

An Agenda for Mainstreaming Green Chemistry

GC3 Innovators Roundtable, 2015

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Mainstreaming Green Chemistry Project Overarching Questions:

- What can be done to make all chemistry green chemistry?
- What are the current barriers and drivers?
- What partnerships will have to be built, policies put in place, educational needs met, and investments made?
- What role should the GC3 take?

Mainstreaming Green Chemistry

when all chemistry

=

green chemistry

Mainstreaming GC Project

Member Survey on Drivers, Barriers, Needs

+

Input from Advisory Committee

+

Discussions at Roundtables

+

Interviews with Thought Leaders

+

Original Research



AGENDA FOR MAINSTREAMING GREEN CHEMISTRY



What is the GC3 Agenda for Mainstreaming GC?!

A document that:

- Makes the case for green chemistry
- Identifies strategies and actions to accelerate green chemistry innovation and adoption

Components

- Defines Green Chemistry
- Introduces GC3
- Describes Benefits
- Identifies Barriers and Drivers
- Recommends 5 Strategies to Mainstream
- Lays out GC3 Action Plan
- Describes How to Measure Progress



5 Key Strategies

1. Understand the Marketplace

To understand the marketplace, the GC3 calls for research and dialogue among stakeholders to understand issues...



5 Key Strategies

2. Support Smart Policies

The GC3 calls for and will support state and federal policies ...



5 Key Strategies

3. Foster Collaboration

The GC3 supports the convening of strategic engagements within and among supply chains and industry sectors and involving other key stakeholders...



5 Key Strategies

4. Inform the Marketplace

The GC3 supports the dissemination of information to support green chemistry education, research, and practice...



5 Key Strategies

5. Track Progress

The GC3 supports the development and use of green chemistry metrics...



Action Plan

- Support proposed federal “Sustainable Chemistry R&D Act” or similar legislation
- Build and use GC3 Innovation and Education Portals
- Create GC collaborations guidance document
- Engage with Federal funding agencies
- Engage GC3 members in speaking out

Action Plan

- Undertake at least one new collaborative supply chain project
- Continue and expand RLC dialogues
- Hold White House Summit on GC education
- Collaborate with others to develop shared understanding and consensus around terms
- Benchmark progress

Next Steps

- Input at Roundtable:
 - mark up handout (*are we heading in the right direction, did we miss anything, etc?*)
 - discussions
 - break out session
- Additional interviews
- Finalize document
- Publicize
- Implement



Table Discussion

- Have you/your organization identified processes to accelerate the growth and availability of green chemistry?
- Is there any one person or organization that has helped or influenced you in this process?
- How can the GC3 help to implement these accelerators?