

# Day 2 Report—Breakout Group: Feedstocks

## Top Advancement Activities Recommended by Group:

### 1. Demonstration and Development of Advanced Logistics Systems

- *Outcome:* Increase the rate of developing feedstock supply systems that can achieve cost, availability/reliability and consistency/quality in parallel with the development of biorefineries, so the systems are deployment-ready when biorefineries are ready (e.g., cattle feed, biopower/CHP markets)

## 2. Develop Feedstock Quality and Property Measurement Devices

- *Outcome:* Instruments that are adaptable to particular operations: fast, reliable, mobile, low-cost, widely available, attachable to farm equipment, easy to use, and provide wireless transmission of readings and results

## 3. Publish Annual Estimates of Costs and Conversion Efficiencies by Feedstock and Conversion Process

- *Outcome:* Provide a public reference for benchmarking feedstock and conversion economics and efficiencies
  - Identifies top R&D challenges and opportunities
  - Helps encourage investment
- Addresses the lack of reliable, comprehensive, transparent, widely available information on costs and conversion efficiencies at each stage of the supply chain

## 4. Engage Broader Spectrum of Biomass Feedstock Development Stakeholders

- *Outcome:* Development of a more integrated environment (or approach) that facilitates rapid deployment of the feedstock supply chain for biorefinery projects

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## Key Reflections:

- We need more economists/financing people to provide their perspective – this will help validate and spur investment
- Reliable data is key – critical for benchmarking, identifying barriers and opportunities, and spurring investment
- Opportunities to uncover nuisances and issues that could become opportunities for valuable products
- Feedstocks were identified as a major issue for all the groups – the feedstock is the first step