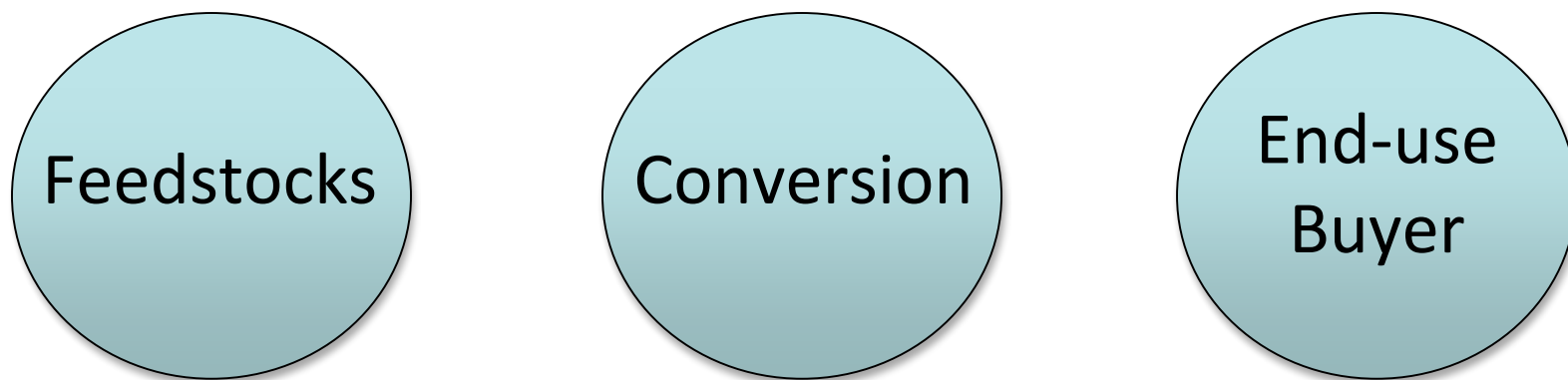




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Meeting National Biofuels Goals



A complete supply chain systems approach

USDA
research & grant
programs

USDA
conservation
programs

USDA biomass &
risk assistance
programs

DOD & DOE
research programs

USDA & DOE
commercial
programs

Fuel
purchase
guarantees

A whole-government effort to accelerate commercial
investment in biofuel production



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