



CHEMICAL SAFETY & COMMUNITY RESILIENCE

TURI Services for Businesses and Communities

October 18, 2017

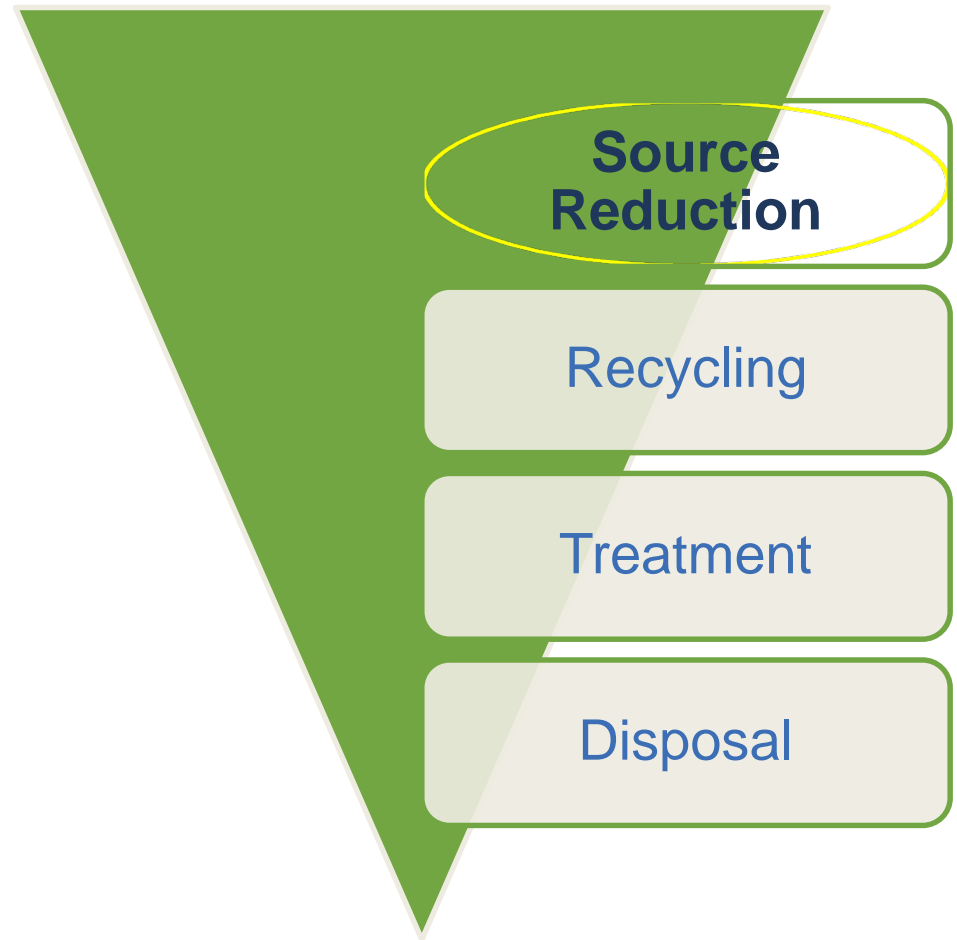
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Massachusetts
Toxics Use Reduction



Core principles of Toxics Use Reduction

- Reduce toxics at the Source
- Look for opportunities to eliminate or reduce hazard
- Primary prevention of disease



Reporting and Planning

- Annual reports on amounts used, wasted, shipped in product, released onsite, or shipped offsite as pollution
- Companies assess:
 - How and why toxics are used
 - Changes to production processes that could reduce use or waste and associated costs and savings
 - Whether it makes business sense to implement changes and whether company chooses to do so

Using the TURA Data Online

TURAData
A community guide to toxics information from Massachusetts' Toxics Use Reduction Act

[TURA](#) [Understand](#) [Reports](#) [Success](#) [Collaborate](#) [Glossary](#)

The 2004 TURA Data is here!
For summary results, see the [Results to Date](#) and the [Report for Massachusetts as a Whole](#). We have also updated the [Dioxin Report](#) for 2004.

The purpose of this site is to make information available to the public about toxics use in their communities. This information has been collected from companies as a result of Massachusetts' [Toxics Use Reduction Act \(TURA\)](#). To help you understand this information, we have organized it into the following sections:

- [What Is TURA?](#)
A description of the Toxics Use Reduction Act, including an overview, brief history, objectives and frequently asked questions.
- [How to Understand the TURA Reports](#)
If you are wondering "What does it all mean?" then this is the place to start. We describe the information that companies actually report, define the terms that you will see on reports, and explain the rules that govern reporting.
- [Reports by Community, Company or Chemical](#)
Reports showing the amount of toxics used, the

Search for TURA reports by community, company, or chemical.

