Top 5 Innovations to Reduce Food Loss and Waste in the Next 10 Years

USDA



Director of Sustainable Development Office of the Chief Economist U.S. Department of Agriculture

APEC High Level Policy Dialogue on "Enhancing Public and Private Partnership to Reduce Food Losses and Waste for a Sustainable APEC Food System

June 14, 2018

I. Measurement

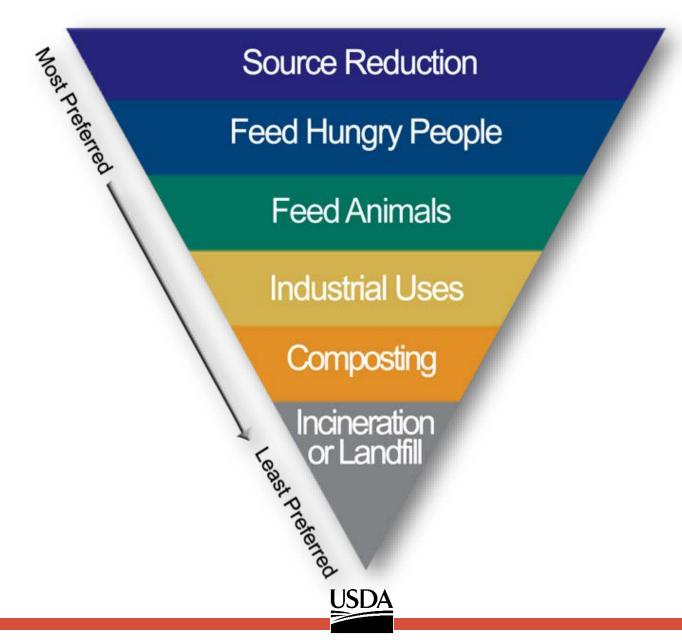
- Generate interest (with big #s)
- Focus efforts
- Baseline success
- Reveal economic opportunity
 - A \$162 billion business opportunity in the U.S.

The Food Loss and Waste Accounting and Reporting Standard (FLW measurement protocol)





II. Prioritization



III. Incentives

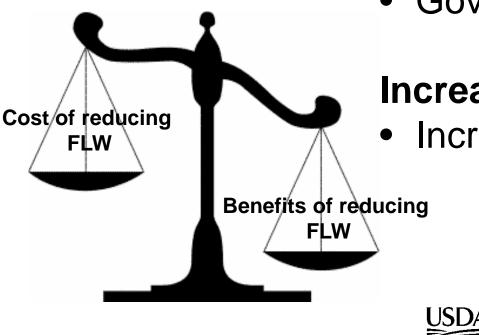
Make reducing FLW the low-cost option

Increase benefits:

- Tax benefits
- Liability protection
- Government procurement

Increase costs:

• Increase cost of landfilling



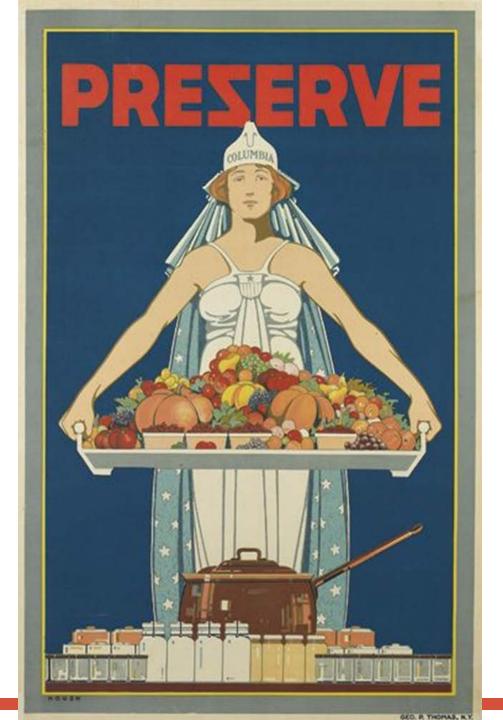
IV. Logistics

- Differentiated markets
- Inventory efficiencies
- ICT
- Preservation



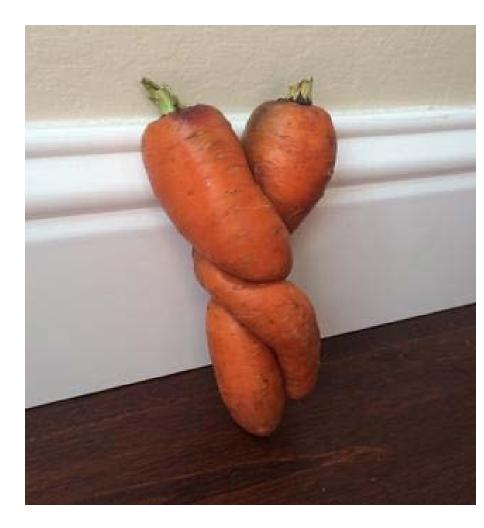
Credit: uglyfruitandvegviatwitter





V. Value-added products

- Cosmetically challenged to glamorous star
- By-products to real products
- Short life to happy old age





For more information

http://www.usda.gov/oce/foodwaste

<u>https://www.epa.gov/sustainable-</u> management-food

https://furtherwithfood.org/

