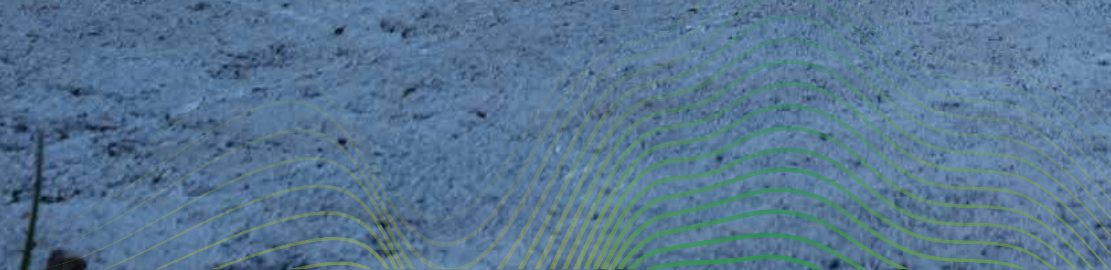


**TAKE YOUR
COMPOST
HERE**



 **acea**
Innovation

ION



AXIS	CATEGORY
Circular Economy	Anaerobic Digestion of Bio-waste and/or Sewage Sludge
Short Description	
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	2021	2022
62.31	43.20	5.42	8.35	5.34

Environmental performance indicators

KPI	UoM	2020	2021	2022
Biogas based electric energy produced and served in the network	MWh	18,715	15,962	20,243
Installed power	MW	6.96	6.96	6.96
Gross electric energy produced/waste sent to treatment to the Aprilia, Monterotondo Marittimo, Orvieto plants	MWh/t	0.1216	0.1256	0.1363
Avoided emissions to produce electric energy (*)	tCO ₂	6,737	5,746	7,287

(*) Calculations refer to the Terna 2019 national mix conversion factor, when the project started.