

BIOWASTE RECOVERY TO PRODUCE COMPOST AND BIOMETHANE - FERRANIA (SV)

CATEGORY

Waste management efficiency and recycling (Waste collection and sorting upgrades)

LOCATION



AMOUNT

Full project amount (€ millions)	Financed amount (€ millions)
18.1	9.3 (GB4) 8.8 (GB3)

DESCRIPTION

The second of July 2019, Iren Ambiente acquired the whole property of FERRANIA ECOLOGIA, owner of an existing plant. The total cost of the acquisition is around 8.8 million Euros.

The plant actually treats 30,000 t/y of bio-waste municipal waste which are turned into compost.

In 2018, the local authority approved to increase the total amount of waste from 30,000 t/y to 60,000 t/y, to which 20,000 t/y of compostable waste are added for a total of 80,000 t/y. In meantime approved the production of Biomethane.

The aim of the project is the construction of a bio-waste treatment plant exploiting the organic and green waste collected in the Liguria region, in particular in the provinces of Savona and Genoa, and for remaining part the bio-waste available on the market.

The proposed plant falls into the category of projects identified in Annex IV, Part Two of Legislative Decree 152/2006.

The Biomethane is produced in accord to the incentivisation law of the biofuel and biomethane, D.M. 2.3.2018



ENVIRONMENTAL PERFORMANCE INDICATORS

KPI	Unit of measure	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Production of compost (% on organic fraction in input)	%									11%	15%	15%
Production of biomethane	SMm3										4	4
Avoided CO2 emissions from fossil sources per operating year	t										7,888	7,888
Primary energy saving per operating year	Tep										6,270	6,270