

LA-UR-15-20549

Approved for public release; distribution is unlimited.

Title: Recycling Presentation

Author(s): Cohen, Emma Rose

Intended for: School Presentation

Issued: 2015-01-28

Disclaimer:

Los Alamos National Laboratory, an affirmative action/equal opportunity employer, is operated by the Los Alamos National Security, LLC for the National Nuclear Security Administration of the U.S. Department of Energy under contract DE-AC52-06NA25396. By approving this article, the publisher recognizes that the U.S. Government retains nonexclusive, royalty-free license to publish or reproduce the published form of this contribution, or to allow others to do so, for U.S. Government purposes. Los Alamos National Laboratory requests that the publisher identify this article as work performed under the auspices of the U.S. Department of Energy. Los Alamos National Laboratory strongly supports academic freedom and a researcher's right to publish; as an institution, however, the Laboratory does not endorse the viewpoint of a publication or guarantee its technical correctness.

Recycling

Environmental Stewardship Services, ENV-ES Pollution Prevention (P2) Program



Why Recycle?



© Copyright 2014 [IBT Media Inc.](#) All Rights Reserved.

Every year nearly 900 billion trees are cut down to provide raw materials for American paper and pulp mills.

Why Recycle?

32 million tons of plastic waste were generated in 2012, representing 12.7 percent of total municipal solid waste.



Plastic waste at the Tsurumi recycling center in Yokohama. Photograph: The Asahi Shimbun/Getty Images

Only 9 percent of the total plastic waste generated in 2012 was recovered for recycling.

Why Recycle?

Each year Americans throw away 25 billion Styrofoam cups.

Even 500 years from now, the foam coffee cup you used this morning will be sitting in a landfill.

LANL does NOT recycle Styrofoam.



<http://www.s-world.sk/clanok/umenie/roboti-vyrobeni-z-polystyrenu/10-40/>

Why Recycle?

Aluminum can recycling
saves 95% of the
energy needed to make
aluminum from bauxite
ore.



Glogster © 2007 - 2012

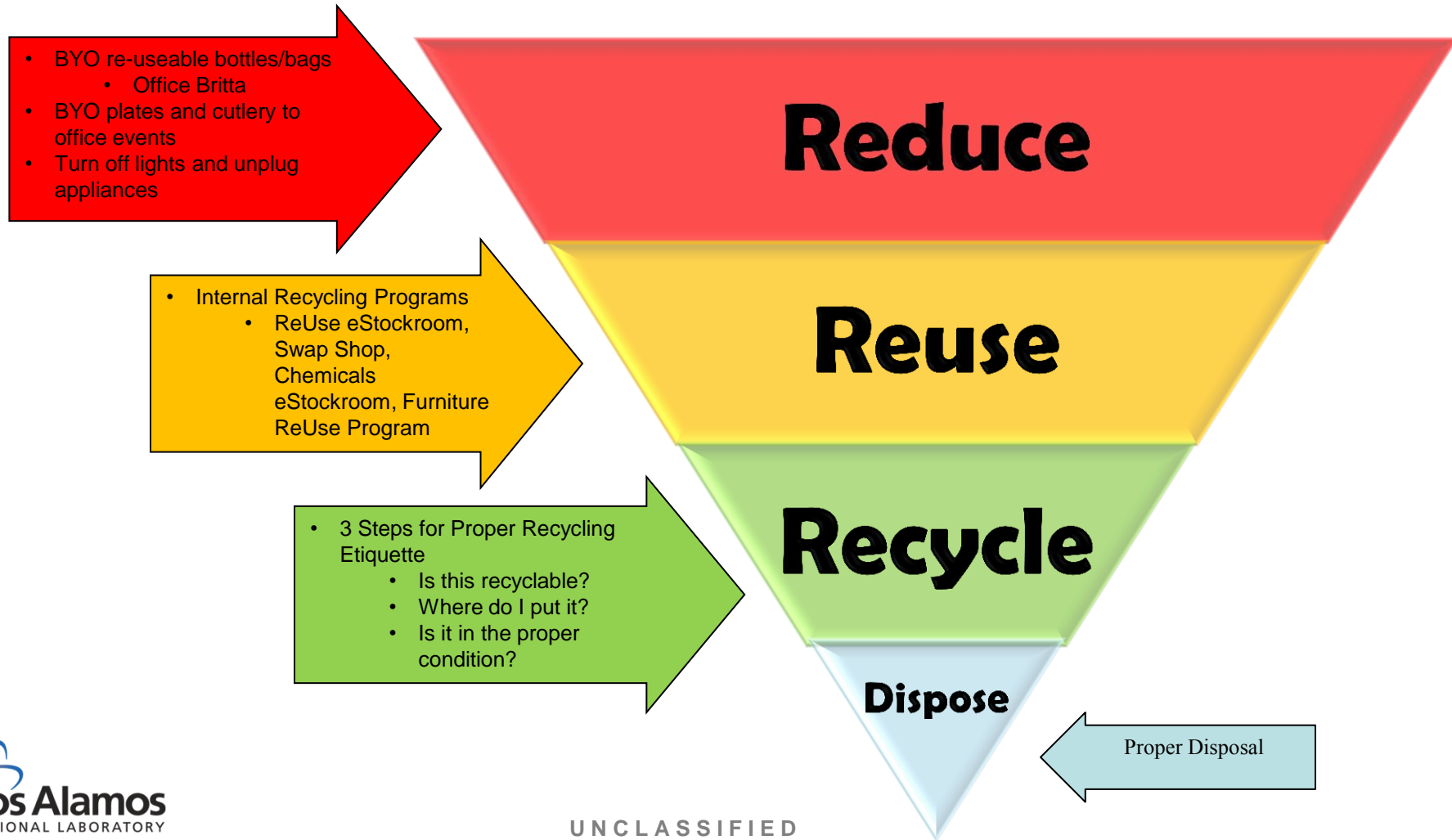
Why Recycle?

