

Moving Up the Hierarchy: Prevention and Reuse in Oregon

Part Two of Two:

- ★ Preventing the Wasting of Food
- ★ Goals, Measurements and Metrics

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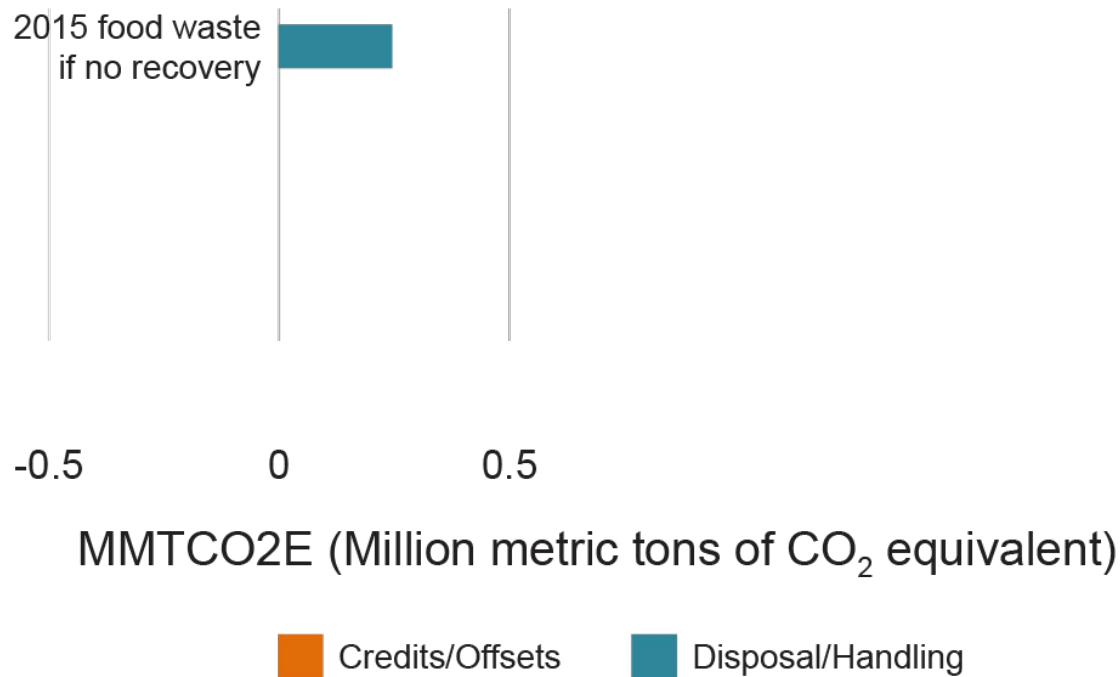
Northern California Recycling Association
March 20, 2018

