

**Sustainable Feedstock Resource Availability Session Overview**  
**Laura Neal, Biomass Program Feedstock Platform, Session Moderator**

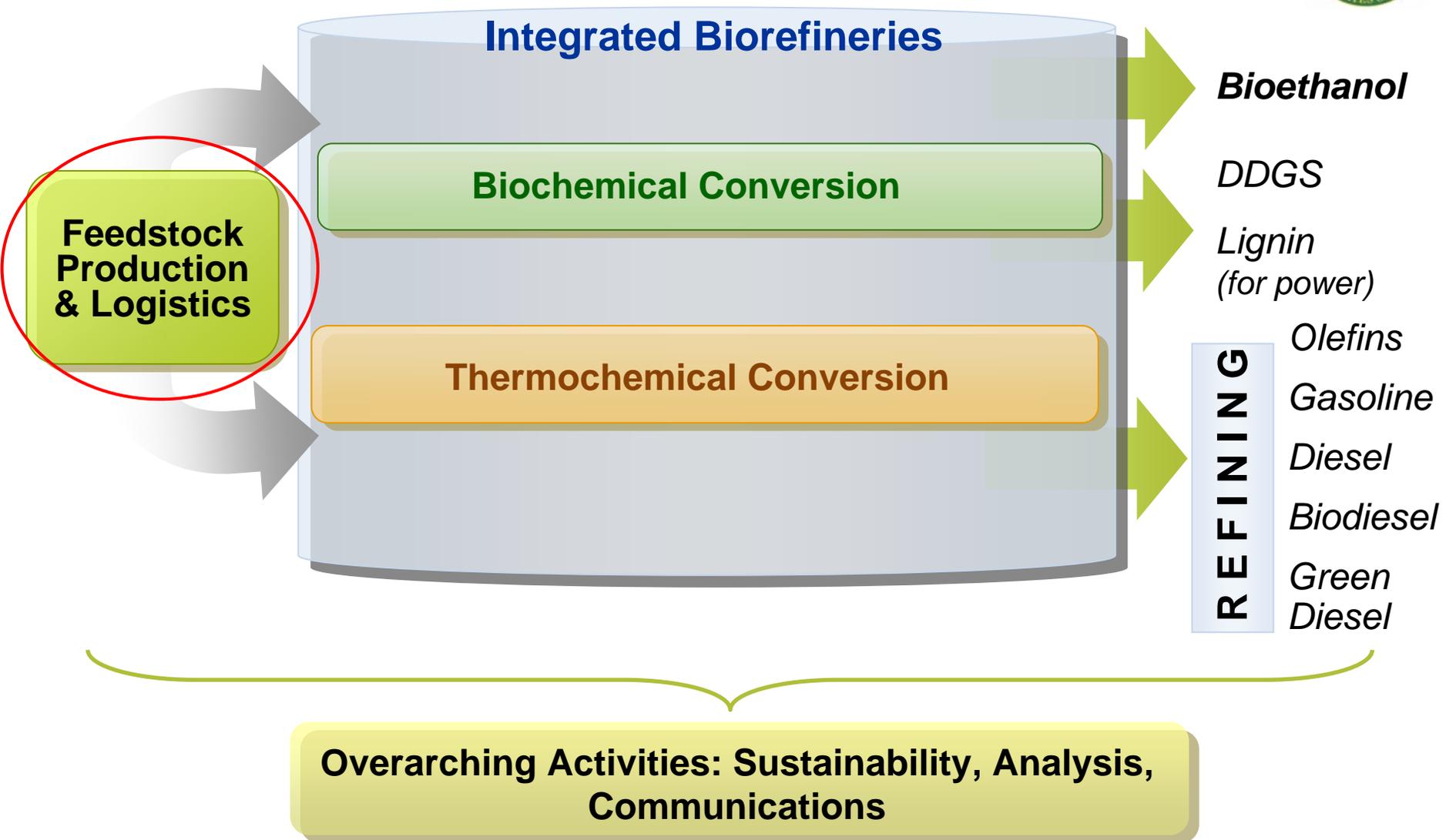
**U.S. Department of Energy**  
**Office of Biomass Program**  
**March 18, 2009**

