



ReFED's 2020 Methodology for Measuring Food Loss & Waste

APEC 2019 Expert
Consultation on Reducing
Food Loss & Waste (FLW)



Rethink Food Waste
Through Economics and Data

APEC economies will be able to use ReFED's 2020 methodology to track FLW over time.

2016 ReFED Roadmap report evaluated FLW solutions and produced actionable insights

- First report to quantify food waste in the U.S. across all sectors
- Roadmap report calculated economic benefit of FLW solutions
- ReFED methodology calculates FLW impact by solution

ReFED is updating Roadmap methodology to create a 'Roadmap 2.0'

- Stakeholder use of 2016 Roadmap provided useful lessons of what worked well
- More granular data is needed to drive decision making
- The ability to track progress over time is required to measure against goals

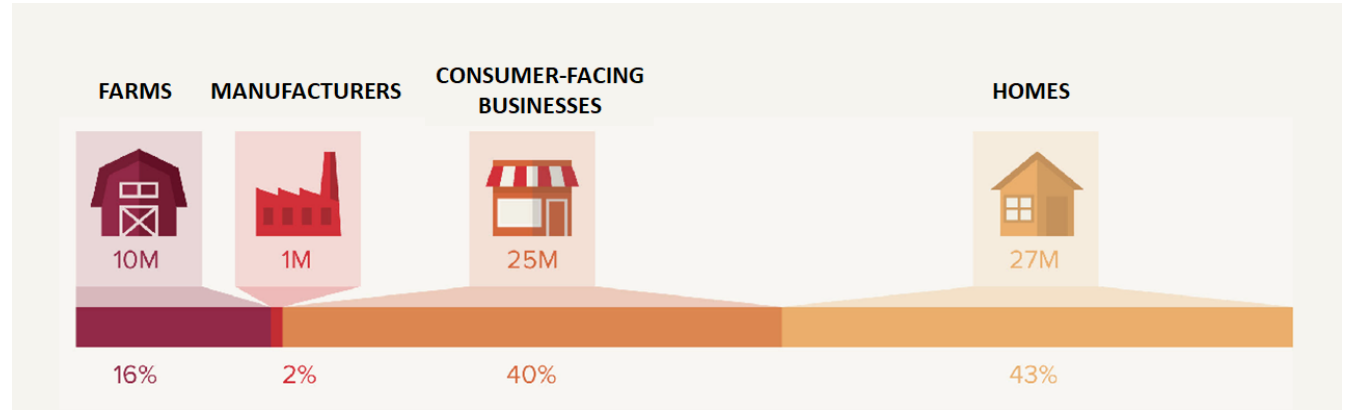
ReFED's 2020 methodology will include significant improvements

- Roadmap 2.0 will be first to **quantify FLW by cause** across all sectors
- Roadmap 2.0 will break down **solution benefits by actor**
- **Digital-first platform** will enable data infrastructure to be used by APEC economies

