ACS GCI Hydraulic Fracturing Roundtable

THE ACS GCI HYDRAULIC MANUFACTURING ROUNDTABLE BRINGS TOGETHER LEADERS IN THE INDUSTRY UNITED BY A SHARED COMMITMENT TO INTEGRATE THE PRINCIPLES OF GREEN CHEMISTRY AND ENGINEERING INTO HYDRAULIC FRACTURING.

OUR MISSION

To systematically integrate green chemistry and engineering principles into the chemical supply chain for hydraulic fracturing. This scientific collaboration will seek to enable informed decisions about those chemicals commonly employed in hydraulic fracturing and will work to promote the prioritized development of more sustainable chemical alternatives.

STRATEGIC PRIORITIES

- To develop and disseminate scientific information related to the application and impact of green chemistry and engineering principles in the chemical supply chain for hydraulic fracturing.
- To provide scientific framework and tools to facilitate the integration of green chemistry and engineering principles into hydraulic fracturing.
- To identify, assess and prioritize chemicals in the hydraulic manufacturing process that may warrant more sustainable alternatives.
- To inform and help shape the research agenda of industry, government, and other organizations to address the needs for more sustainable hydraulic fracturing.
- To promote effective communication and collaboration with key stakeholders, as appropriate, to facilitate the integration of green chemistry & engineering principles into the chemical supply chain of hydraulic fracturing.
- To encourage the use of innovative additive technology which may be used in hydraulic fracturing.
- To foster high-quality, risk-based, evidence-based, scientific approaches to green chemistry and engineering in the pursuit of more sustainable practices in hydraulic fracturing.

To join the ACS GCI Hydraulic Fracturing Roundtable or for more information, contact gciroundtables@acs.org, or 202-872-6102.
ROUNDTABLE PROJECTS
• Define green chemistry and engineering research needs for the hydraulic fracturing industry and enable research to advance the implementation of newer technologies.
• Compile and publish examples demonstrating how companies are integrating green chemistry and engineering principles into the chemical supply chain of hydraulic fracturing.
• Explore metrics used by Roundtable members to assess the sustainability of the hydraulic fracturing process and associated chemicals.

ROUNDTABLE MEMBERSHIP
• The ACS GCI Hydraulic Fracturing Roundtable welcomes activate participation of member companies that pledge to contribute to the roundtable mission through their knowledge, experience and financial support.
• Eligible companies are defined as meeting NAICS codes or are a manufacturer of chemicals in direct supply to a company in one of the following NAICS codes:
  211111: Crude Petroleum & Natural Gas Extraction
  213112: Support activities for oil and gas separations
• At least one in-person meeting per year; Virtual meetings held monthly
• Each company may designate employees to participate
• Required membership contributions range from $1,000-$25,000 depending on net global sales relating to hydraulic fracturing and the price of oil.

ROUNDTABLE MEMBER COMPANIES

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