



Update: Food Scraps

Common Council Executive Committee

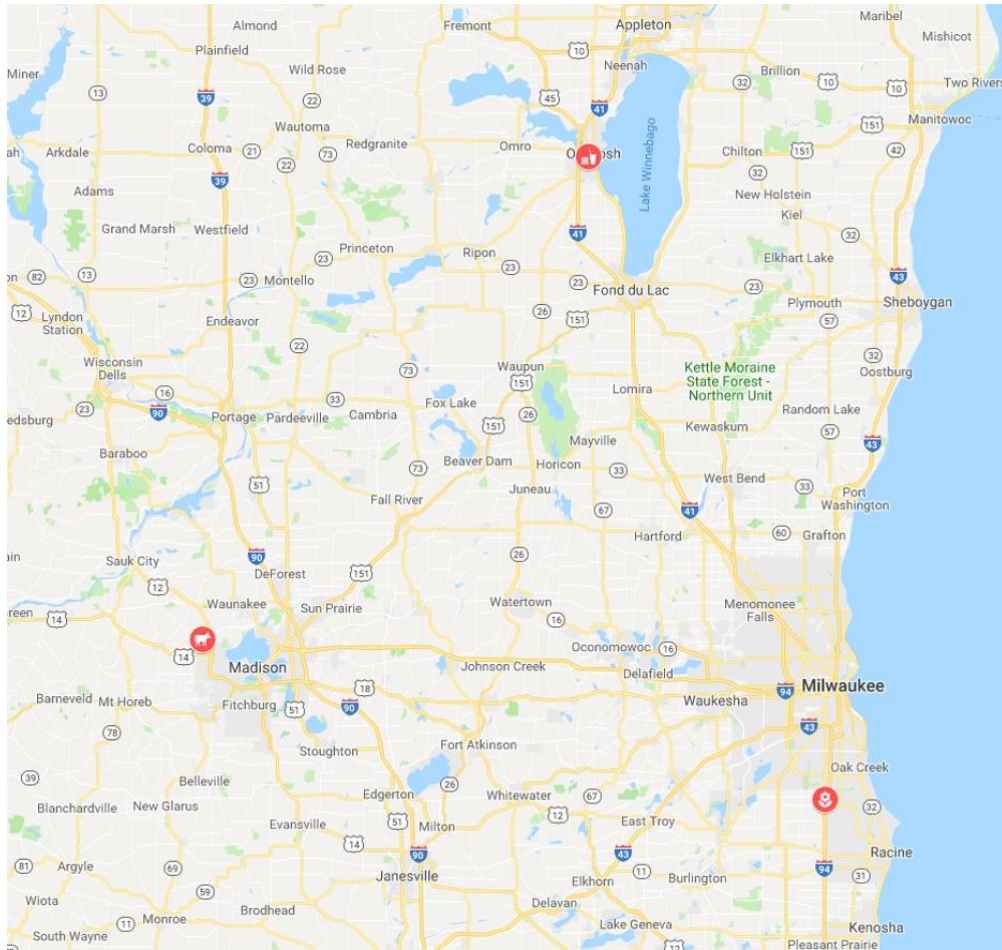
September 28, 2021

Update: Food Scraps

- 2011: Began with curbside collection of about 500 volunteer homes and a handful of businesses.



Update: Food Scraps



- 2011 to 2018: Processors change three times.
- The program tries to grow while changes in processors.
- Eventually peaks at 1,100 volunteer homes and 40 businesses.

Update: Food Scraps

- 2018: Program paused after we were no longer able to bring City material due to contamination issues.



Update: Food Scraps

- 2019: Tried a very small and limited term pilot with new name “Food Scraps Recycling”
- Very concerted effort of blocking contamination from entering the truck by peeking into the carts before they were dumped.
- This peek & dump made clean food but very slow - can't be replicated citywide.



