

enevo

+ a Top 10 American University

How our tech suite reduced collections by 61% for a cleaner, greener, more efficient campus.

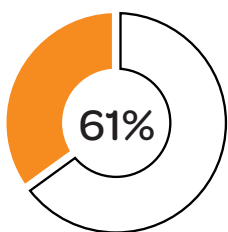
When this renowned university was looking for better waste services, Enevo installed its smart waste sensors across campus to monitor waste behavior and create custom collection schedules. Personalized waste insight allowed for informed adjustments, significantly reducing collections, lowering costs, decreasing campus traffic and noise, and creating a greener, more peaceful campus environment.

More than **100 sensors** autonomously measured container fill levels and recorded waste and recycling disposal and collections. As sensors collected data, Enevo's proprietary advanced analytics software evaluated and anticipated waste behavior.

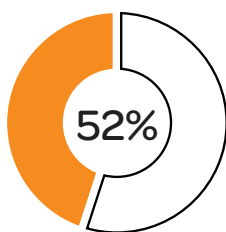
Sensor data revealed that the university wasn't utilizing 80% of their container capacity, leaving a lot of empty space and conducting a lot of unnecessary collections. The university utilized the Enevo system and data to adjust their collection schedule to match actual waste production, **reducing collections by 61%**.

Fewer collections resulted in less run time for the university's waste truck, creating a **52% reduction in hours driven** and a **19% reduction in miles driven**. Operating the truck efficiently further resulted in a **CO₂ reduction of 4.77 metric tons per year**.

Streamlining collections alone cuts costs, given the operation costs of a specialized waste collection truck, Enevo **saved the university \$105,734 dollars per year** — that's enough to cover tuition for 1.5 students!



reduction in collections



reduction in drive time

Eliminated **4.77 tons** of annual carbon emissions

\$105,734
annual savings

Achieving campus-wide sustainability is a dynamic effort, but by implementing Enevo technology, the university is operating its waste services in an idealized fashion. With less collection activity, the university was able to reduce required resources for collections, reduce carbon emissions caused by waste collection trucks, and reduce trash-related chaos.