Following the Roadmap to 2030
Taking Action to Reduce U.S. Food Waste by 50%

In partnership with foodtank
#HalveFoodWasteBy2030
Following the Roadmap to 2030 Discussion Series

Strengthen Food Rescue

OCTOBER 20 | 1:00 P.M. ET

ReFED

In partnership with foodtank
Scaling Food Recovery and Hunger Relief: Learnings from ReFED’s Nonprofit Food Recovery Accelerator

**Case Study: Daily Table**

Daily Table, a membership-based service, delivers fresh, organic ingredients and recipes to over 2,000 members in New York City, Seattle, and San Francisco. In addition to providing access to healthy food, Daily Table captures and sells food waste from local restaurants to its members at a discount. This not only reduces food waste but also provides an affordable option for members to access fresh produce. Daily Table’s impact is further enhanced by its innovative use of technology, including a mobile app that connects members with food suppliers and streamlines the ordering process.

**ReFED Accelerator Overview**

The ReFED Accelerator fosters innovation and scale in the food waste and recovery sector to support the achievement of the Sustainable Development Goals (SDGs) targets on hunger and poverty reduction. The program selects 15-20 organizations each year to participate in a year-long intensive that focuses on building business models, refining market strategies, and developing partnerships. During the program, participants receive support from industry experts and access to a network of accelerators and investors, as well as funding opportunities.

**ACCELERATOR EXPERT NETWORK**

The ReFED Accelerator fosters a network of experts and partners to support the growth of food recovery and waste reduction initiatives. This network includes government agencies, non-profits, food businesses, and investors, all working together to address food waste and hunger in their communities.
### Who We Are

ReFED is a national nonprofit working to end food loss and waste across the food system by advancing data-driven solutions to the problem.

### Our Vision

A sustainable, resilient, and inclusive food system that optimizes environmental resources, minimizes climate impacts, and makes the best use of the food we grow.

<table>
<thead>
<tr>
<th>DATA &amp; INSIGHTS</th>
<th>CAPITAL &amp; INNOVATION</th>
<th>STAKEHOLDER ENGAGEMENT</th>
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</thead>
<tbody>
<tr>
<td>Leveraging data and insights to highlight supply chain inefficiencies and economic opportunities</td>
<td>Catalyzing capital to spur innovation and scale high-impact initiatives</td>
<td>Mobilizing and connecting supporters to take targeted action</td>
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ReFED Insights Engine and Roadmap to 2030: Reducing US Food Waste
ReFED Insights Engine:  
Your Source for Food Waste Data and Solutions

A knowledge hub for food loss and waste, designed to provide anyone interested in food waste reduction with the information they need to take meaningful action.

Insights Engine tools let users:

- Understand the Problem
- Explore Solutions
- Find Solution Providers
- Calculate Impacts
Roadmap to 2030: A Blueprint for Action

The Roadmap to 2030 looks at the entire food system and provides a framework to focus waste reduction efforts. Powered by the Insights Engine, the Roadmap to 2030 is an indispensable resource for reaching our 2030 goal.

ReFED outlined seven key action areas for the food system to focus its efforts over the next ten years to prevent, rescue, and recycle food at risk of going to waste.

<table>
<thead>
<tr>
<th>PREVENTION</th>
<th>RESCUE</th>
<th>RECYCLING</th>
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<tbody>
<tr>
<td>Optimize The Harvest</td>
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<tr>
<td>Enhance Product</td>
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<td>Distribution</td>
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<td>Maximize Product</td>
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<td>Reshape Consumer</td>
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<td>Environments</td>
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<td>Strengthen Food</td>
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<tr>
<td>Rescue</td>
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<td>Recycle</td>
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<tr>
<td>Anything Remaining</td>
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<tr>
<td>Action Areas</td>
<td>OPTIMIZE THE HARVEST</td>
<td>ENHANCE PRODUCT DISTRIBUTION</td>
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<td></td>
<td>Buyer Spec. Expansion</td>
<td>Decreased Transit Time</td>
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<td>Cleaning</td>
<td>First Expired First Out</td>
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<td>Imperfect &amp; Surplus Produce Channels</td>
<td>Intelligent Reckoning</td>
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<td>Partial Order Acceptance</td>
<td>Temperature Monitoring (Pallet Transport)</td>
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<td>Field Cooling Units</td>
<td>Reduced Warehouse Handling</td>
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<td>In-Field Sanitation Monitoring</td>
<td>Advanced Shipment Notifications</td>
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<td>Innovative Grower Contracts</td>
<td>Early Spoilage Detection (Hyposporachial Imaging)</td>
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<td>Labor Matching</td>
<td>Inventory Traceability</td>
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<td>Smaller Harvest Lots</td>
<td>Modified ATMOSphere Packaging System</td>
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<td>Improved Communication for Planning Schedules</td>
<td>Vibration &amp; Drops Tracking</td>
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<td>Sanitation Practices &amp; Monitoring</td>
<td>Optimized Truck Loading, Loading &amp; Unloading (e.g., Cross-Docking)</td>
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<td>Optimized Harvesting Schedules</td>
<td>Enforcing Cold Chain SOPs</td>
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<td>On-Farm / Near-Farm Processing</td>
<td>Regular Maintenance in Refrigerated Trucks</td>
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<td>Local Food Systems</td>
<td>Cross-Docking</td>
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<td>Clear Product Ownership</td>
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**Modular Solutions**
- Unmodeled Solutions
- Best Practices
What's Needed

