

# FUZEHUB MANUFACTURING - Critical Stage Webinar

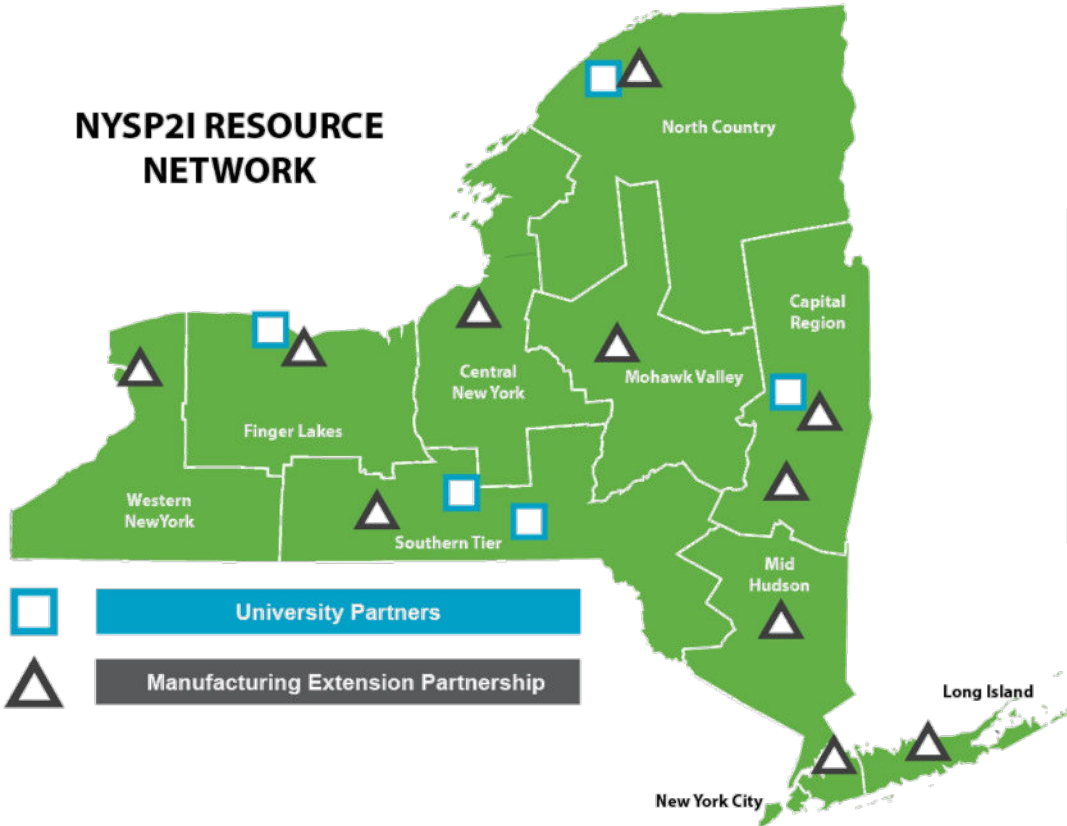
Kim Bawden – New York State Pollution Prevention Institute  
7/19/23



# NYS Pollution Prevention Institute

- HQ at RIT
- Established in 2008
- \$3.9M in annual NYS funding administered through the NYS Department of Environmental Conservation
- Focus areas include:
  - Sustainable Manufacturing Assessments
  - Supply Chain Sustainability
  - Technology Commercialization
  - Food Waste Diversion
  - Outreach & Education
  - Research & Development
  - Emerging Contaminants

## NYSP2I RESOURCE NETWORK




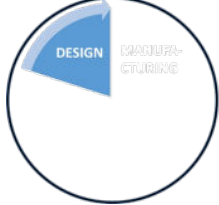

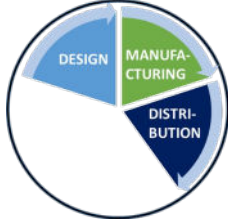

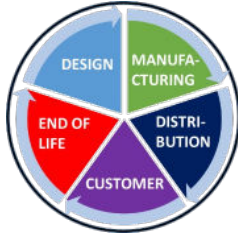
Department of Environmental Conservation



