

The Peanut Butter Project:

Diverting Food Waste Away From The Landfill

Food waste is a big problem. The United States alone produces nearly 130 billion pounds of food waste annually, and the cost of disposing of it is enormous. On top of that, food waste is an environmental issue that worsens with population growth and climate change.

But what if there was a way to help companies reduce the food waste they produce? What if we could help them divert that excess food waste into something more sustainable?

Project Snapshot

When a Fortune 500 food firm recalled a vast amount of peanut butter, they faced a tremendous problem: what to do with hundreds of thousands of pounds of contaminated peanut butter?

The solution? Get it out of the way as soon as you can. But that doesn't mean you have to eliminate it—you can profit from it! CheckSammy, a sustainability company, devised a strategy to assist businesses in reducing the amount of food waste they generate: they collect and dispose of extra organic material.

Client Snapshot

A Fortune 500 food firm had tons of recalled peanut butter that needed to be disposed of, but they were unwilling to send it all to a landfill and add to food waste. CheckSammy was able to help!

The Problem

They needed an alternative to sending contaminated peanut butter to landfills. Contaminated peanut butter creates a huge problem. It usually gets dumped, and that's not good for anyone. Food waste is a big issue in America, both for the environment and for companies that have to pay for it.

They needed to find a way to cut down on food waste in the world, and they were tired of seeing peanut butter go to landfills. They hoped that by finding an alternative use for their peanut butter, they could help reduce the amount of food waste in the world.



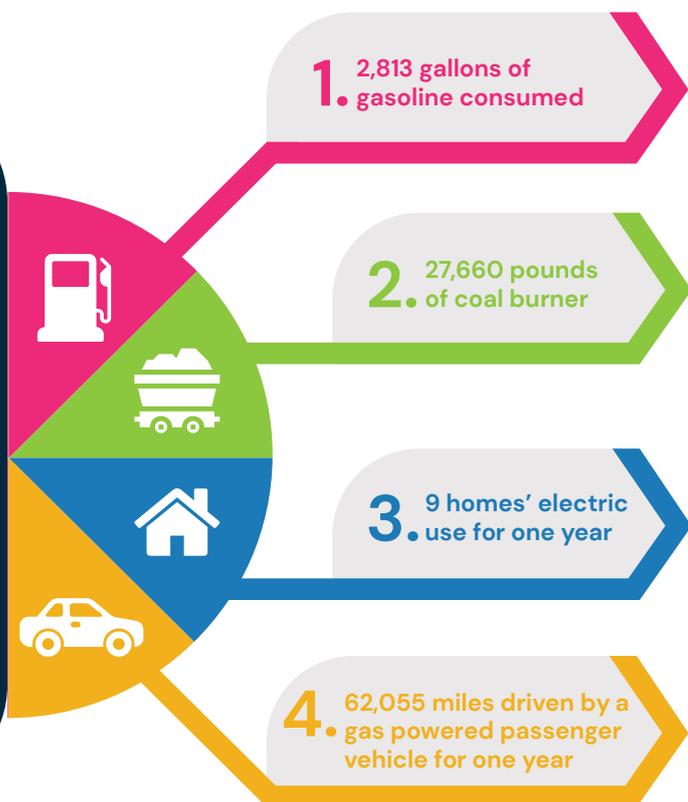
The Solution

They contacted CheckSammy, and we removed 208 pallets of peanut butter from their warehouse. We disposed of some organic material and collected 130,000 pounds of food waste in 6 hours using six 53-foot semi-trucks. In total, 130,000 pounds were collected for diversion.

This was all made possible by using an anaerobic digestion facility.



25 tons of  is equivalent to emission from



Conclusion

Food is placed in a digester machine, where it is broken down. Biogas, a mixture of methane and carbon dioxide, is produced as a byproduct. This byproduct is useable energy that, when used at CheckSammy, recycles all the peanut butter and provides the townspeople with affordable and sustainable energy. Furthermore, the plastic jar lids that had never come in contact with the peanut butter had effectively been recycled.

We have a lot to learn about the environmental consequences of food waste. But with enough education and awareness, we can make a significant difference. We are pleased to report that this effort saved almost 25 tons of CO₂ from being discharged into the sky. And that's just one example—there are plenty of other ways your town can reduce its carbon impact!

