

2025
SAFER
CHEMISTRY
CHALLENGE
PROGRAM
TO REDUCE TOXIC
CHEMICAL USE IN
COMMUNITIES

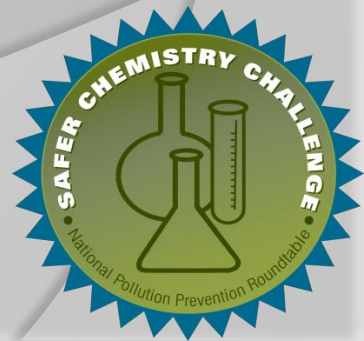
*A program of the National
Pollution Prevention Roundtable*





Topics Covered

- Overview of the NPPR Safer Chemistry Challenge Program
- Benefits of reducing chemical use
- EPA Great Lakes Restoration Initiative grant
- Community based activities
- Success story: Washing Systems



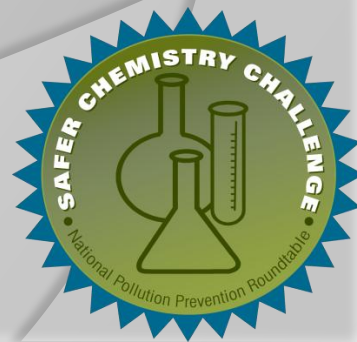
Program Goals and Objectives

The Safer Chemistry Challenge Program (SCCP) is designed to motivate, challenge, assist, and recognize facilities that reduce the use of toxic chemicals of concern to human health and the environment.

- 10% by 2015
- 20% by 2020
- 25% by 2025



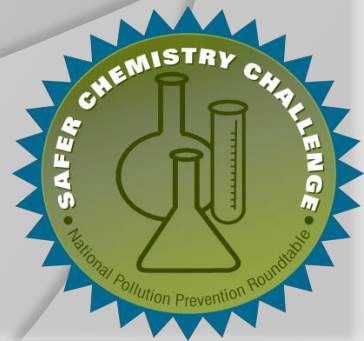
Baseline year of 2010





Core Elements

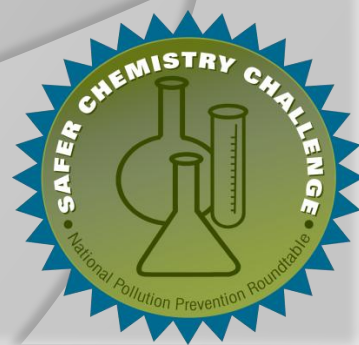
- Toxic chemical reduction focused
- Pollution prevention or source reduction reliant
- Recognizes leadership for safer chemistry performance
- Voluntary, collaborative, and member driven
- Reductions must be achievable, measureable, and verifiable





Technical Advisory Panel

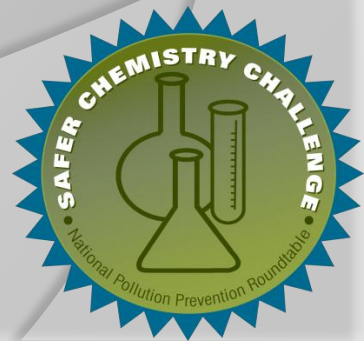
- Roles: Assist in identifying the barriers faced by industry and potential solutions as they transition to safer chemistries
- Members:
 - Barbara Hanley, Hewlett Packard
 - Gabe Wing, Herman Miller
 - Roger McFadden, Staples
 - Teresa McGrath, NSF International
 - Paul Richard, Babcock Warner Institute
 - Al Innes, MN Pollution Control Agency



Benefits of Reducing Chemical Use



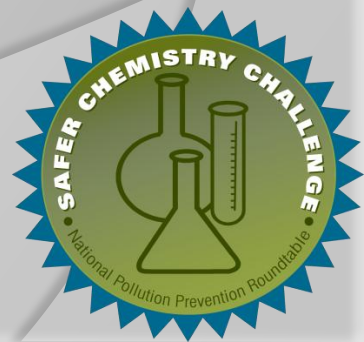
- Saves money
 - Material and energy savings
 - Reduced regulatory costs
- Creates market opportunities
 - Capturing new markets
 - Developing new products
- Enhances user/consumer safety
- Improves worker health
- Greater environmental stewardship
- Improves brand and reputation





