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Green Chemistry & Commerce Council

MEMBER QUERY

The GC3 Sustainable Chemistry Alliance works in Washington, DC to advance policies that support sustainable chemistry innovation. We have seen significant progress this year, despite all the COVID-19 challenges, with the current inclusion of the Sustainable Chemistry R&D Act in both House and Senate versions of the must-pass National Defense Authorization Act legislation which specifies the annual budget of the U.S. Department of Defense. We are also advocating to set up a sustainable chemistry grant program in the Department of Energy's Advanced Manufacturing Office, working with appropriators to designate funding for this program.

As we look ahead to our policy work over the next 12-18 months, we are exploring several new policy priorities and we are seeking to learn more about GC3 members' activities in these areas.

Safer Choice Program

We are interested in knowing **how GC3 members utilize the Safer Choice program to promote products and to encourage their supply chains to produce ingredients that qualify for Safer Choice labeling**. We are particularly interested in examples of how Safer Choice enhances your B-to-B marketing or helps guide communications with your suppliers.

- As an example, a chemical company develops a brochure for its product manufacturing customers that highlights which chemical ingredients qualify for Safer Choice

Climate

We want to learn more about **what role sustainable chemistry can play in reducing or mitigating greenhouse gas (GHG) emissions at any point in a product lifecycle** - R&D, manufacturing, formulation, transport and storage, product use and end of life.

- Examples might include sustainable chemistry alternatives that:
 - Reduce the energy consumed in the manufacturing process, such as improved catalysis, or reduce energy consumption in a subsequent processing step
 - Reduce chemical GHG emissions (e.g. reduce methane generation and emissions or create lower GHG chemical ingredients or products)
 - Reduce transportation energy use or improve the energy efficiency of built structures.
 - Facilitate mitigation of greenhouse gas emissions such as carbon capture and transformation or storage
 - Facilitate adaptation to the effects of climate change such as more extreme weather and sea level rise.

Plastics

Given the enormous public interest in this issue, we would like to know about **how sustainable chemistry can help address the problem of plastics waste**. Please share examples where you may be:

- Developing alternatives to existing plastics, including biobased plastics
- improving the recycling of plastics in post-consumer packaging or non-packaging uses

Please take a few minutes to [reply to this email](#) and help us learn the depth and breadth of work that GC3 members are doing in this area. These examples will help us develop a broader understanding of these policy issues as we map out future Alliance priorities.

Contact

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