- Lead by example
- Conserves precious landfill space
- Reduces raw material mining
- Saves energy and water



Together, we can make a difference!

Waste Management Pyramid

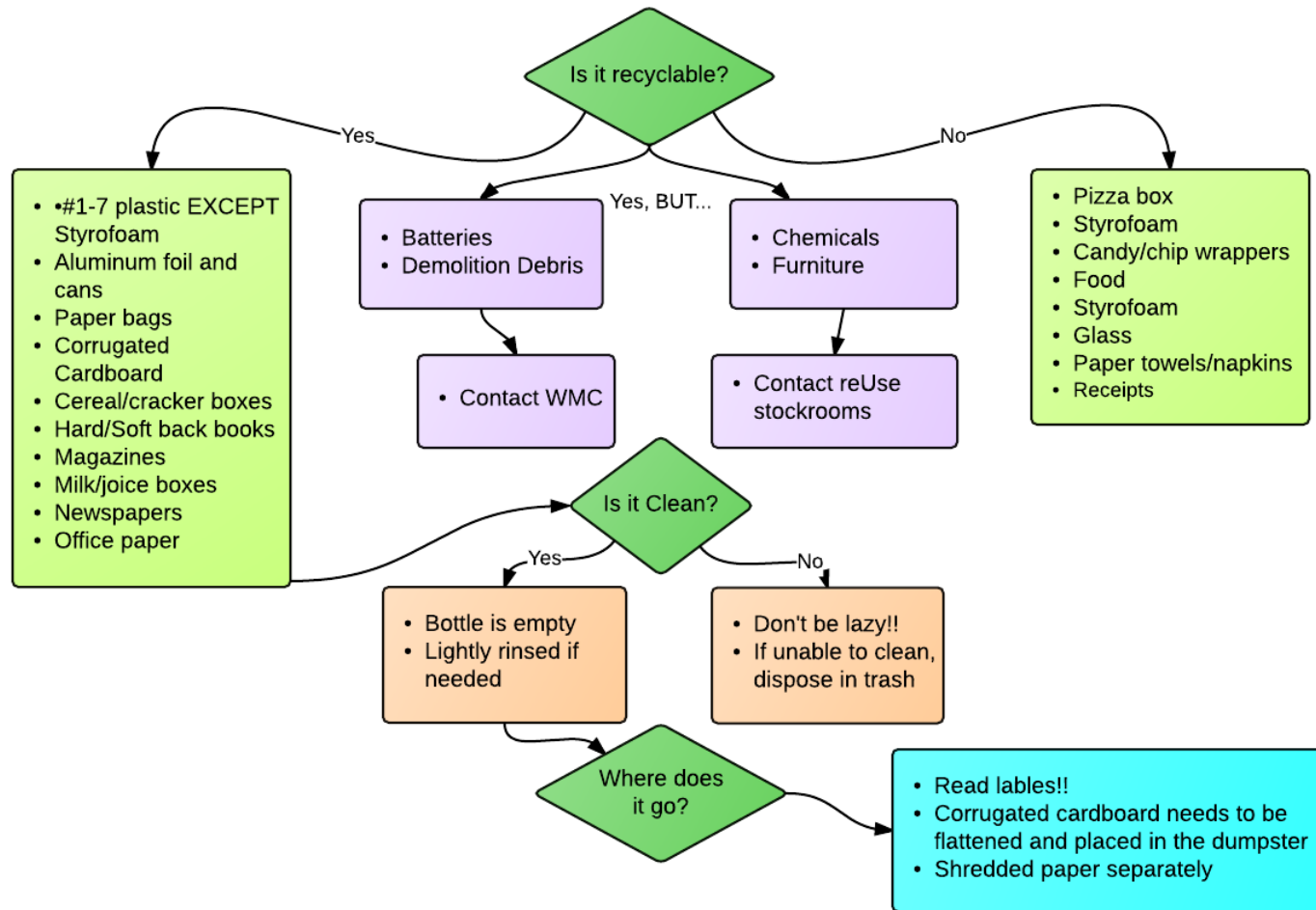


New Recycling Guidelines

- Read the labels on recycling containers
- www.losalamosnm.us/gogreen



Recycling How To Guide



Pop Quiz!



ZERO WASTE AT LANL



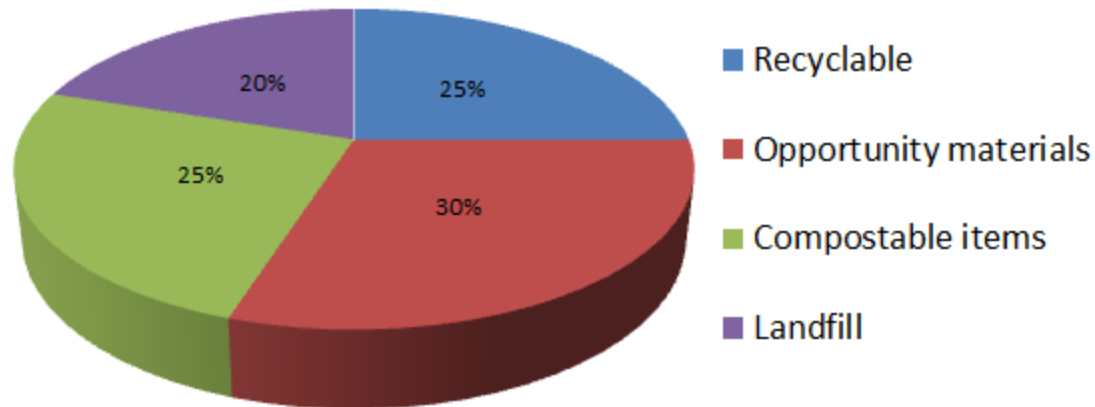
Trash “Show & Tell”





Trash “Show & Tell”

Types of Materials



- Recyclable: Items need to be empty and clean
- Opportunity materials: Items such as paper plates or single-use coffee cups that could be avoided by bringing reusable options. Also an excess of trash bags due to trash being emptied before it's full.
- Compostable items: Some food scraps but mostly paper towels from the bathrooms.