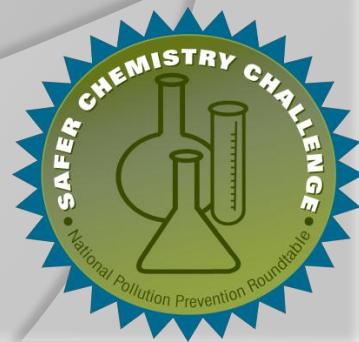
Approaches/Strategies

- Establish collaboratives between relevant associations, EPA, and NPPR-SCCP
- Work with supply chains
 - List of restricted substances for suppliers
 - Undesirable chemicals in products and transition
- Chemicals of concern \Rightarrow products \Rightarrow sector \Rightarrow associations
- Partnering between state green chemistry programs, EPA, and NPPR-SCCP
- Focus on geographical regions



Industry Engagement

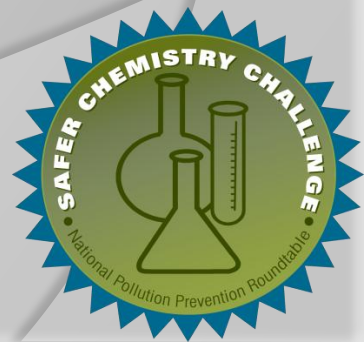
- Trade and industry associations
- Stewardship Action Council (SAC)
- Green Chemistry and Commerce Council (GC3)
- BizNGO
- Council of Great Lakes Industries
- State technical assistance programs



Focus Area: Great Lakes Initiative



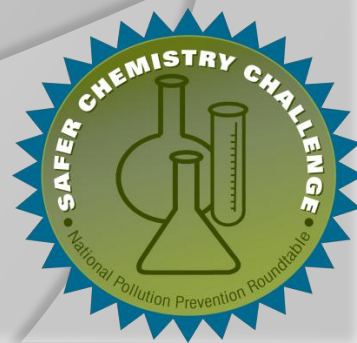
- Support from EPA Great Lakes Restoration Initiative over three years
- Objective: Advance the adoption of safer chemistries in the manufacture and use of products
- Activities:
 - Deliver six GreenScreen training workshops
 - May 8, 2012, Ann Arbor
 - Nov 15, 2012, Chicago
 - Carry out two green chemistry conferences
 - Nov 13-14, 2012, Chicago
 - Webinar series (spring and fall)
 - Recruit 100 SCCP industry members



GLRI Partners



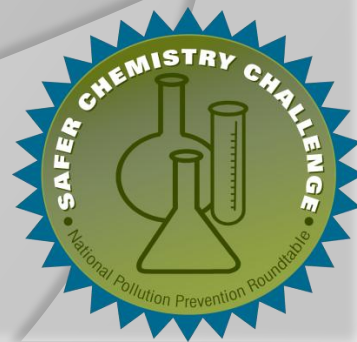
- Great Lakes Regional P2 Roundtable (GLRPPR)
- Clean Production Action (CPA)
- Great Lakes Green Chemistry Network
- Great Lakes state technical assistance programs (TAPs)
- Trade and industry associations





Community Based Activities

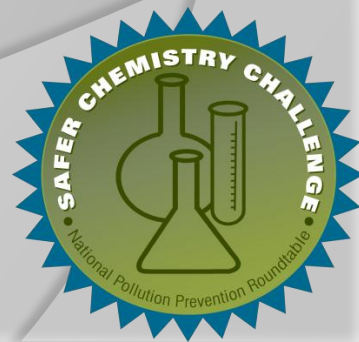
- Identify local partners for marketing and promotion
- Use of local media
- Reach out to TRI companies
- Make use of recognition programs
- Involve companies in training workshops, webinars, and conferences