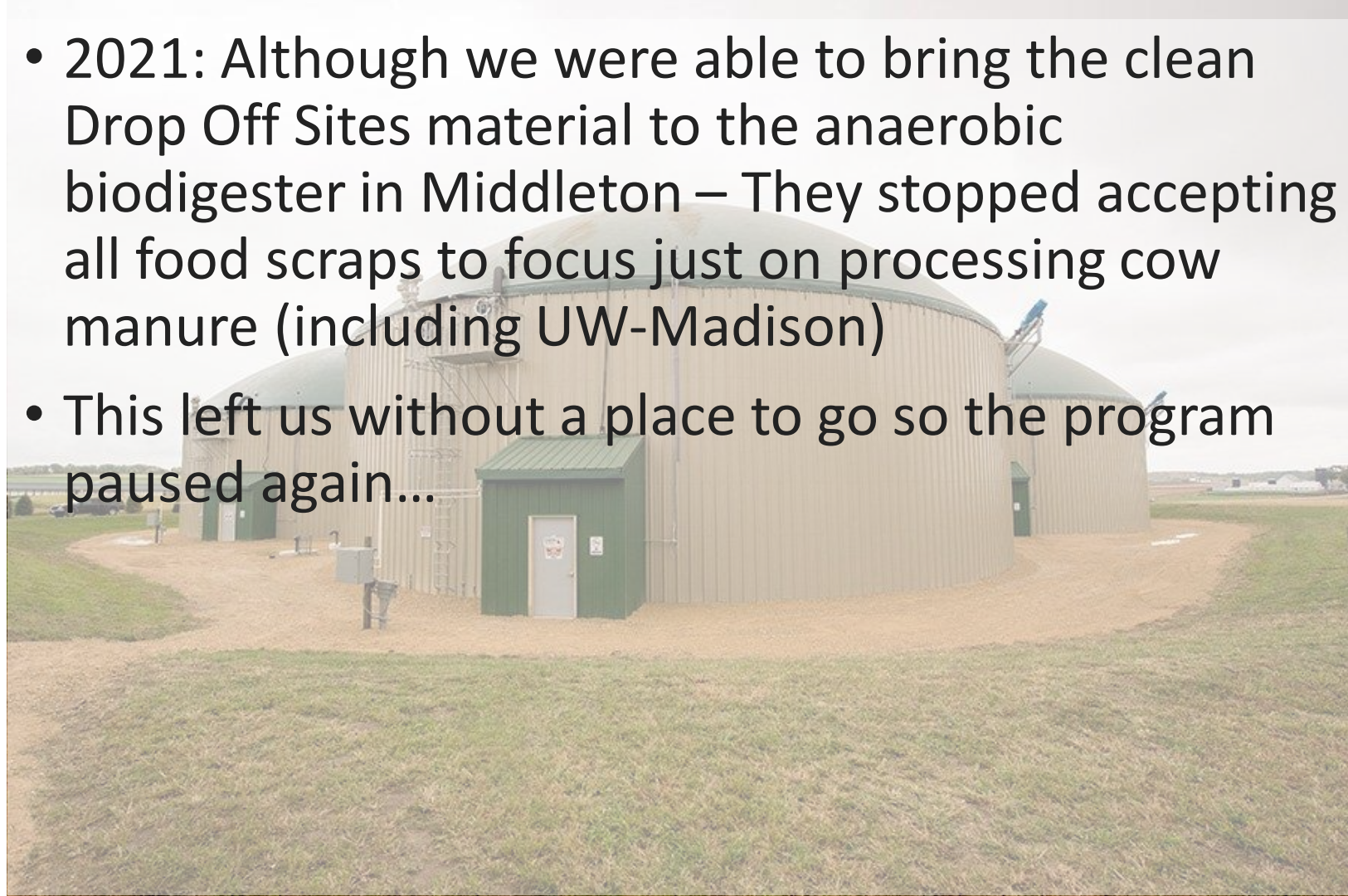
Update: Food Scraps



- 2020: Drop-off sites!
- By making it a drive-to location, more likely to be clean
- More residents can participate than a curbside limited pilot area
- Pandemic likely depressed participation, but the stuff was clean 😊

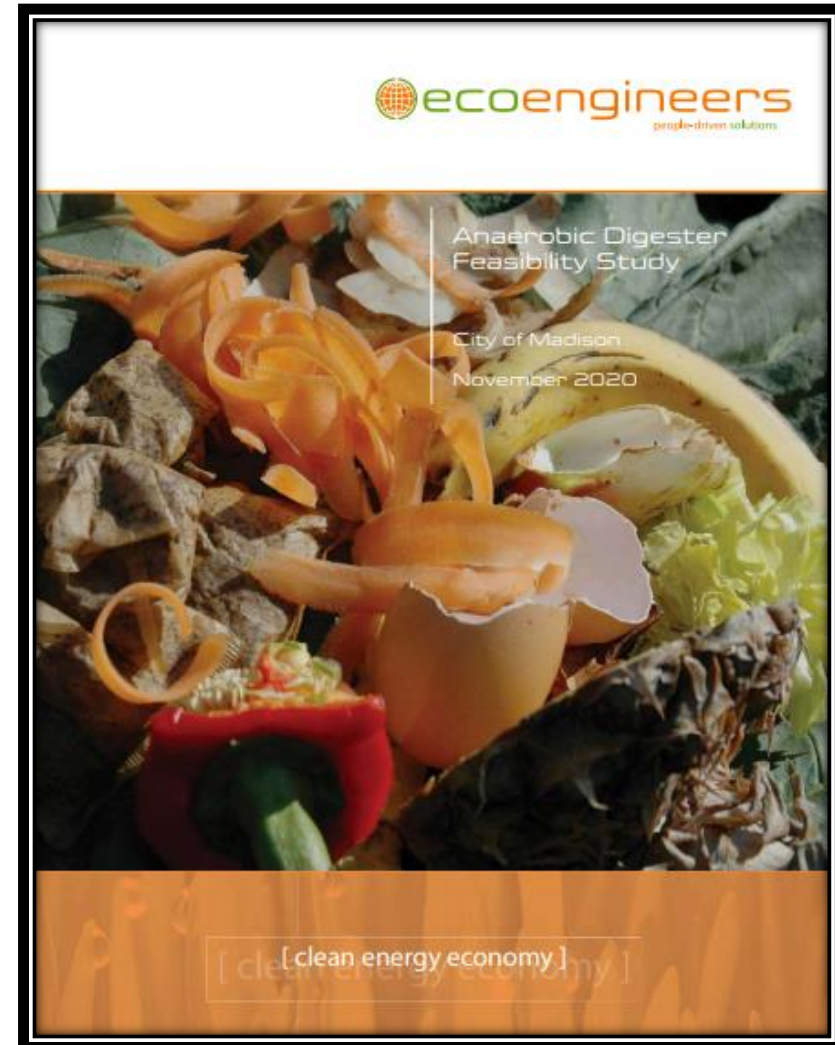
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- 2021: Although we were able to bring the clean Drop Off Sites material to the anaerobic biodigester in Middleton – They stopped accepting all food scraps to focus just on processing cow manure (including UW-Madison)
- This left us without a place to go so the program paused again...



