





AXIS	CATEGORY
Circular Economy	Anaerobic Digestion of Bio-waste and/or Sewage Sludge
<b>Short Description</b>	
Facilities and services related to composting of bio-waste	

## 10 - Production of renewable energy through composting plants



Acea Ambiente owns an integrated system of waste management and two plants aimed at specifically creating compost, where it is also possible to gather electric and thermal energy in the anaerobic digestion sections, thanks to specific realised and undergoing investments. The organic matrix coming into the anaerobic digestion section in fact gets biologically degraded and thus produces biogas, caught to produce 100% renewable energy for the market.

**PROJECT STATUS:** ongoing

**LOCATION:** Latium, Umbria and Tuscany, Italy

**GREEN BOND ALLOCATION**

ALLOCATION		
Total financed amount (€ million)	2019	2020
48,62	43,20	5,42

### Environmental performance indicators

KPI	UOM	2020
Biogas based electric energy produced and served in the network	Mwh	18.715
Installed power	MW	6,96
Gross electric energy produced/waste sent to treatment to the Aprilia, Monterotondo Marittimo, Orvieto plants	MWh/t	0,1216
Averted emissions to produce electric energy (*)	tCO <sub>2</sub>	6.737

(\*) Calculations refer to the Terna 2019 national mix conversion factor.