



**BIO
ECONOMY**

U.S. DEPARTMENT OF ENERGY

2017

Breakout Session 3A:
Understanding the
Environmental Potential of
a Billion Ton Bioeconomy

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Technology Manager
Terrestrial Feedstocks

Acknowledgements

- Breakout Session Speakers
 - Dr. Matthew Langholtz, ORNL
 - Dr. Deahn Donner, USFS
 - Dr. Doug Karlen, USDA-ARS
 - Ms. Jessie Stolark, EESI
- Breakout Session Support
 - Dr. Elizabeth Burrows (BCS, Inc.)
- Feedstock Supply and Logistics Team
 - Dr. Alison Goss-Eng: Program Lead
 - Dr. Steven Thomas: Technology Manager
 - Mr. Sam Tagore: Technology Manager
 - Dr. Bryce Stokes: Senior Advisor to BETO, AS&T
 - Dr. Art Wiselogel: Project Monitor, AS&T
 - Dr. Chenlin Li: M&O Contractor, INL

Agenda for Breakout Session

Time	Speaker	Affiliation	Presentation
1:45 – 1:50 pm	Dr. Mark Elless	BETO	Welcome & Introduction
1:50 – 2:10 pm	Dr. Matt Langholtz	ORNL	2016 Billion-Ton Report, Volume 2: Environmental Sustainability Effects of Select Scenarios from Volume 1
2:10 – 2:30 pm	Dr. Deahn Donner	USFS	Forest Biodiversity and Woody Biomass Harvesting – a review
2:30 – 2:50 pm	Dr. Doug Karlen	USDA-ARS	Landscape Design Implications of BT16 Volume 2
2:50 – 3:05 pm	Ms. Jessie Stolark	EESI	Policy Drivers for the Bioeconomy
3:05 – 3:15 pm	----- Q&A -----		

BT16 Volume 1 Confirmed Potential Availability of a Billion Tons by 2040

Feedstock	Current used resource (MDT)	Total base-case scenario (MDT)	Total high-yield scenario (MDT)
Forestry resources	154	251	230
Agric. resources	144	320	344
Waste resources	68	210	210
Energy crops	N/A	411	736
Total	365	1,192	1,520

MDT: Million Dry Tons



2016 BILLION-TON REPORT

Advancing Domestic Resources for a Thriving Bioeconomy
 Volume 2: Environmental Sustainability Effects of Select Scenarios from Volume 1

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