Update: Food Scraps

- 2019 – Grant from the EPA:
“Feasibility Study for a Regional Food Waste Digester”
- March 2021: [63893](#) Accepting the Final Anaerobic Digester Feasibility Study from EcoEngineers.



Update: Food Scraps

- January 2021 (2.5 Years)

“City of Madison Accepted into Great Lakes Cohort of NRDC’s Food Matters Initiative”

- The other communities in the Great Lakes cohort include Chicago, Cincinnati, Make Food Not Waste in Detroit, and the Solid Waste Authority of Central Ohio for Franklin County.



Update: Food Scraps

- 08/31/2021 - Resolution
- [66663](#)
- **“Adopting a Resolution to address food waste that has the support of the Sustainable Madison Committee and the Madison Food Policy Council”**



- “Sets a food waste diversion goal of 50% from the landfill by 2030 and commits to establishing metrics for measuring and tracking progress.”

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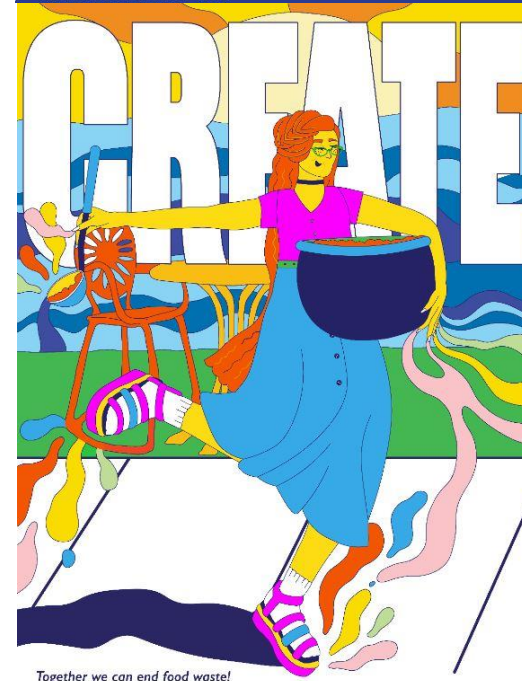
- Awareness Campaign:
- **“Plan, Use, Create and Scrap.”**
- <https://www.cityofmadison.com/streets/food-scraps/>



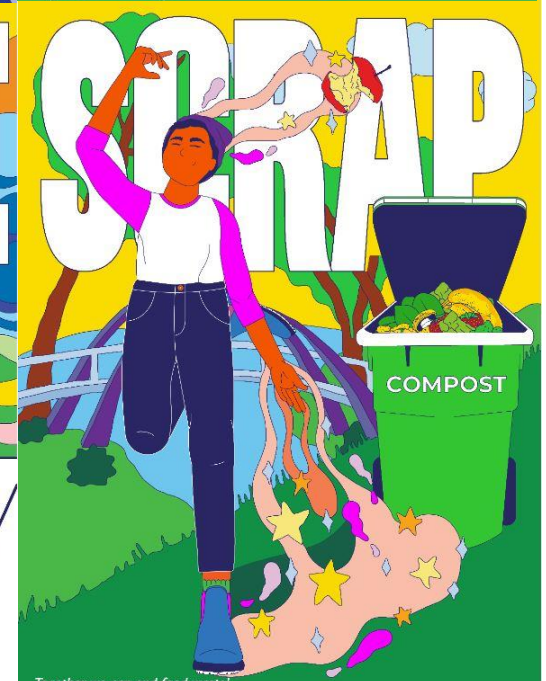
Together we can end food waste!



