

# IPS Composting System: Mont De Marsan, France

Mont de Marsan composts biosolids produced by 30 small wastewater treatment plants in southwestern France. SYDEC, the biosolids utilities authority, conducted a study in 2001 and concluded that composting offered the best overall approach to address changing regulations and to boost the region's growing agricultural industry. Area farm soils are sandy and lack humus. For many years farmers land applied biosolids but preferred a higher quality product such as compost to improve loamy soils.

Designed and constructed by Veolia Water Systems/OTV, the ten wide-bay composting facility utilizes the Siemens IPS Composting System to process biosolids and greenwaste.

Trucks deliver dewatered biosolids to an enclosed receiving pit and offload shredded greenwaste in a covered storage area.

A grapple transfers biosolids to a mixer located inside the composting facility and a front end loader adds the proper ratio of greenwaste. The blended mixture is transferred to the front of the composting bays where an automated agitator mixes and moves the material from the front end to the discharge end of the bays over the next 18 days. The composted



material is transferred to a curing area in the same building where it matures for 28 days before it is screened. After screening, the compost is distributed to farmers or stored in two separate partially covered structures for up to six



## Mont De Marsan, France

**Owner:** Syndicat Mixte Departemental d'Equipelement des Communes des Landes (SYDEC)

**On Line:** December 2004

**Engineers:** Veolia Water Systems/OTV-SUD Ouest, Veolia Environnement

**Capacity:** 16,000 wet tonnes biosolids

**Processing:** Biosolids with Greenwaste

**Facility Size:** 10 bays, each 45 m long x 3 m wide x 2.44 m high; 4700 square meter (sm) composting and curing building; 50 sm MCC and office; 500 sm amendment building; 2000 sm compost storage.

**Odor Control:** Two chemical scrubbers followed by two 500 sm biofilters

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