# Welcome!

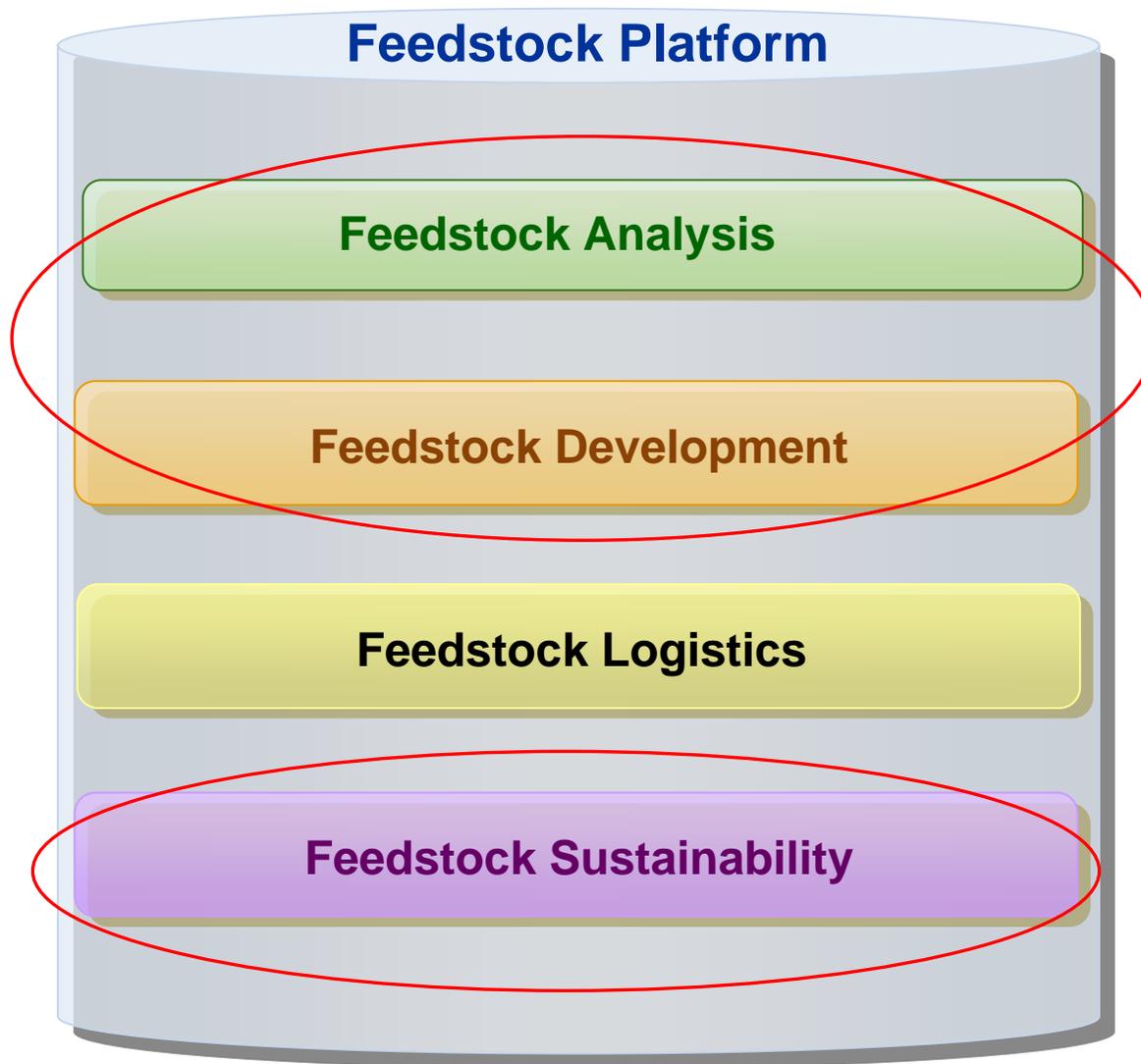


- Wednesday, March 18, 10:15 – 12:00
- Track 1: Sustainability III – *Sustainable Feedstock Resource Availability* – A discussion of the resources available to ensure a sustainable supply of feedstocks can be produced to meet increased biofuels demand.
- Moderator: Laura Neal, DOE Biomass Program
- Speakers:
  - Zia Haq, DOE Biomass Program
  - Robert Fireovid, USDA Agriculture Research Service
  - Vance Owens, South Dakota State University
- Focus on collaborative DOE Biomass Program feedstock resource assessment & resource development efforts, aimed at identifying current & potential feedstock availability on a cost-competitive, environmentally sustainable, and socially acceptable basis.

# Biomass Program Focus Areas



# Feedstock Platform Focus Areas



# An Integrated Federal Approach



- The Biomass Research and Development Board (Board) was created to coordinate federal research and development activities relating to biobased fuels, power, and products.
- Interagency groups have formed to address crosscutting challenges:
  - Feedstock Production
  - Feedstock Logistics
  - Conversion
  - Distribution
  - End Use
  - Sustainability
  - Environment, Health, & Safety
- **Members of the Biomass Research & Development Board:**
  - U.S. Department of Agriculture
  - Department of Energy
  - National Science Foundation
  - Environmental Protection Agency
  - Department of the Interior
  - Office of Science and Technology Policy
  - Office of the Federal Environmental Executive
  - Department of Transportation
  - Department of Commerce
  - Department of the Treasury
  - Department of Defense

# Regional Feedstock Partnership Activities



- Workshops held across each of the 5 regions to involve diverse stakeholders in identification of feedstock potential
- Biomass Resource Development
  - *Primary focus: Sustainable crop development*
  - Inventory existing plots from replicated field trials of dedicated energy crop & CRP lands
  - Agricultural residue removal tool
  - Conduct field trials
- Biomass Resource Assessment
  - *Primary focus: Identify sustainable feedstock supply*
  - Identify opportunities for feedstock utilization/production, as well as environmental & economic challenges to utilization
  - GIS-Based Framework
- Education & Outreach
  - Development/population of Bioweb
  - Extension
  - National SGI site to include Regional Feedstock Partnership efforts