

# Chomp's solution for stadium & arena food waste



**Arenas and stadiums are increasingly adopting sustainable practices in response to pressures from players, musicians and fans.**

- ✓ Mercedes Benz Stadium in Atlanta became the first sports venue in the US to achieve LEED Platinum Certification in 2017.
- ✓ Footprint Center in Phoenix is working to eliminate single-use plastics from its arena.
- ✓ Climate Pledge Arena in Seattle became the first net zero certified stadium in the world.

These businesses have a fantastic platform for better environmental stewardship in their communities and are setting the standard for stadiums and arenas across the country.

Chomp's containerized, wholly odor-free anaerobic digesters are purpose-built for arena and similar venue organic waste. Our units transform pre- and post-consumer food waste into energy for on-site consumption, significantly reducing waste hauling fees and grid energy costs and avoiding potential landfill penalties as more states enact food waste to landfill regulations.





## How our solution works

**Anaerobic digestion (AD) uses naturally occurring microbes to break down organic matter.**



The process generates a versatile biogas that can be used onsite to produce heat, hot water, or electricity, or that can be upgraded to biomethane and used as a replacement for fossil fuel.



Another output of the AD process is nutrient-rich biofertilizer that can be used directly as a soil amendment or water replacement on arena grounds or community agriculture.

Our units immediately convert food waste into a liquid emulsion that is transferred to a dosing and holding tank, so we can accommodate for irregular events and feeding. We design our system components to meet the demands of our customers' food waste cycles and volumes. We can work with you to design a food service program where all your kitchen trim, grease trap waste, tableware and paperware can be digested by our units, leaving little to no waste to be composted or hauled away.

Our solution also enables community resiliency: food waste and the AD units are managed by local workers and the benefits of the renewable energy and biofertilizer produced during the process remain in the community. It's a wonderful ESG story from top to bottom.

Chomp's AD solution is a powerful resource recovery tool for venues that want to manage their waste sustainably, save money and reduce their greenhouse gas emissions. In the race to get to carbon neutrality, Chomp's onsite systems send a strong message to fans, players, performers and sponsors.

## Carbon drawdown

Implementing an anaerobic digestion system and making beneficial use of the byproducts of the process reduces greenhouse gas emissions. The amount of reductions varies based on several factors including your food waste quantity, method of food waste disposal, and energy use. We work with you to estimate the reductions quantity and carbon credit value for your particular project(s).

## Payback periods

Factoring for favorable government tax credits and depreciation incentives available through 2024, many of our units—especially our larger units—can pay back in ~2 years.

## Production time

Our units generally ship within 6 months of order, though delivery can vary based on our production pipeline. We can provide a more accurate project timeline with a formal scope of work.

## Accepted waste

- kitchen trim
- post-consumer food scraps
- meat
- fats
- grease & fryer oil
- all edible liquids
- small bones
- paper products
- napkins
- paper towels
- waxed paper
- lightweight wood tableware
- seafood
- dairy products
- starch
- sugar
- fruits
- vegetables
- alcohol
- grease trap waste
- condiments
- eggshells
- glycerin
- grass clippings
- leaves & small sticks
- other yard waste

