

Sustainable Chemistry in RD&D to Transform the Chemicals Industry Roundtable

Co-hosted by DOE/EERE Industrial Efficiency and Decarbonization Office and the Green Chemistry & Commerce Council

Hosted in-person at the DoubleTree by Hilton Hotel, Crystal City, Arlington, VA.

March 7th, 2023: 9:00 AM – 6:00 PM ET

AGENDA

Time EST	Activity
9:00 AM – 9:20 AM	DOE Welcome
9:20 AM – 9:30 AM	GC3 Welcome
9:30 AM – 10:00 AM	Environmental Justice (EJ) Keynote
10:00 AM – 10:05 AM	Roundtable Logistics and Facilitation
10:05 AM – 11:05 AM	<p>Panel Discussion with Sustainable Chemistry Thought Leaders</p> <ul style="list-style-type: none"> • How can leveraging sustainable chemistry practices in manufacturing promote environmental justice? • How can we develop safer chemicals and manufacturing processes that are resilient, reduce impacts to the environment and reduce use of natural resources? • How can we reduce impacts to communities that are in close proximity to manufacturing sites?
11:05 AM – 11:15 AM	BREAK

<p>11:15 AM – 12:15 PM</p>	<p>Facilitated Discussion – Round 1</p> <p>Opportunities and challenges to leverage sustainable chemistry for a carbon neutral economy by reducing the adverse impacts of chemicals on human health & the environment.</p> <p>Facilitated Discussion Questions:</p> <ul style="list-style-type: none"> • What sustainable chemistry practices are needed to achieve decarbonization goals across the value chain? • What innovative sustainable chemistry technologies or approaches address those needs? What additional information or research is needed? • What are some of the challenges companies are experiencing in accessing these technologies or approaches?
<p>12:15 PM – 1:15 PM</p>	<p>LUNCH included with registration</p>
<p>1:15 PM – 2:15 PM</p>	<p>Lightning Round Presentations with Technology Leaders</p> <p>Lightning round presentations from technical leaders in sustainable chemistry on innovative technologies, research and investment needs, and how government could help address them.</p> <ul style="list-style-type: none"> • 3-4 presenters + 10 min presentation with 15 min combined Q&A
<p>2:15 PM – 3:15 PM</p>	<p>Facilitated Discussion – Round 2</p> <p>Goals and metrics to link sustainable chemistry to decarbonization and environmental justice</p> <p>Facilitated Discussion Questions:</p> <ul style="list-style-type: none"> • How do we quantify the EJ benefits/impacts of sustainable chemistry? • How do we quantify the decarbonization benefits/impacts of sustainable chemistry?
<p>3:15 PM – 3:30 PM</p>	<p>BREAK</p>

<p>3:30 PM – 4:30 PM</p>	<p>Facilitated Discussion – Round 3 Public and private sector needs and incentives for sustainable chemistry</p> <p>Facilitated Discussion Questions:</p> <ul style="list-style-type: none"> • How do we accelerate RD&D and advance EJ concepts in sustainable chemistry? • How do facilitate collaboration between sustainable chemistry stakeholders?
<p>4:30 PM – 5:00 PM</p>	<p>Next Steps, Closing Remarks, and Adjourn</p>
<p>4:45 – 6:00</p>	<p>Reception included with Registration</p>

A summary report will be drafted for posting on IEDO website following the meeting. Roundtable attendance will be included in the report. Specific comments during the facilitated discussion will not be identified by individual (e.g.no discussion attribution).