

Success Story: Clean World and CalRecycle's RMDZ loan program

Narrator: Food waste — it's the largest single component of California's waste stream. As it decomposes in landfills, food waste creates methane, a potent greenhouse gas. CalRecycle is working to reduce waste going to landfills by 75 percent by the year 2020.

Through our Recycling Market Development Zone loan program, CalRecycle lent \$2 million to Clean World, an innovative Sacramento company that's converting food waste into clean energy in a process called anaerobic digestion.

Michele Wong, CEO, Clean World: My name is Michelle Wong, I'm the Chief Executive Officer of Clean World. We're here today to celebrate the official launch of Clean World's Sacramento digester. We are proud that the Sacramento biodigester will create renewable energy and dramatically reduce greenhouse gas, and support sixteen good-paying, permanent local jobs.

Shawn Garvey, Vice President, Clean World: The feedstock for this facility comes from all over the greater Sacramento region. Earlier this morning, we had feedstock from the dining commons at University of California, Davis. Campbell's soup cans, outdated Campbell's soup product, will be loaded into the pit and go up the conveyer into the Doda. The Doda machine will separate the cans from the organic material. The organic material will then be fed as a slurry into the first tank, and the cans will be disposed out the back end for recycling.

Kathryn Oliver, Applications Engineer, Clean World: Any solid fibers will go to composting or vermicompost. The liquid is actually upgraded to soil amendment products and fertilizers. One of our partners on this project, Atlas Disposal, is actually purchasing all of our renewable natural gas for transportation fuel for their fleet, as well as other fleets as we expand and grow. We're going to have more natural gas on this site than they can actually use, and they'll be offering it to school districts and school buses, and it'll be really awesome to see how full-circle this project is, that the waste-hauling trucks that are bringing their food waste in are actually fueling up on the products of that food waste when they leave.

Caroll Mortensen, Director, CalRecycle: (The) Recycling Market Development Zone loan program is a great fit for anaerobic digestion and businesses such as Clean World. It's going to help us divert a lot of that food waste away from landfill disposal in California. By keeping food waste out of landfills, we'll reduce greenhouse gas emissions and, through anaerobic digestion, we produce a low-carbon fuel.

Narrator: CalRecycle has approved and funded 170 RMDZ loans totaling approximately \$120 million. The program is funded solely from the repayment of outstanding loans. For more on CalRecycle's RMDZ loans, go to our website at calrecycle.ca.gov For more information on Clean World, visit cleanworld.com