- 40+ Solutions
- $14B Investment Annually

What's Needed

- Policy Changes
- Innovation
- Engagement

Waste Reduction

- 45M Annual Food Waste Diversion (Tons)

Impact Per Year

- $73B Net Financial Benefit
- 4T Gallons in Water Savings
- 75M Tons GHG Emission Reduction Potential (MT CO2e)
- 4B Meals for People in Need
- 51K Jobs Created Through Solution Implementation Over 10 Years
“Strengthening food rescue” means furthering the rescue of high-quality, nutritious food by increasing the capacity of food relief agencies, addressing distribution bottlenecks, overcoming donor hesitation, and improving communication flow – all in a way that emphasizes the health and dignity of end recipients struggling with food insecurity.
ACTION AREA #6

Strengthen Food Rescue

- Landfill
  27.6M Tons - 34.2%

- Not Harvested
  13.9M Tons - 17.2%

- Composting
  12.9M Tons - 16%

- Animal Feed
  7.66M Tons - 9.5%

- Donations
  2.78M Tons - 3.5%

Source: ReFED Insights Engine
ACTION AREA #6

Strengthen Food Rescue

KEY INDICATORS (ANNUAL)

2.3M
FOOD WASTE TONS DIVERTED

$8.8B
NET FINANCIAL BENEFIT

$1.4B
INVESTMENT NEEDED

2.7M
MT CO2E REDUCTION

298.7B
GALLONS WATER SAVED

3.9B
MEALS SAVED

DONATIONS
2.78M tons - 3.5%

Source: ReFED Insights Engine
## ACTION AREA #6

### Strengthen Food Rescue

<table>
<thead>
<tr>
<th>Top Solutions</th>
<th>Meals Recovered</th>
<th>Wasted Food Tons Diverted</th>
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<tbody>
<tr>
<td>1/ Donation Education</td>
<td>1.84B</td>
<td>1.1M</td>
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<tr>
<td>2/ Donation Transportation</td>
<td>1.07B</td>
<td>643K</td>
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<tr>
<td>3/ Donation Storage Handling &amp; Capacity</td>
<td>442M</td>
<td>265K</td>
</tr>
<tr>
<td>4/ Donation Value-Added Processing</td>
<td>318M</td>
<td>191K</td>
</tr>
<tr>
<td>5/ Donation Coordination &amp; Matching</td>
<td>239M</td>
<td>144K</td>
</tr>
</tbody>
</table>
TOTAL
$1.4B

PUBLIC
- Tax Incentives - $97.2M
- Government Grants - $228.5M

PHILANTHROPIC
- Non-Government Grants - $697.2M
- Impact-First Investments - $206.0M

PRIVATE
- Venture Capital - $21.3M
- Corporate Finance & Spending - $104.9M

Source: ReFED Insights Engine
ACTION AREA #6

Strengthen Food Rescue

Expand federal food donation enhanced tax deduction or create state-level tax incentive for nonprofit sales and transportation services – [Federal, State; Legislative]

Clarify guidance on food safety for donations – [Federal, State, Local; Legislative, Regulatory]

Strengthen liability protections for food donation - [Federal, State; Legislative]

Require government agencies and their contractors to report food donations - [Federal, State; Legislative]
Karen Hanner
Director, Product Sourcing & Strategic Partnerships
GLOBAL FOODBANKING NETWORK
Jasmine Crowe
Founder & CEO
GOODR
Nell Fry
Director of Sustainability
SODEXO
Sueli Shaw
Head of Social Impact
DOORDASH
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Recycle Anything Remaining

NOVEMBER 17 | 1:00 P.M. ET

ReFED

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Stay Connected!

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