Steps to Participate

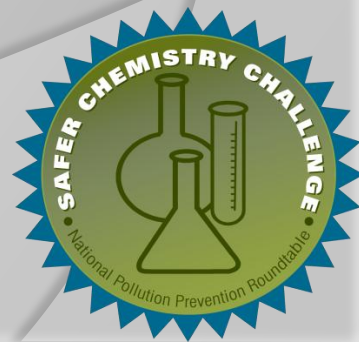
- Complete application and sign commitment form
- Partner with state or local technical assistance program to identify safer alternatives
- Develop and implement action plan
- Report results to NPPR
- Get recognition and communicate achievements



SCCP Services



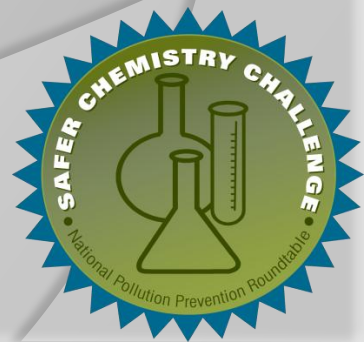
- Resources
 - 7 steps to success
 - Sample action plan
 - Success story template
- Tools to eliminate chemicals of concern at the design stage
 - GreenScreen
 - EPA Design for the Environment
- Technical assistance program expertise
- Recognition – national and state





Alliance Members

- Roles:
 - Market events such as webinars, trainings, and conferences
 - Promote safer chemistry to local industries
 - Provide technical assistance where possible
 - Link SCCP members to local recognition programs
- Great Lakes states: IL, IN, MN, MI, WI, OH, NY
- CT, KY, , NE, NJ





Fee Structure

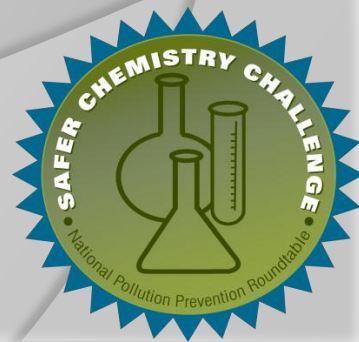
Individual Facilities

- <100 empl: \$500
- 101-499 empl: \$800
- 500+ empl: \$1,500

Multiple Facilities

- 2-5 facilities: \$2,000
- 6-10 facilities: \$3,000
- 11+ facilities: \$5,000

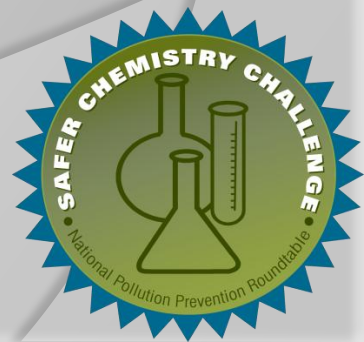
No fee for Alliance members or industry in the Great Lakes basin during the GLRI grant



Member Success Story: Washing Systems



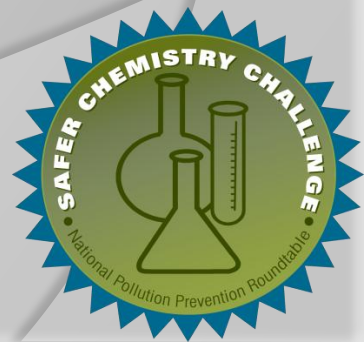
- Washing Systems is a formulator of innovative cleaning products for the commercial laundry industry
- Work with their customers for more efficient cleaning and reduce chemicals of concern including phosphates, NPE, butyl cellosolve, EDTA, and petroleum based solvents
- Worked with one customer, Cintas, and Washington State -- eliminated 25,000 gal of detergent that contained nonlyphenol ethoxylate (NPE) in the laundry process



Synergize State and Industry Efforts to Reduce Chemical Use



- Increase chemical transparency--identify and disclose chemicals in products of concern
- Transition to cleaner processes, including adopting greener, more sustainable technologies
- Use green chemistry tools and designs that avoid the use and generation of toxic chemicals
- Select and use safer alternatives, and more sustainable materials



Contact Information



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