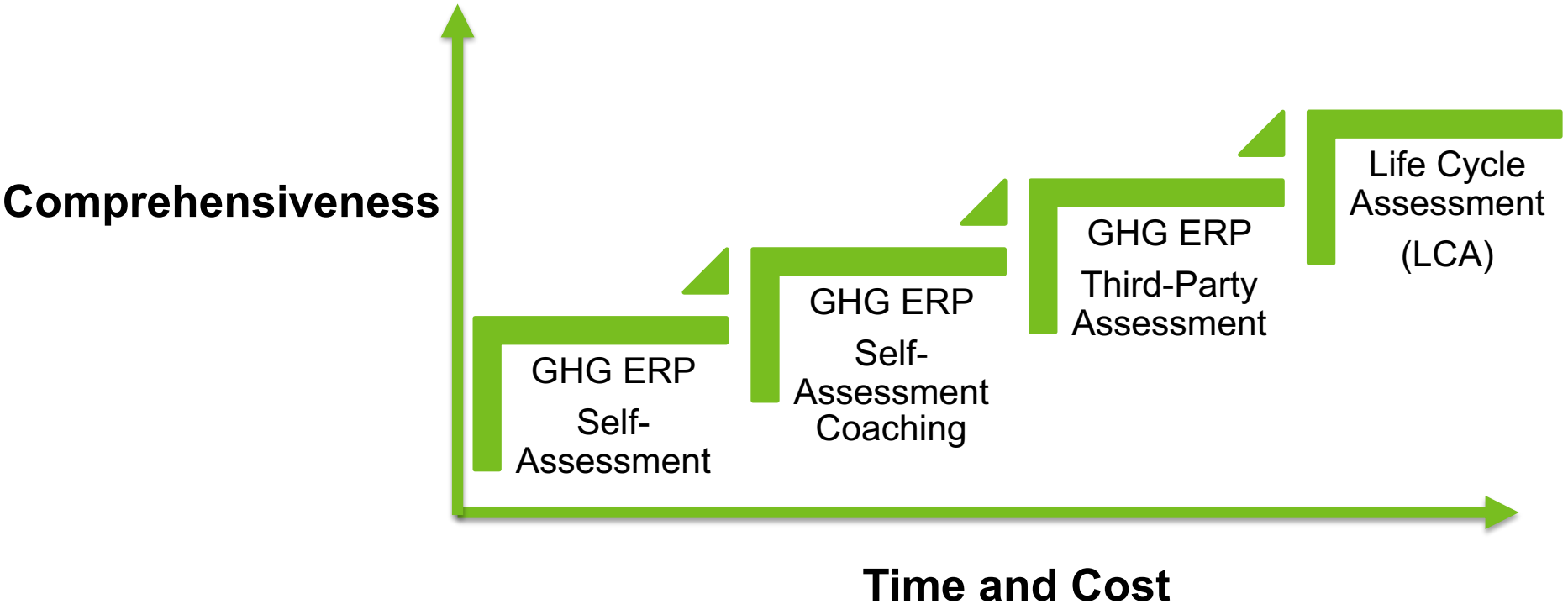
# Assistance for NYS Companies, Municipalities & Non-Profits






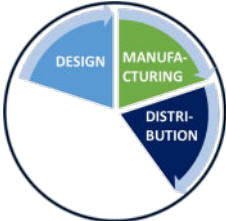


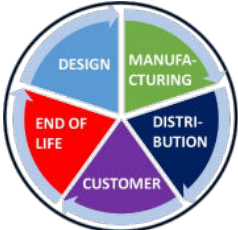
- **Must be NY-based**
- **Typical project cost range is \$15-\$50k**
- **NYSP2I funding offsets most of the project cost to the organization**
  - Expenses are non-capital expenses
  - RIT's engineering, technical and project management services
- **Post-project reporting**
- **Typical project takes about 2-6 months**



What We Do	NYSP2I Services	Product Lifecycle Stages
 <p><b>Technology Commercialization (GTAC)</b></p>	<ul style="list-style-type: none"> <li>• <b>Independent, third-party product testing &amp; evaluation</b></li> <li>• Competitive product benchmarking</li> <li>• Market viability assessments</li> <li>• <b>Life Cycle Assessments</b></li> <li>• <b>Environment and energy impact evaluations</b></li> </ul>	
 <p><b>Sustainable Manufacturing Assessment (DA)</b></p>	<p>Evaluation of manufacturing processes &amp; current approaches, assessing opportunities for:</p> <ul style="list-style-type: none"> <li>• Toxic use reduction</li> <li>• Material use &amp; cost reduction</li> <li>• Water conservation &amp; recycling</li> <li>• Deployment of new technology</li> <li>• Waste reduction</li> <li>• Energy use and renewables</li> </ul>	
 <p><b>Sustainable Supply Chain (SSC)</b></p>	<ul style="list-style-type: none"> <li>• Sustainability assessments</li> <li>• Customer scorecard assistance</li> <li>• Readiness support &amp; conformance w/environmental certification standards &amp; ecolabels</li> <li>• Sustainable sourcing &amp; procurement policies, tracking, &amp; integration into existing business processes</li> <li>• Zero waste assessments &amp; solutions for source reduction</li> </ul>	

# Product Level Greenhouse Gas (GHG) Accounting



What We Do	NYSP2I Services	Product Lifecycle Stages
 <p>Technology Commercialization (GTAC)</p>		
 <p>Sustainable Manufacturing Assessment (DA)</p>		
 <p>Sustainable Supply Chain (SSC)</p>		

# Thank You

**Rochester Institute of Technology**  
111 Lomb Memorial Drive, Bldg. 78-2000  
Rochester, NY 14623

Phone: (585) 475-2512

Email: [nysp2i@rit.edu](mailto:nysp2i@rit.edu)

Web: [www.rit.edu/affiliate/nysp2i](http://www.rit.edu/affiliate/nysp2i)



**RIT**



Cornell **CALS**  
College of Agriculture and Life Sciences



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