Enter all or part of a community name (**Note:** Some companies use **unofficial community names**):

Enter all or part of a company name:

Enter your city or town or search by chemical

turadata.turi.org



TURI Resources & Activities

- Education & training
- Grants
 - Large & small businesses
 - Municipalities, regional governments & community organizations
 - University research on safer alternatives
- Demonstration sites
- Laboratory & library services
- Facilitated work groups for industry sectors
- Policy analysis



Community Grants Program

- FY17 Grants - examples
 - Providing safer **household cleaners** in bodegas
 - Educating workers and consumers about **BPA exposure** in cash register receipts
 - Delivering **green building** educational programs for architects, developers, and homeowners

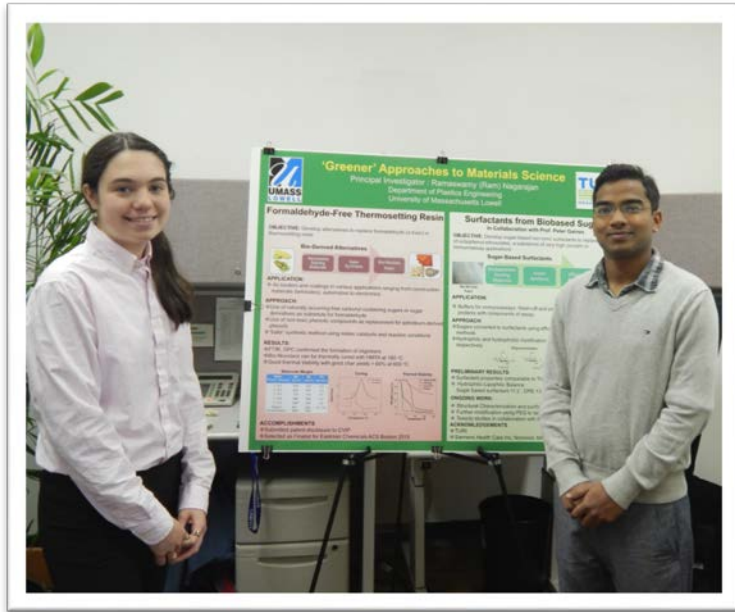


Business Grants Program

- FY17 Small Business Grants
 - Eliminating perchloroethylene in dry cleaning
 - Replacing caustic sodium hydroxide and acids used for cleaning in breweries
 - Eliminating of solvents in printing operations
 - Replacing flame retardant laden foam pit cubes in gyms



Current Academic Research Grant Projects: UMass Faculty Partnering With Mass. Companies



www.turi.org/research

Siemens Healthineers, Norwood: evaluation of sugar-based surfactants as alternatives to octylphenol ethoxylates for medical devices

Camco, Leominster: identification of alternatives to methanol for windshield washer formulations

ITW Polymer Sealants, Rockland: research for safer solvents in contact adhesives

MD Stetson, Randolph: the effectiveness of cleaning versus disinfection

Related Examples

- Cape Cod First Responders
- Westford Water Department

Perchlorate in
emergency flares

Pesticides in
groundwater

Call for Proposals: FY19 Grants

April 2018

Industry Grants: up to \$30,000 and intended for manufacturing facilities to improve processes or install technology that results in reducing toxics.

Small Business Grants: up to \$10,000 and intended for businesses that provide services directly to consumers. For example, dry cleaners, restaurants, auto repair and tire shops, bathtub refinishers, etc.

Community Grants: up to \$20,000 available for regional or statewide projects and up to \$10,000 for local projects. Municipal governments, environmental and community organizations, youth organizations, housing authorities and school districts are all eligible to apply.

Academic Research Grants: up to \$25,000 and available to UMass faculty and their graduate students to partner with Massachusetts companies on researching safer alternatives to toxic chemicals.

Other TURI Resources

Library

- Specialized collection of books, articles and databases
- Contact our library manager with your individual questions



Beyond the MSDS

- Workshop October 2 – register at www.turi.org
- Recorded webinar at www.turi.org





Contact us with any questions!

- TURI: www.turi.org
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