

## Bioeconomy Initiative Forum Agenda

**Day 1: September 15, 2020**

Start-End EDT	Agenda Item and speakers
1 p.m. – 1:15 p.m.	<p style="text-align: center;"><b>Welcome</b></p> <p style="text-align: center;">Overview of the event and overview of the Bioeconomy Initiative.</p> <p>Devinn Lambert, Operations Committee Liaison for the Biomass Research and Development (BR&amp;D) Board; U.S. Department of Energy (DOE), Bioenergy Technologies Office (BETO)</p>
1:15 p.m. – 2 p.m.	<p style="text-align: center;"><b>Bioeconomy at Scale Opening Reception Board Member Q&amp;A</b></p> <p style="text-align: center;">Opportunity for board member representatives to describe their agency's involvement with the bioeconomy and for participants to ask questions.</p> <p><b>Moderator:</b> William Goldner; Senior Advisor, Office of the Chief Scientist, U.S. Department of Agriculture (USDA)</p> <p><b>Biomass R&amp;D Board Representatives</b></p> <ul style="list-style-type: none"> <li>▪ Scott Hutchins, Co-Chair of the BR&amp;D Board &amp; Deputy Under Secretary for the Research, Education, and Economics Mission Area, USDA</li> <li>▪ Michael Berube, Acting Deputy Assistant Secretary for Transportation in DOE's Office of Energy Efficiency and Renewable Energy</li> <li>▪ Mark Brodziski, Deputy Administrator, Rural Business-Cooperative Service, Rural Development, USDA</li> <li>▪ Bill Hohenstein, Director, Office of Energy and Environmental Policy, USDA</li> </ul>
2 p.m. – 2:15 p.m.	<b>Break</b>
2:15 p.m. – 3 p.m.	<p style="text-align: center;"><b>Mitigating Risks and Barriers Panel</b></p> <p style="text-align: center;">Mitigating risks, through techno-economic and risk assessments, is a key priority of the Bioeconomy Initiative. This panel will explore how understanding and quantifying technology uncertainties and financial risks is pivotal to the success of the bioeconomy.</p> <p><b>Moderator:</b> Mark Elless , Technology Manager, DOE BETO</p> <p><b>Panelists</b></p> <ul style="list-style-type: none"> <li>▪ Jordan Solomon, Ecostrat</li> <li>▪ Tim Volk, State University of New York College of Environmental Science and Forestry</li> <li>▪ Chris Clark, U.S. Environmental Protection Agency (EPA)</li> </ul>
3 p.m. – 3:45 p.m.	<p style="text-align: center;"><b>Metrics and Indicators Panel</b></p> <p style="text-align: center;">As the bioeconomy evolves, it is critical to stay at the cutting edge of understanding and assessing potential environmental, social, and economic effects of various technologies and bioeconomy scenarios. This panel will focus on developing a catalogue of key metrics and indicators, as well as methods and guidance to support their application, to help identify best practices and maximize the benefits of the bioeconomy, while mitigating impacts.</p> <p><b>Moderator:</b> Brian Heninger Economist, EPA</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>▪ Esther Parish, Oak Ridge National Laboratory</li> <li>▪ Jeremy Guest, University of Illinois</li> <li>▪ Rolf Hogan, Roundtable on Sustainable Biomaterials</li> </ul>

## Bioeconomy Initiative Forum Agenda

### Day 2: September 16, 2020

Start – End EDT	Agenda Item and speakers
1 p.m. – 1:45 p.m.	<p style="text-align: center;"><b>Technological Breakthroughs that Underpin the Bioeconomy</b></p> <p style="text-align: center;"><b>Opening Reception Board Member Q&amp;A</b></p> <p>Opportunity for board members to describe their agency's involvement with the bioeconomy and for participants to ask questions, especially regarding potential partnership opportunities (questions submitted at time of registration and pre-selected by moderators).</p> <p><b>Moderator:</b> Valerie Reed, Deputy Director, DOE BETO</p> <p><b>Biomass R&amp;D Board Representatives</b></p> <ul style="list-style-type: none"> <li>▪ Daniel Simmons, Co-Chair of the BR&amp;D Board and Assistant Secretary for DOE's Office of Energy Efficiency and Renewable Energy</li> <li>▪ Sharlene Weatherwax, Associate Director, Science for Biological and Environmental Research, DOE</li> <li>▪ Gene Lester, Director, Directs Product Quality and New Uses and Biorefining and Biofuels National Programs, Agricultural Research Service, USDA</li> <li>▪ Richard Dickinson, Division Director of Chemical, Bioengineering, Environmental, and Transport Systems, National Science Foundation</li> </ul>
1:45 p.m. – 2:30 p.m.	<p style="text-align: center;"><b>Innovation and Technology Development Panel</b></p> <p>Performing innovative research and developing enabling platforms and applications is a critical factor to drive an innovation-based bioeconomy. This panel will highlight new advancements in basic and applied research across the bioenergy and bioproduct supply chain.</p> <p><b>Moderator:</b> Devinn Lambert Technology Manager, DOE BETO</p> <p><b>Panelists</b></p> <ul style="list-style-type: none"> <li>▪ Zia Abdullah, National Renewable Energy Laboratory</li> <li>▪ Todd Mockler, Benson Hill</li> <li>▪ Dr. Deepti Tanjore, Advanced Biofuels Process Demonstration Unit</li> </ul>
2:30 p.m. – 3:15 p.m.	<p style="text-align: center;"><b>Stakeholder Engagement and Technology Transfer Panel</b></p> <p>Strategic, sustained stakeholder engagement is essential to growing the bioeconomy to effectively reduce technology uncertainties and improve supply chain performance. Federal agencies, in collaboration with universities, industry, stakeholders, and non-governmental organizations, will need to build strong partnerships for technology transfer to the bioeconomy industry.</p> <p><b>Moderator:</b> Daniel Cassidy, National Program Leader, Forest Research and the Bioeconomy, National Institutes of Food and Agriculture, USDA</p> <p><b>Panelists</b></p> <ul style="list-style-type: none"> <li>▪ John Hannon, Vertimass</li> <li>▪ Ira Levine, University of Southern Maine</li> <li>▪ Lisa Schulte Moore, Iowa State University</li> </ul>
3:15 p.m. – 3:20 p.m.	<p style="text-align: center;"><b>Closing Remarks</b></p> <p style="text-align: center;">Devinn Lambert, Operations Committee Liaison for the BR&amp;D Board; DOE BETO</p>