



## ACS Green Chemistry Institute ®



American Chemical Society  
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Dear Green Chemistry Stakeholder:

The ACS Green Chemistry Institute® (ACS GCI) in cooperation with NSF International is undertaking a major initiative to develop a Sustainable Chemical and Process Technology Standard(s) for the chemical industry in accordance with American National Standard Institute (ANSI) procedures for consensus standards development. This effort will address the growing market demand for products that have a reduced environmental impact.

This proposed American National Standard will be developed to document and improve the sustainability profile of chemical products and manufacturing process technology using the principles of green chemistry and green engineering along with advanced sustainability standards. The purpose of the Sustainable Chemical and Process Standard is to establish consistent requirements for sustainable chemical products and production technology. These requirements are intended to form the basis of conformity assessment programs, such as third-party certification or registration. The Sustainable Chemical and Process Standard is intended, in part, to demonstrate how chemical products can conform to the environmental, economic, and social principles of sustainability throughout the supply chain; and to encourage participation by all chemical manufacturers to maximize impact reductions and enhance environmental accomplishments.

We would like to convene a kick-off meeting of interested stakeholders in early March, 2009. At this initial stakeholder meeting, we will refine the concepts to be addressed by the standard, and form work groups to undertake the development of specific topics to be covered by the standard. The process that will be used for development of the standard and formation of the consensus body that will oversee the standard will also be reviewed. All meetings for development of the standard will be open to any interested stakeholders.

Time commitments for the standards project are anticipated as follows: two face to face meetings in 2009 (kick-off meeting and consolidation/review meeting in fall 2009), plus teleconferences to advance the standard development process. Participants will be assigned to workgroups to develop the details for all attributes of the standard. NSF International will be the ANSI standard administrator and Georgina Sikorski of Project Consultants and Associates will be the project manager. A commitment of your talent and time is essential to deliver a leadership standard in 2010. If you are not the right contact for your organization, please pass this important organizational information along.



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One of the first steps in this consensus process is the creation of a balanced consensus body, known as a Joint Committee, who will be responsible for developing the Standard. The Joint Committee will:

- Develop a multi-attribute Standard(s) that references state-of-the-art technology, LCA methodology, and the scientific principles of green chemistry and green engineering.
- Identify and organize key performance criteria and quantifiable metrics throughout the value chain. The Joint Committee will establish benchmarks for all performance criteria.
- Develop a single, easy to use rating system. This rating system may be pass-fail or multiple achievement levels and make use of graphical summaries in order to be able to measure performance, provide clear and concise communications and provide a path for continuous improvement.

If you would like to apply for consideration to be a voting member of the Joint Committee, please complete and return the attached application for Joint Committee membership to Jane Wilson of NSF as noted on the application.

Please also advise if you are interested in attending the first organizational meeting to be held in late February or early March by sending a reply to Georgina Sikorski at [gsikorent@aol.com](mailto:gsikorent@aol.com)

Sincerely,

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