led by NYSDEC Rochester institute of Techn

Targeting Study Overview

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New York State Pollution Prevention Institute

NYSDEC Rochester Institute o

New York State Pollution Prevention Institute (NYSP2I)

Vision:

The vision of the NYS P2I is to foster the transformation and development of sustainable businesses and organizations in New York State in a collaborative program committed to making the State a leader in environmental stewardship.

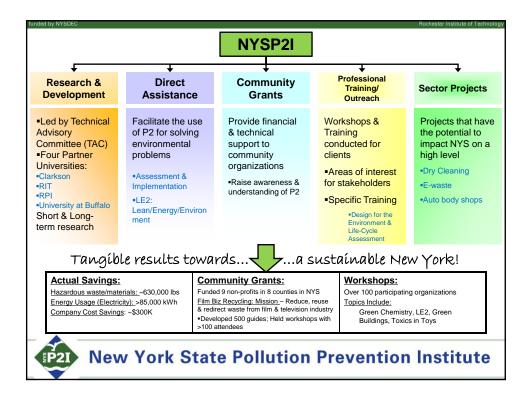
Mission:

The mission of the Institute is to provide a high-impact, comprehensive and integrated program of technology research development and diffusion, outreach, training and education aimed at making New York State more sustainable for workers, the public, the environment and the economy through:

- · reductions in toxic chemical use
- reductions in emissions to the environment and waste generation
- the efficient use of raw materials, energy and water



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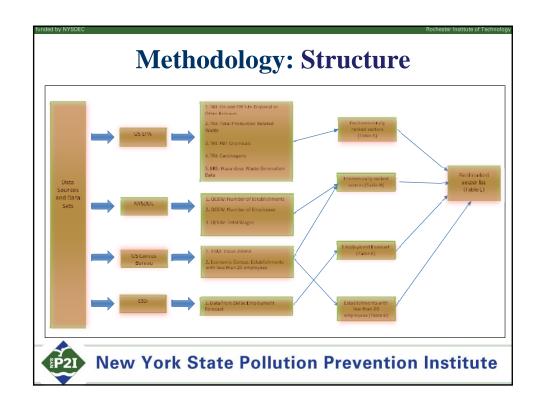
Purpose of Targeting Model

- 1. Identification of high priority sectors that are:
 - a. Significant contributors to the New York State economy
 - b. Generate large quantities of toxic and hazardous wastes
- 2. Ensure optimal use of state funds and NYSP2I resources
- 3. Ensure NYSP2I has the broadest impact possible on industry in NY State

