



Selective Collection
Of The Organic Waste
In Tourist Areas

Compostela Inserta

Manager: Council
Location/Country: Santiago de Compostela
(A Coruña, Galicia, Spain)
Year of implementation: 2008

Brief description: Composting facility to manage green wastes from public parks and gardens in turned windrows. It was also the first school to train students about composting process and how to manage a composting facility (machinery, controls, maintenance...), so at the end of the course they could find a job in other composting facilities. Those students were people from groups in risk of social exclusion.

CAPACITY AND FLOWS

Total capacity (t·y⁻¹)	2.500
Biowaste treated	Grass cuttings, hay, leaves (EWC: 20 02 01)
Origin of the biowaste	Parks and gardens in the city, professional gardening
% impurities	< 1,5%
Quantity treated (t·y⁻¹)	1.650
Bulking/complementary material	Wood, tree and bush cuttings (EWC: 20 01 38)
Quantity treated (t·y⁻¹)	235

COMPOSTING SYSTEM

Fermentation phase	Turned windrows
Time (weeks)	8
Maturation phase	Turning heap
Time (weeks)	12
Other remarks	-

COMPOST

Impurities in the compost (%)	< 0.5%
Quality / End-of-waste	Class A - RD 824/2005 ES
Self - consumed (%)	0%
Sold (%)	100%
Main customers	Garden centers / private users
Sell price (€·t⁻¹)	30

ECONOMIC ASSESSMENT

Investment (€)	210.243
Yearly cost (€)	115.310
Treatment cost (with amortization) (€·t⁻¹)	46
Treatment cost (after amortization) (€·t⁻¹)	32
Saving compared to the conventional processing (€·t⁻¹)	23

Partners



Associates

ACR+ (Association of Cities and Regions for Recycling and Sustainable Resource Management) / ARC (Waste Agency of Catalonia) / CRRSZZ (Rabat Region Salé Zemmour Zaer) / Municipalité de Djerba Houmt Souk / KEPA-Business and Cultural Development Centre



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