ReFED Roadmap quantified food waste in the U.S. across all sectors

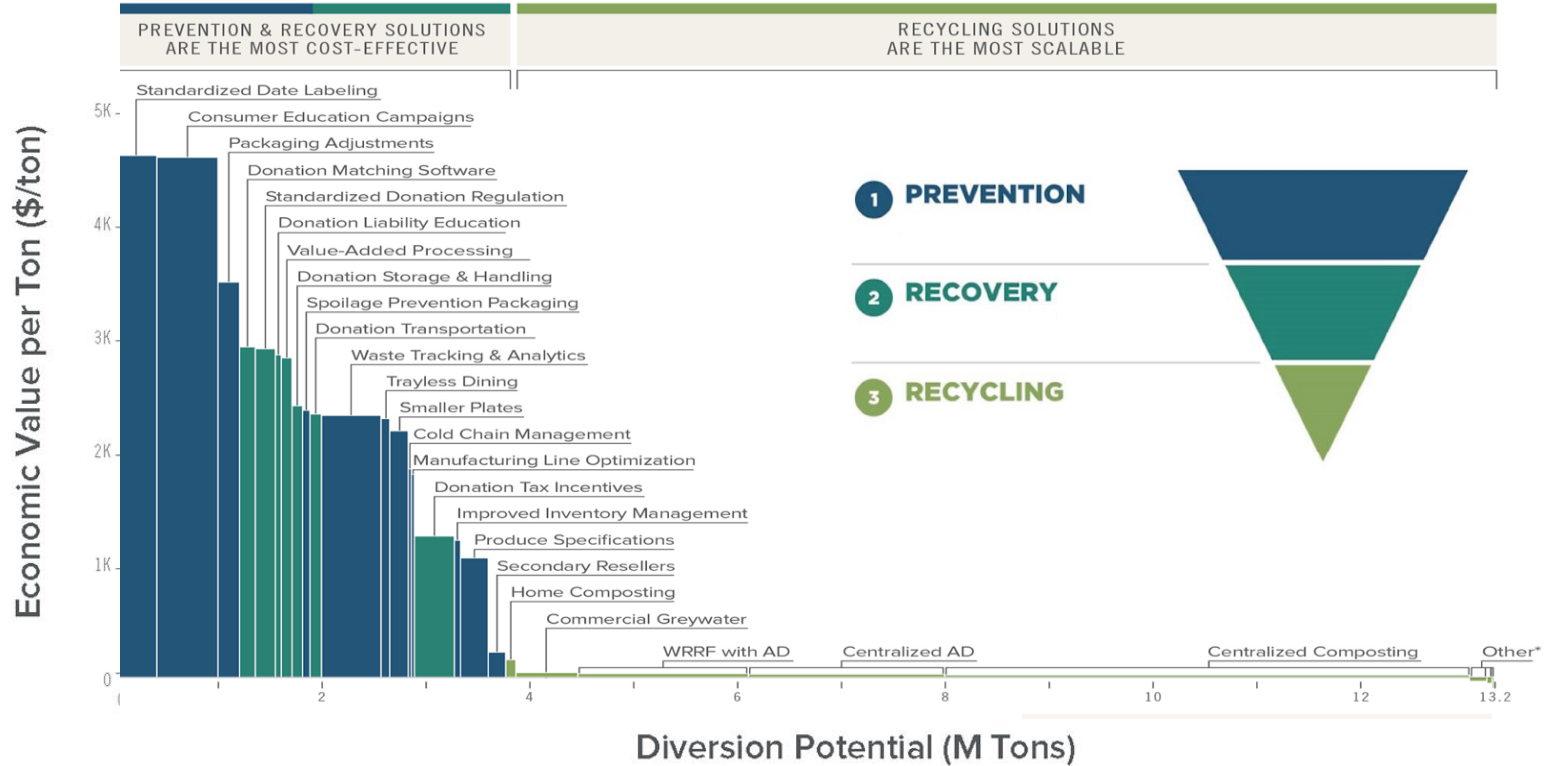


ReFED Roadmap
2016

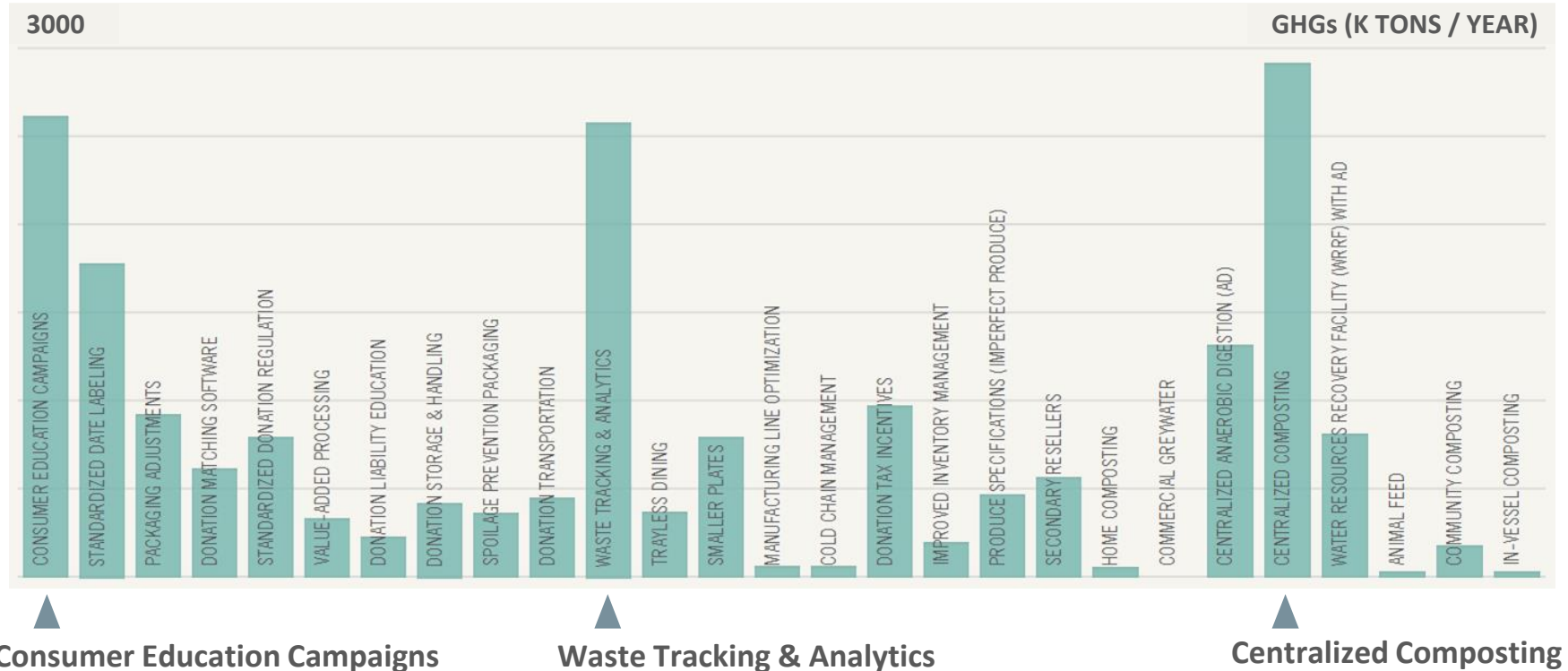


The U.S. wastes 40%, or 63 million tons, of food annually

Report evaluated potential of solutions to achieve U.S. 2030 goal



ReFED methodology calculates FLW impact by solution



ReFED is updating methodology to create a 'Roadmap 2.0'

Roadmap 2.0 is informed by stakeholder use of 2016 Roadmap



**Action Guides
2018**

✓ What works well:

- Pairing knowledge of where FLW occurs with the most economic and high-impact solutions.
 - Helps when prioritizing investment and efforts

+ Opportunity for Improvement:

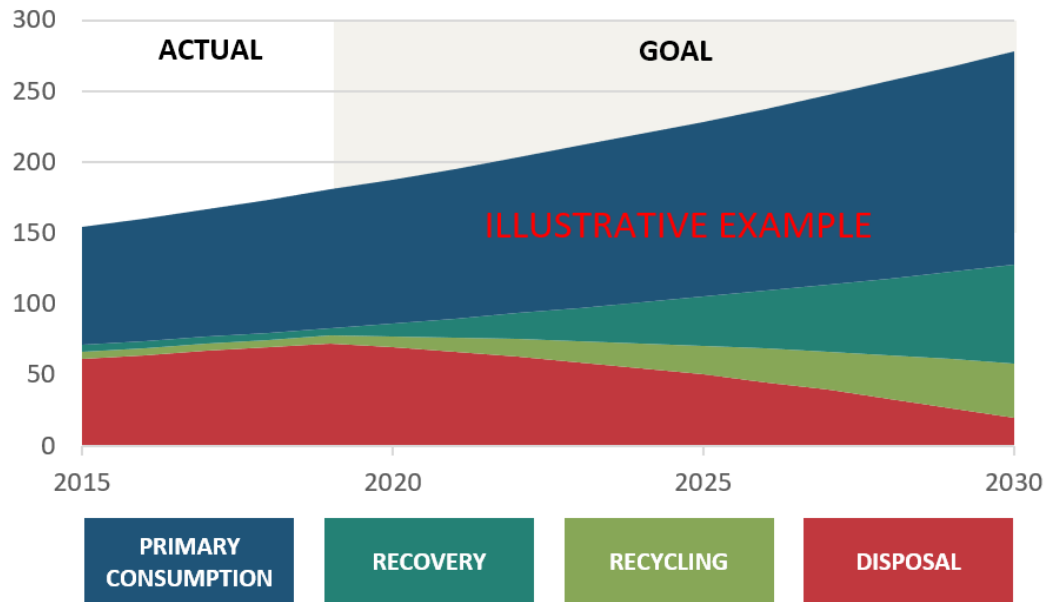
- More granular data is needed to drive decision-making
- Ability to track progress over time
- Quantify FLW by Cause (Reasons *WHY* food waste occurs)
e.g.
 - Unharvested produce on-farm due to labor shortages
 - Residential food waste caused by date label confusion

ReFED's 2020 methodology will include significant improvements

- Digital first
- Improved data granularity
 - (e.g. FLW by year, food type, sector, cause, destination)
- Ability to track progress over time
- Refreshed list of solutions
- Ability to break down solution benefits by actor
 - (e.g. financial benefit to consumers vs grocery retailers)
- APEC economies can replace U.S.-specific datasets with their own

U.S. FOOD WASTE TRACKER

Million Tons





2019 FOOD WASTE SUMMIT

Hosted by ReFED

OCTOBER 28-30TH
CITY VIEW AT METREON
SAN FRANCISCO, CA