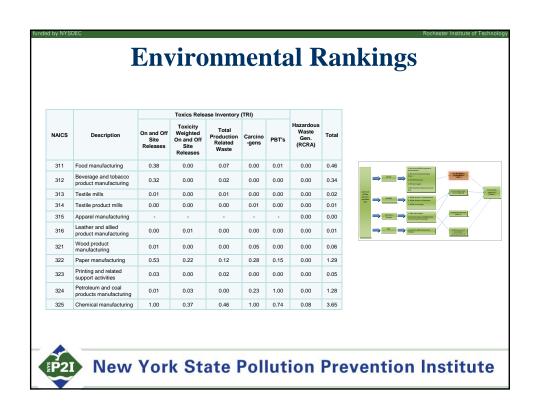


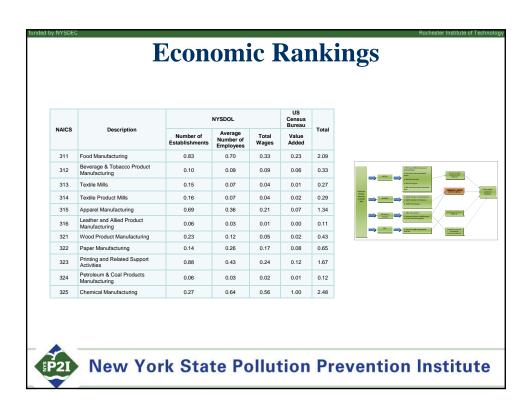
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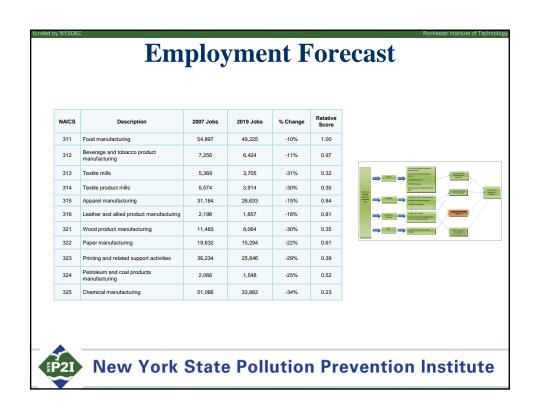
Methodology: NAICS North American Industrial Classification System					
# of digit	s Example	Description	Example		
XX	31-33	Industry Sector (20 broad sectors)	Manufacturing		
XXX	321	Industry Sub sector (21 in manufacturing)	Wood Product Manufacturing		
xxxx	3211	Industry Group	Sawmills and Wood Preservation		
XXXXX	32111	Industry	Sawmills and Wood Preservation		
xxxxx	321113	U.S., Canadian, or Mexican National specific	Sawmills (US)		
21 Ne	ew York	State Pollution Preven	, ,		



		Total On- and Off-Site	Relative to
NAICS	Description	Releases (lbs)	largest
311	Food Manufacturing	2048105	0.38
312	Beverage and Tobacco Product Manufacturing	1751985	0.32
313	Textile Mills	27455	0.01
314	Textile Product Mills	3486	0.00
316	Leather and Allied Product Manufacturing	8739	0.00
321	Wood Product Manufacturing	28019	0.01
322	Paper Manufacturing	2881261	0.53
323	Printing and Related Support Activities	156914	0.03
324	Petroleum and Coal Products Manufacturing	79255	0.01
325	Chemical Manufacturing	5421661	1.00
326	Plastics and Rubber Products Manufacturing	573422	0.11
327	Nonmetallic Mineral Product Manufacturing	427440	0.08
331	Primary Metal Manufacturing	2348898	0.43
332	Fabricated Metal Product Manufacturing	658122	0.12
333	Machinery Manufacturing	189798	0.04
334	Computer and Electronic Product Manufacturing	2337265	0.43
335	Electrical Equipment, Appliance, and Component Manufacturing	535991	0.10
336	Transportation Equipment Manufacturing	215669	0.04
337	Furniture and Related Product Manufacturing	53321	0.01
339	Miscellaneous Manufacturing	62449	0.01

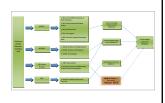






Establishments with < 20 employees

NAICS	Definition	% of Establishments with Less Than 20 Employees	Relative to largest	
311	Food Manufacturing	76%	0.87	
312	Beverage and Tobacco Product Manufacturing	79%	0.91	
313	Textile Mills	82%	0.94	
314	Textile Product Mills	80%	0.92	
315	Apparel Manufacturing	80%	0.92	
316	Leather and Allied Product Manufacturing	81%	0.94	
321	Wood Product Manufacturing	77%	0.88	
322	Paper Manufacturing	46%	0.53	
323	Printing and Related Support Activities	84%	0.96	
324	Petroleum and Coal Products Manufacturing	87%	1.00	
325	Chemical Manufacturing	59%	0.67	





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Top 10 Priority Sectors: 2010-2011

Rank	NAICS	Description	Environmental Ranking	Economic Ranking	Economic Forecast	% of Establishments Under 20 Employees	Tota
1	325	Chemical manufacturing	3.65	2.48	0.23	0.67	7.03
2	334	Computer and electronic product manufacturing	2.11	2.70	0.68	0.71	6.20
3	331	Primary metal manufacturing	3.92	0.45	0.00	0.66	5.03
4	332	Fabricated metal product manufacturing	0.88	2.43	0.55	0.84	4.69
5	311	Food manufacturing	0.46	2.09	1.00	0.87	4.43
6	339	Miscellaneous manufacturing	0.10	2.07	0.68	0.96	3.8
7	333	Machinery manufacturing	0.27	1.92	0.84	0.74	3.78
8	326	Plastics and rubber products manufacturing	1.61	0.81	0.55	0.65	3.62
9	327	Nonmetallic mineral product manufacturing	1.32	0.77	0.58	0.80	3.4
10	315	Apparel manufacturing	0.00	1.34	0.84	0.92	3.1





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