Food



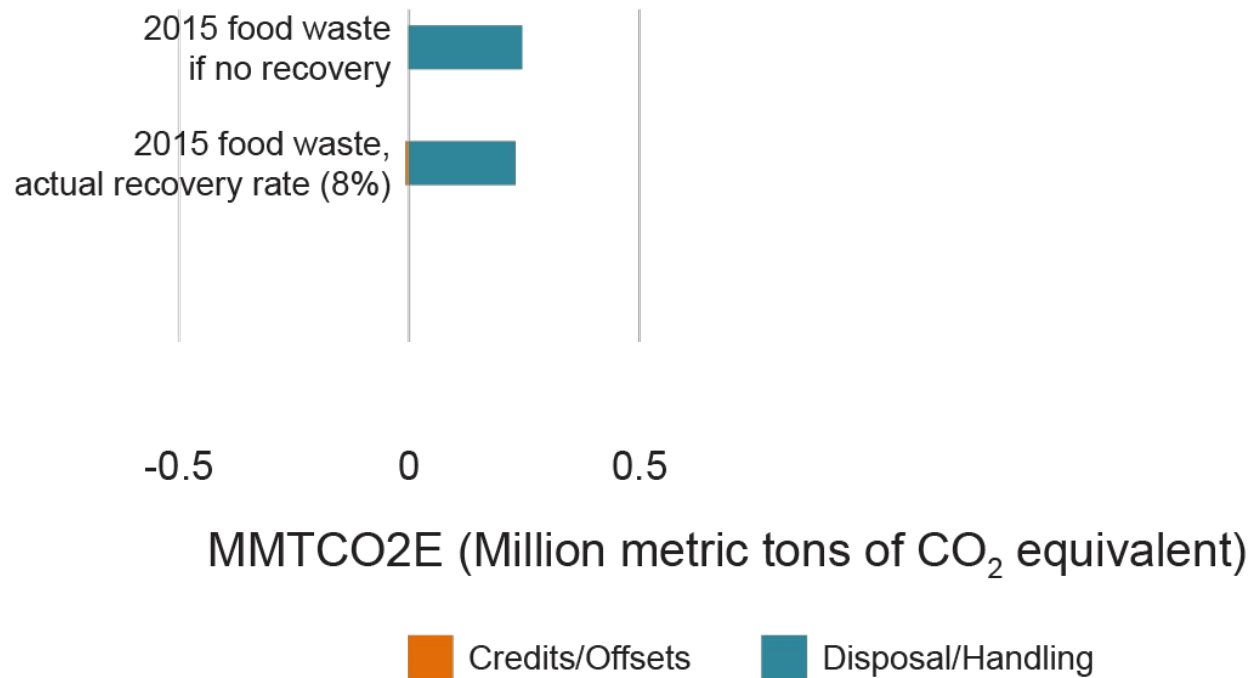
Food Waste = Carbon Impact

2015 Food Waste Analysis



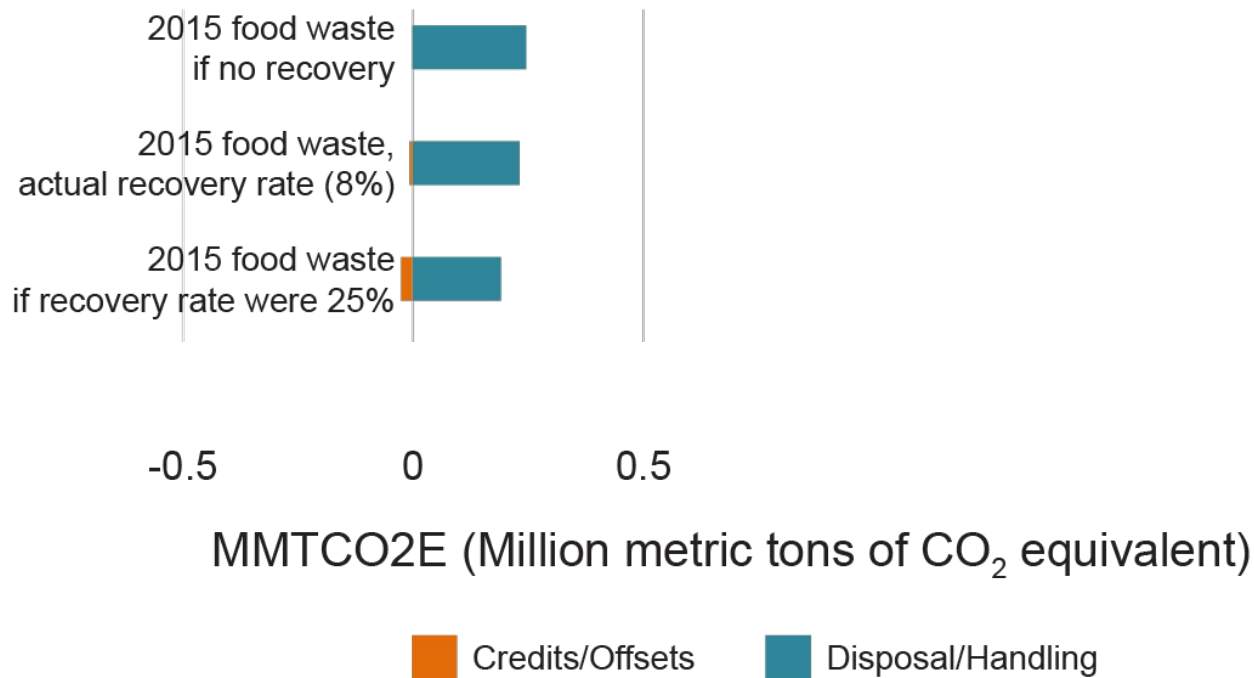
