



NUWIN
ENTERPRISES

As America moves towards a more sustainable future...we will be there to help!

FOOD WASTE IN AMERICA

EXCESSIVE



40% of all food produced in the U.S. is wasted.



52.4 M tons of food waste is sent to landfills annually.



24.1% of landfill trash is food waste.

EXPENSIVE

\$218 B

Annual cost of food waste is **\$218 billion** or **1.3%** of U.S. GDP

\$1600

Annual cost of food waste **per family** is **\$1,600**.

\$940 B

1.3 billion tons of food waste costs the global economy **\$940 billion**.

ENVIRONMENTALLY HARMFUL



If food waste was represented as a country, it would be the **3rd largest greenhouse gas emitter**.



The methane released by food waste is **21x more harmful** than carbon dioxide (CO₂).



Food waste in the U.S. is equivalent to the greenhouse emissions of **37 million cars**.



Food waste greenhouse gas emissions **increased 300%** in the **past 50 years** and at current waste trends **will increase another 400% by 2050**.

ECONOMIC OPPORTUNITY

By 2030, reducing food waste will represent a **\$155-\$405 billion** economic opportunity. Investing in cost-effective food waste solutions to **reduce food waste by 20%** over the next **10 years in the U.S.** would:



Divert **9.5 million** tons of waste from landfills.



Generate a net economic value of **\$10 billion** for consumers and businesses.



Reduce water demand by **1.6 trillion gallons** of freshwater withdrawals.



Create **15,000** new jobs.



NUWIN ENTERPRISES GOALS

REDUCE the amount of food waste going to landfills by 50% by 2030.

RECYCLE food waste so as to preserve and enhance the quality of air, water, and land resources.

REUSE converted food waste for affordable organic fertilizer.

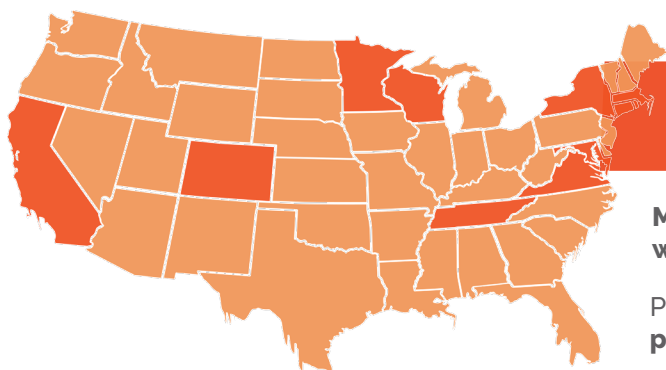
REGULATORY FRIENDLY ENVIRONMENT

Over 30 businesses have joined the 2030 Champions group by committing to **reduce food loss and waste in their U.S. operations.**

EPA and USDA announced a goal to reduce food waste going to landfills by **50% by 2030.**

The U.S. Conference of Mayors adopted a resolution supporting the **50% reduction goal.**

The **EPA, USDA, and FDA** announced a **Federal Inter-agency strategy** to address **food waste (Winning on Reducing Food Waste Initiative).**



U.S. states and cities taking action to curb food waste and gain food recovery:

MN and RI have introduced legislation to **reduce** the amount of **food waste in schools.**

Pending legislation in **CA, CO, and MA** will establish programs to **fund private-sector composting** and **organic collection** programs.

Legislators in **CA, CT, MA, RI, and VT** passed laws that **restrict food waste** going to **landfills**...with **VT** establishing a **Universal Recycling Law** that **bans food scrap waste** by the end of this year.

TN and WA, as well as cities like **Los Angeles and Madison** have created **food waste task forces** to **reduce waste, create composting education and infrastructure, and eliminate food waste from landfills.**

NYC Department of Sanitation expanded their **organics separation rules** to keep nearly **100K tons of wasted food** out of landfills each year.

FOOD WASTE SOLUTIONS



Organic waste pickup



Aerobic digestion processing



Renewable, Reusable, Organic fertilizer output