

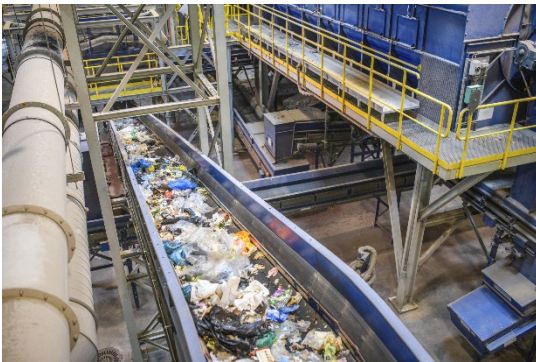
Learn How to Reduce Waste in Your Organization's Plants

DOE, through Better Plants, is excited to offer a new category of In-Plant Training on industrial waste reduction. This three-day training will include workshops, hands-on waste characterization, equipment checks, analysis, and practical exercises, all designed to help reduce waste and train employees to identify waste reduction opportunities. By the end of the training, you will have:

1. A solid understanding of waste reduction and how it can help your organization achieve cost savings.
2. A list of waste reduction opportunities for immediate implementation.
3. Knowledge and tools that will help you identify and quantify waste reduction opportunities specific to your organization's processes and systems.
4. Scenario planning for optimizing waste management and for developing a road map to reach your organization's waste reduction goals.

Focus on Process Waste

The training will cover the major operations that result in process waste, in addition to other types of non-process waste. You will learn:



- ▶ Operations best practices that directly reduce waste generation.
- ▶ Source reduction strategies and opportunities to eliminate waste.
- ▶ Outlets for hard-to-recycle specific process waste streams.
- ▶ Analysis techniques and tools to estimate waste reduction potential and associated cost savings for identified opportunities to build a business case for implementation.

Who should attend?

Environmental and energy reduction leadership, EHS professionals, plant engineers, and any other procurement and sourcing waste management services personnel are encouraged to attend this training. The most important attendees may be the team members who have the authority to make operational changes within your organization's facilities.

Ask your TAM about the next In-Plant Training solicitation from Better Plants and work with them to submit an application to DOE.

Waste Reduction In-Plant Training Agenda

The Waste Reduction In-Plant Training will feature a mixture of classroom and in-facility, hands-on activities. Over the course of three days, participants will learn how to identify and quantify the impacts of potential projects. Participants will develop their own projects and present their findings to plant management on the final day of the event. Below is a sample agenda for the Waste Reduction In-Plant Training.

Day One	
Time	Description
7:30 – 8:00	Arrival, Introductions, and Training Overview
8:00 – 9:00	Introduction: Waste Diversion and Reduction 101
9:00 – 9:15	Exercise: Identify Your Site-Specific Waste Streams
9:15 – 9:30	Break
9:30 – 10:30	How to Effectively Track and Measure Your Organization's Waste
10:30 – 11:15	Introduction to Waste Characterization
11:15 – 11:40	Exercise: Interpret Waste Characterization Results
11:40 – 11:45	Prepare for In-Plant Activity
11:45 – 12:30	Break for Lunch
12:30 – 3:30	In-Plant Activity: Conduct a Waste Characterization and Interpret Results
3:30 – 4:30	Waste Diversion Techniques
4:30 – 5:00	Closing Remarks and Adjournment
Day Two	
Time	Description
7:30 – 7:45	Arrival, Review, and Agenda Overview
7:45 – 8:00	Prepare for In-Plant Activity
8:00 – 12:00	In-Plant Activity: Conduct a Waste Assessment
12:00 – 12:45	Break for Lunch
12:45 – 4:00	Exercise: Identify and Quantify Diversion Opportunities
4:00 – 4:30	Finding Outlets for Hard-to-Manage Materials
4:30 – 5:00	Closing Remarks and Adjournment
Day Three	
Time	Description
7:30 – 7:45	Arrival, Review, and Agenda Overview
7:45 – 8:30	Implementing a Waste Diversion Program
8:30 – 11:00	Exercise: Create Your Zero Waste to Landfill Roadmap
11:00 – 11:15	Break
11:15 – 12:00	Exercise: Facility Report-Out Preparation
12:00 – 12:45	Break for Lunch
12:45 – 1:45	Facility Report-Out
1:45 – 2:30	How to Create a Successful Waste Diversion Program and Execute Your Roadmap
2:30 – 3:00	Closing Remarks and Adjournment