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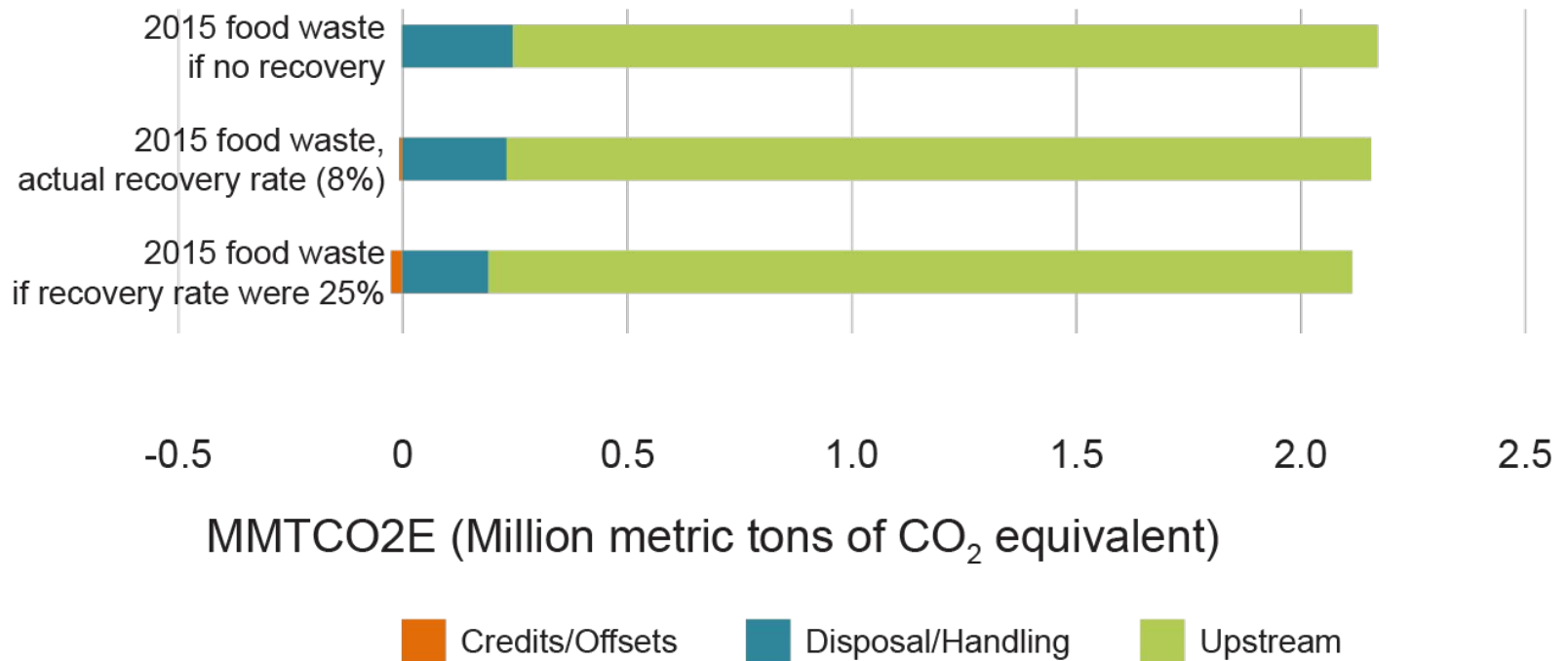
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2015 Food Waste Analysis

