



Each month you'll receive insights, stories, and more exploring our work to cultivate a more sustainable New York. It's a simple and to-the-point way to stay connected with the breakthrough ideas and emerging challenges that drive our partnerships with businesses and communities across the Empire State.

## News

### Available Funding for Life Cycle Assessments!



A Life Cycle Assessment (LCA) can provide valuable information when evaluating the environmental impacts of a manufacturing process, an industrial activity, a supply chain, or an individual product.

NYSP2I's certified LCA professionals perform LCAs to provide our clients with clear, actionable insights that can inform successful sustainability programs. [Learn More](#)

### Going Zero Waste: A How-to Guide for Businesses

What does it really mean to be a zero waste business? Does it actually matter? This [informative resource](#) offers an introduction to the concept of zero waste, how it works, and what you need to do to implement zero waste practices at your business!



### P2I Evaluates Potential Impact of NYS Bottle Bill Expansion as part of DEC's Highlight of the State's Leadership in Reducing Waste on "New York Recycles Day"



Earlier this month, NYS Department of Environmental Conservation Commissioner Basil Seggos recognized Nov. 15 as "New York Recycles Day," celebrating the state's national leadership in promoting recycling and reducing waste. New York's efforts complement America Recycles Day, a national initiative to raise awareness of the economic, environmental and social benefits of reducing, reusing and recycling. [Continue Reading](#)

### Plastic Bottle and Jug Recycling- keep it empty, consider the cap, and conserve natural resources!

Many of the products we buy come in plastic bottles and jugs, and while reducing the plastic packaging we all use is ideal, most of us are using products in plastic bottles and jugs everyday. Each year, Americans purchase billions of plastic beverage bottles alone! Recycling the bottles and jugs we have saves energy and natural resources and is an easy way that everyone can participate in conserving natural resources through simple everyday actions. Recycling our plastic bottles and jugs makes a difference!

## Client Spotlight

### Capro-X Participates in Energy & Greenhouse Gas Impact Evaluation

Capro-X has created a sustainable fermentation technology to upcycle dairy wastewater. Capro-X processes Greek yogurt's problematic acid whey waste through its WheyAway treatment systems that are installed at Greek yogurt production plants and produces treated water and "bio-oil"—a sustainable, natural, food-grade alternative to oils sourced from palm oil.



Capro-X wanted assistance with conducting an energy & greenhouse gas (GHG) impact comparison between their bioprocess and traditional whey treatment and palm oil production. NYSP2I compared calculated energy and GHG impacts to quantify energy and GHG impact reductions of the Capro-X bioprocess over the baseline process.

The analysis showed the Capro-X bioprocess has the potential to provide more than 90% decrease in energy use and GHG impacts per gallon of whey as compared to the baseline process. [Learn More](#)

## Announcements

- Funding Available: [Food Waste Reduction & Diversion Reimbursement](#)
- Funding Available: [New York State Brewery Initiative](#)

The [NYS Pollution Prevention Institute](#) is sponsored by the [New York State Department of Environmental Conservation](#) through the [Environmental Protection Fund](#), the New York State Pollution Prevention Institute is led by the Golisano Institute for Sustainability at Rochester Institute of Technology, and is a partnership between RIT, Binghamton University, Clarkson University, Cornell University and Rensselaer Polytechnic Institute. NYSP2I also works with the [New York Manufacturing Extension Partnership](#) to help disseminate data and strategy.



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