Plant-based products and fuels have the potential to decrease U.S. dependence on petroleum feedstocks, improving energy security, reducing greenhouse gas emissions, and creating new industries. However, the pandemic and other uncertainties have significantly impacted the industry, from the availability of funds to the ability of businesses to survive.

The 2020 virtual workshop will bring together experts and interested parties from industry, academia, and state and federal agencies to discuss these challenges and brainstorm the technology, research, and government initiatives needed to address them. From these facilitated discussions, we will produce a report that will help entrepreneurs, policy makers, and regulators develop strategies for moving forward.

**Agenda | 9:00 am – 12:00 pm**

**KEYNOTE ADDRESS**

**Developments in Bio-based Materials Markets**  
Doris de Guzman | *Green Chemicals Blog & Bio-Materials Division of Tecnon OrbiChem*

**Targeting Solutions for Components of the Bioeconomy**  
Ajay Shah | *Ohio State University*

**BREAKOUT SESSIONS**

- **Breakout 1: Biobased products and fuel**  
  Facilitated by: Denny Hall, *Ohio State University*

- **Breakout 2: BioSystems logistics from crops to market**  
  Facilitated by: Jill Adelsberger, *Cargill*

- **Breakout 3: Policy and governance**  
  Facilitated by: TBD

*See page 2 for descriptions of topics*

**Summary from each breakout discussion**

Facilitators

**Panel discussion and Q&A**

Facilitators and all participants

**REGISTRATION**

Cost: $25 per person  |  Online registration: Coming Soon!

OR, print and complete this form. Mail with payment (no credit cards) as indicated.

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Choose breakout session (#1, 2, or 3): ********

Make checks payable to: OSU  
Send form and check to:  
Mary Wicks | FABE/OARDC/OSU  
1680 Madison Avenue  
Wooster, Ohio 44691
DESCRIPTIONS OF CONCURRENT BREAKOUT SESSIONS:

Breakout 1: **Biobased products and fuel**  
*Facilitated by: Denny Hall, Faculty Emeritus, Ohio State University*

Plant-based materials need to be competitive on both performance and price. Although polls of consumers indicate they are willing to pay more for sustainable products, how can bioproducts and biofuels be more attractive or competitive? How can producers increase their flexibility and resilience, such as ethanol plants producing hand sanitizer when public health concerns increased demand while fuel demand decreased? What is needed to help companies transition from pilot to commercial scale?

Breakout 2: **BioSystems logistics from crops to market**  
*Facilitated by: Jill Adelsberger, Sales Leader, Cargill Inc.*

Improving the efficiency of handling and transporting feedstocks, storage, pretreatment, and distribution can have a significant impact on the value chain of plant-based materials. Increasing flexibility within these systems can allow companies to meet rapidly changing demands, especially in times of crisis (e.g., COVID-19 pandemic). What changes are needed to increase the capacity of farming systems to absorb these shocks? What is needed to help companies identify new opportunities quickly? How might machine learning or other technologies contribute to a more efficient, flexible and robust system?

Breakout 3: **Policy and governance**  
*Facilitated by: TBD*

Changing priorities and policies at state and federal levels can affect the direction of the bioeconomy and help bridge the gap from product development to commercial production. What policies are needed to provide a better support framework for both the biofuel and bioproduct sectors? Should governments focus their resources on one sector or both? How can different types of financial support, such as tax incentives, subsidies, or research funding, be used most effectively?

ATTENDING THE VIRTUAL CONFERENCE:

You will receive instructions for connecting online and/or by phone approximately one (1) week before the workshop.  
When registering, please choose which breakout session you plan to attend as each will have a separate login.

QUESTIONS?

Contact: Mary Wicks | wicks.14@osu.edu | 330.202.3533

ORGANIZED BY:  

**The Ohio State University**  
College of Food, Agricultural and Environmental Sciences

With support from:

Ohio Soybean Council