Together we can end food waste!



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- [67131](#) City of Madison Sponsorship of the Annual Compost Bin and Rain Barrel Community Event.



**PLAN USE
CREATE
SCRAP**



Update: Food Scraps

- NREL: Waste-to-Energy Technical Assistance Grant (40 Hours)



Bioenergy

Research ▾

Staff

Impacts

Data & Tools ▾

Facilities ▾

Work with Us

🏠 » Bioenergy » Waste-to-Energy Technical Assistance for Local Governments

Analysis & Characterization

Biochemical Processes

Enzyme & Microbial
Development

Process Development &
Integration

Biomass Deconstruction &
Pretreatment

Biogas Upgrading & Waste-
to-Energy

Biological & Catalytic
Conversion of Sugars &

Waste-to-Energy Technical Assistance for Local Governments

NREL provides U.S. local governments with technical assistance to advance waste-to-energy (WTE) technologies on behalf of the U.S. Department of Energy Bioenergy Technologies Office (BETO).

The technical assistance addresses knowledge gaps, specific challenges, decision-making considerations, planning, and project implementation strategies related to WTE. The WTE resources considered include organic waste such as food waste, wastewater sludge, animal manure, and fats, oils, and greases.

Eligibility

All U.S. municipalities in the lower 48 states, Alaska, Hawaii, and U.S. territories, as well as tribal governments, are eligible for WTE technical assistance at no cost. Entities representing multiple municipalities are also eligible. Note: A community does not have to have an existing or planned waste resource or energy recovery project to be eligible.

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- Shhh...



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With clock ticking on Dane County landfill, focus turns to reducing food waste

Chris Hubbuch | Wisconsin State Journal
Jul 24, 2021



Garbage piled roughly as high as a seven-story building waits to be compacted at the Dane County landfill. Organic material — including food waste and yard clippings — account for about 30% of the trash deposited. Plastic accounts for about 17%.

https://madison.com/wsj/news/local/environment/with-clock-ticking-on-dane-county-landfill-focus-turns-to-reducing-food-waste/article_f9a230f3-5d08-5471-b26f-11e6de370d65.html

DEPARTMENT OF NATURAL RESOURCES | LANDFILL STUDY

Wisconsin landfill study finds tons – literally – of wasted food

ELIZABETH DOHMS-HARTER Wisconsin Public Radio News
Sep 20, 2021



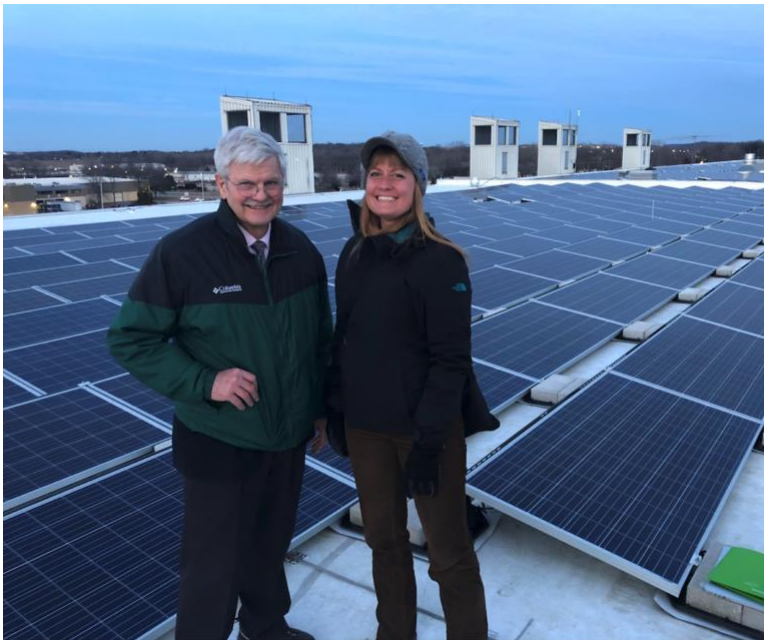
Solid waste samples are prepared for sorting. Organics, including food waste and scraps account for about 30% of Wisconsin's landfill waste by weight, a study found.

WISCONSIN DEPARTMENT OF NATURAL RESOURCES

https://madison.com/wsj/news/local/environment/wisconsin-landfill-study-finds-tons-literally-of-wasted-food/article_3d95cda8-6cbe-5902-a01b-bf041296d83d.html

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THANK YOU! – Q & A



Source: RENEW Wisconsin

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