

WASTE MANAGEMENT WORLD

SCS Engineers Sustainable Generation organic waste composting business news



In October, Republic Services' Otay Compost Facility at the Chula Vista, California, Otay Land II opened for business. The compost facility helps communities in San Diego County meet the requirements of California's SB1383 law mandating the diversion of organic waste from landfills.

The composting facility designed by **SCS Engineers** in collaboration with **Sustainable Generation** operates completely off the grid using solar energy. It is the first fully solar-powered compost facility in the state and can process 100 tons of organics per day, with plans to double capacity by year-end.

Both organics recycling and reuse leaders, Republic Services hired SCS Engineers to design the Otay Compost Facility. The design uses renewable energy to run 100 percent of the composting operations at the site. The facility design includes using technologies to speed the maturation rates and reduce excessive odors. Blowers to aerate the organic material, oxygen and temperature sensors, and advanced compost cover technology produce a high-quality product.

As California collects and recycles organic materials from homes and businesses, local governments will use the products made from recycled organic material for compost and mulch. Recycling organic waste into compost creates a nutrient-rich soil amendment, preserving natural resources and reducing water consumption working within a circular economy. This California jurisdiction is ready for the SB1383 deadline on January 1, 2022.

Please watch the [YouTube video](#) to see the facility and learn more about its environmental value.