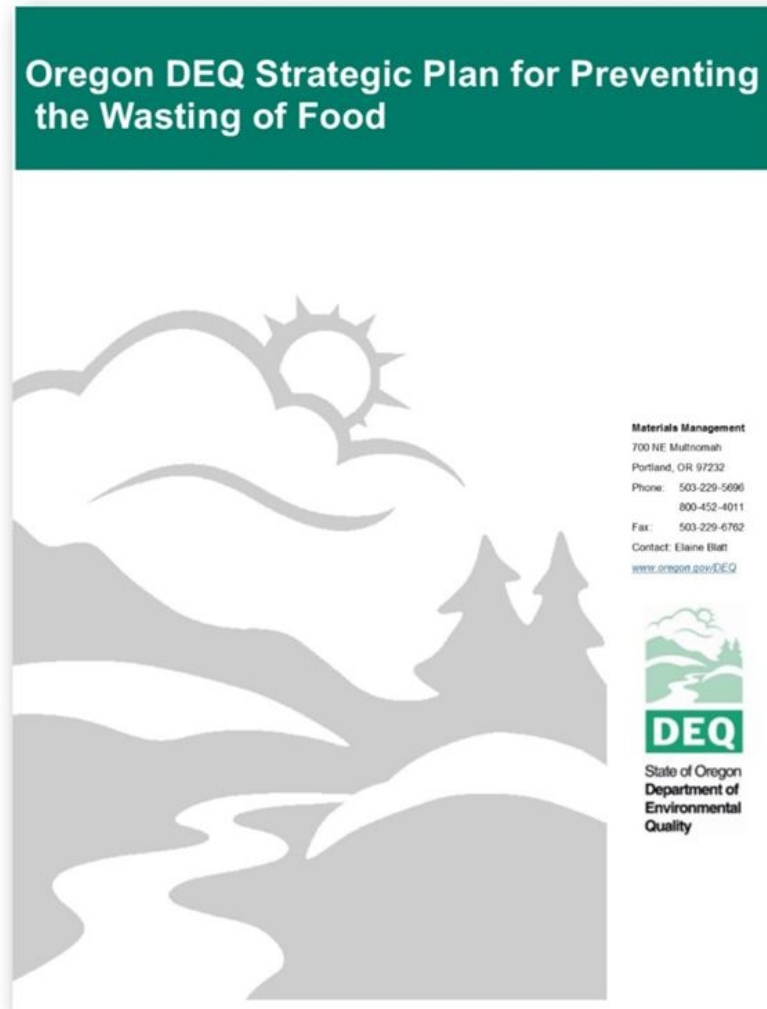


Food Waste = Carbon Impact

2015 Food Waste Analysis



Preventing the Wasting of Food: Strategic Plan



Preventing the Wasting of Food: Measurement Study



Preventing the Wasting of Food: Industry Outreach





Preventing the Wasting of Food: Behavioral and Messaging Research







Conahan for Oregon Business The Wastrel

Preventing the Wasting of Food: Grants




August 2010

Food Waste Prevention Case Study:
Intel Corporation's Cafés



City of Hillsboro
Oregon Department of
Environmental Quality



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Reduce and Reuse First, *Then* Recycle



