



# Northwest Green Chemistry

Northwest Green Chemistry (NGC) is evaluating innovative technologies, providing education and training, and forging partnerships between industry, government, and non-governmental organizations.

## Guidance for choosing safer products



NGC works with manufacturers to evaluate safer chemical alternatives and methods that eliminate the need for hazardous chemicals. NGC uses this information to develop guides that help consumers select safer products.

For example, NGC worked with manufacturers and partners in the boating community to create a guide for alternatives to copper-based antifouling paint. The guide helps boat owners select effective antifouling treatments that are less toxic to aquatic life.

## Workshops and webinars



NGC offers workshops and webinars to introduce concepts like toxicology and safer chemical design to professionals who design chemicals, formulations, and products.

A recent 2-day workshop included hands-on activities with tools and predictive modeling to help scientists gain a better understanding of the subject matter.

Broader roundtable workshops bring together a wide audience to network and discuss specific topics.

## Technical assessment services



NGC helps manufacturers evaluate new technologies, products, and chemicals. They assist with toxicity testing, chemical hazard assessment, and connecting companies with available pilot projects.

For example, a current pilot project tests zinc-free marine piling fenders against traditional rubber tire fenders. The pilot tests not only the fender's performance at port; NGC also partnered with a Washington university to screen the product for toxic effects.