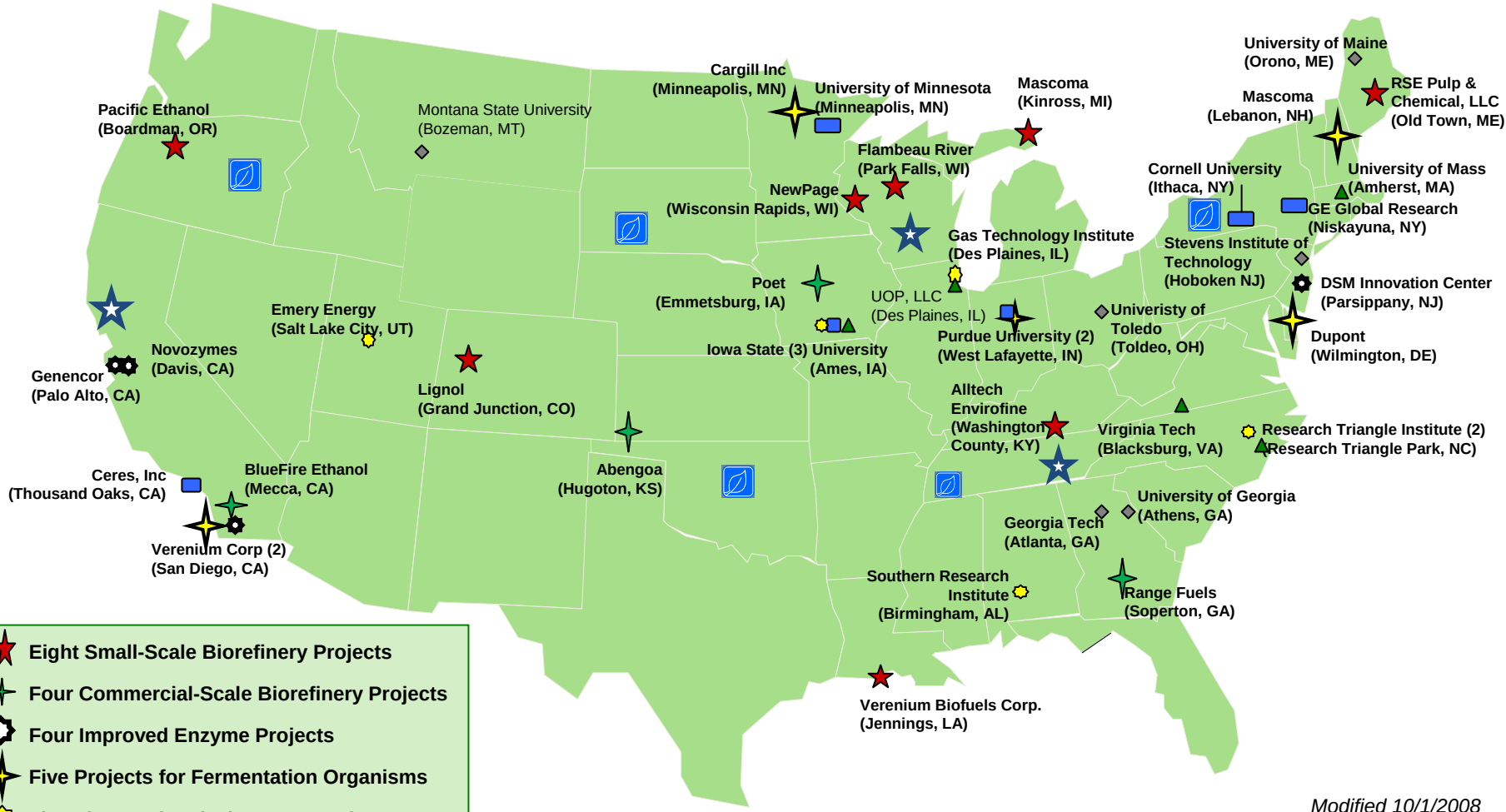
Track 2: Advanced Biofuels: Where We Are and Where We Are Going



Modified 10/1/2008

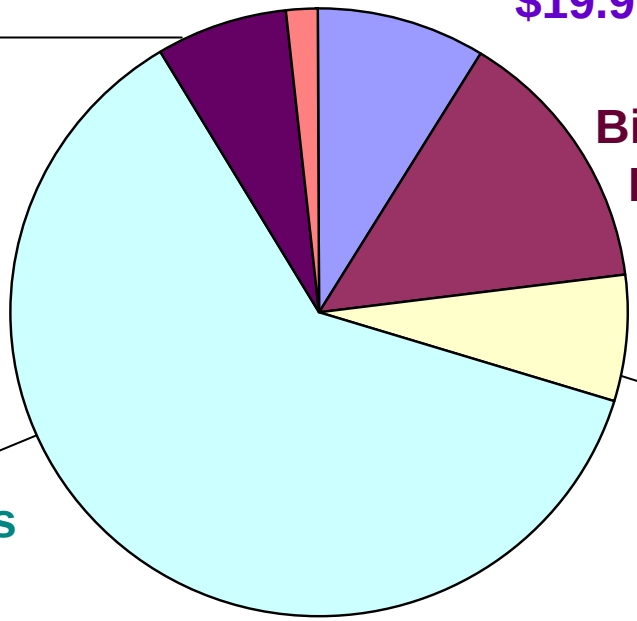
Office of Science Bioenergy Centers
DOE Great Lakes, Madison, WI
DOE Joint Bioenergy Institute, Berkeley, CA
DOE Bioenergy Science Center, Oak Ridge, TN

Regional Partnerships
South Dakota State Univ., Brookings, SD
Cornell University, Ithaca, NY
Univ. of Tennessee, Knoxville, TN
Oklahoma State Univ., Stillwater, OK
Oregon State Univ., Corvallis, OR

Biomass

Office of Biomass Program Plan for FY 2009

Biomass Budget Request, by Technology Area



SBIR/STTR
$3.8M

Thermochemical Platform R&D
$19.9M

Syngas & Bio-oil Production
- Gasification & Gas Clean-up
- Pyrolysis & Oil Stabilization

Products Development
$15.7M
- Fuels
- Chemicals
- Materials
- Other Products

Bioconversion Platform R&D
$32.1M

Low-Cost Sugars
- Pretreatment
- Enzymes
- Fermentation

Feedstock Infrastructure
$15.1M

Low-Cost Biomass
- Production
- Harvesting
- Collection & Storage
- Sustainability

Biorefinery Demonstrations
$138.4M
- Small commercial scale
- Demonstration scale
- Pilot Scale

Session Goal and Speakers

- NREL Current State of Technology for Biofuels
  Andy Aden – National Renewable Energy Laboratory

- Three Bioenergy Centers Updated
  Brian Davison – Bioenergy Science Center
  Timothy Donohue – Great Lakes Bioenergy Research Center
  Josh Heazlewood – Joint Bioenergy Institute

- Industrial Progress
  Jim Imbler – CEO, Zeachem
  Bill Roe – CEO, Coskata

Q&A to follow presentations