Friday - Sunday,
November 3-5, 2017
Portland State University
Portland, Oregon



Oregon Measures Disposal *and* Recovery

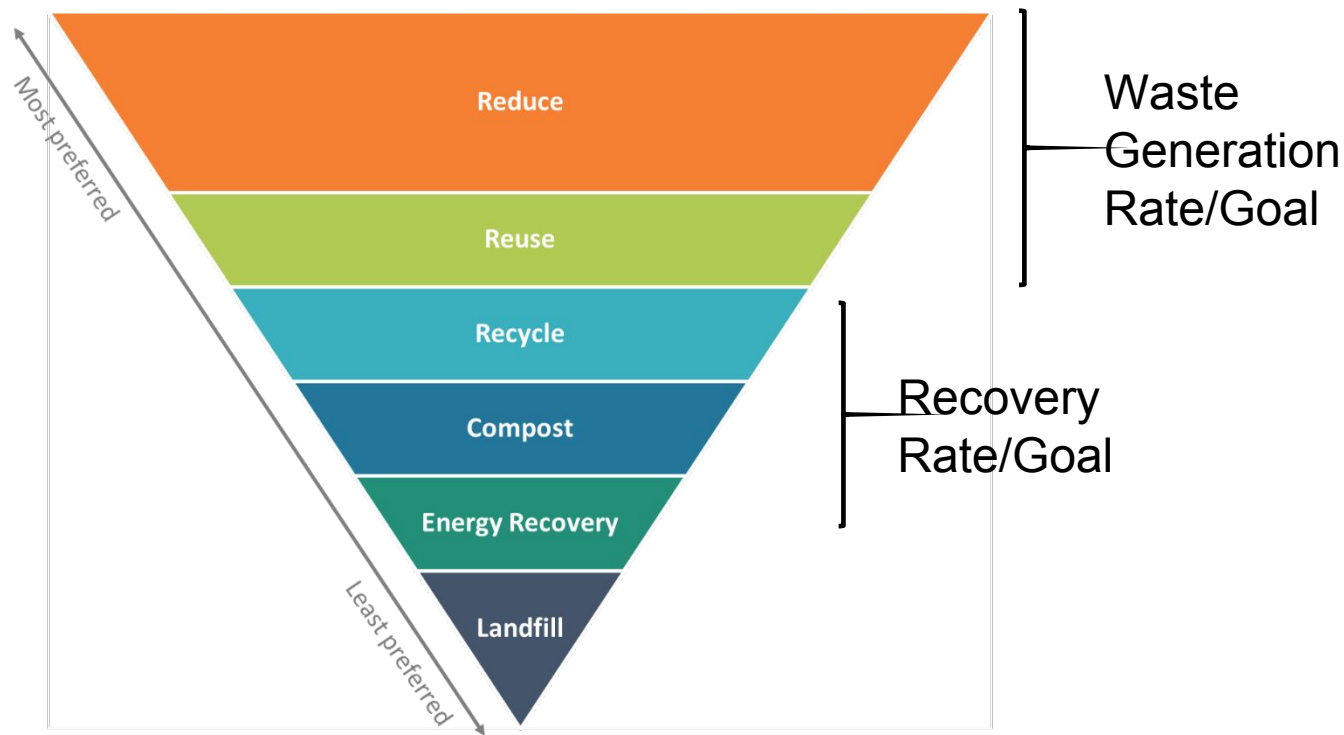


Recovery Rate (Goal) =
$$\frac{\text{Tons Recovered}}{\text{Tons Recovered} + \text{Tons Disposed}}$$

Generation Rate (Goal) = $\text{Tons Recovered} + \text{Tons Disposed}$

Oregon Has Two Waste-Related Goals

1. Increase the Recovery Rate (percentage of discards recovered)
2. Reduce the Generation Rate (overall tons generated)
Note: this is not a disposal goal



Oregon's 2050 Vision and Framework for Action

78th OREGON LEGISLATIVE ASSEMBLY--2015 Regular Session

Enrolled Senate Bill 263

Printed pursuant to Senate Interim Rule 213.28 by order of the President of the Senate in conformance with pre-session filing rules, indicating neither advocacy nor opposition on the part of the President (at the request of Governor John A. Kitzhaber, M.D., for Department of Environmental Quality)

CHAPTER

AN ACT

Relating to materials management of solid waste; creating new provisions; and amending ORS 459.055, 459.305, 459A.005, 459A.010, 459A.020, 459A.029, 459A.030, 459A.035 and 459A.050.

Be It Enacted by the People of the State of Oregon:

OPPORTUNITY TO RECYCLE: GOAL AND RECOVERY RATE UPDATES

SECTION 1. ORS 459A.005 is amended to read:

459A.005. (1) As used in ORS 459.015, 459.250 and 459A.005 to 459A.665, the "opportunity to recycle" means at least that the city, county or metropolitan service district responsible for solid waste management:

(a)(A) Provides a place for collecting source separated recyclable material located either at a disposal site or at another location more convenient to the population being served and, if a city has a population of 4,000 or more, collection at least once a month of source separated recyclable material from collection service customers within the city's urban growth boundary or, where applicable, within the urban growth boundary established by a metropolitan service district; or

(B) Provides an alternative method [which] that complies with rules of the Environmental Quality Commission; and

(b) Complies with the [rates and program elements required under ORS 459A.010] program element requirements described in section 5 of this 2015 Act.

(2) The "opportunity to recycle" defined in subsection (1) of this section also includes a public education and promotion program that:

(a) Gives notice to each person of the opportunity to recycle; and

(b) Encourages source separation of recyclable material.

SECTION 2. ORS 459A.005, as amended by section 1 of this 2015 Act, is amended to read:

459A.005. (1) As used in ORS 459.015, 459.250 and 459A.005 to 459A.665, the "opportunity to

Materials Management in Oregon

2050 Vision and Framework for Action

Adopted by the
Environmental Quality Commission
December 6, 2012

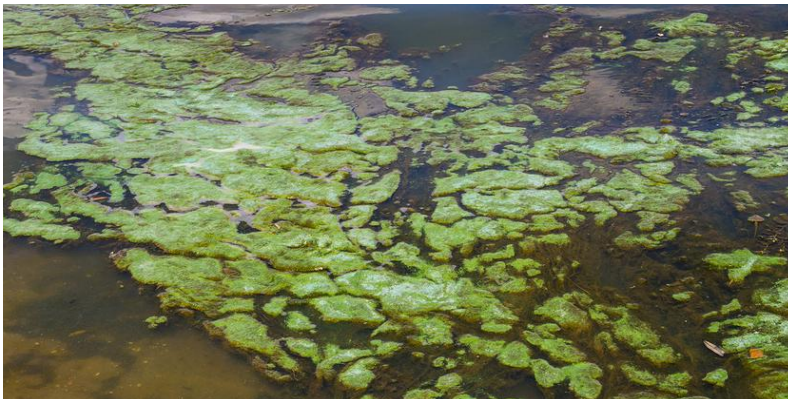


Why Do We Recycle? Why Reduce and Reuse?



Project IMFO

Project IMFO =
environmental Impacts of Material Flows in Oregon



Thank You!

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