



Selective Collection
Of The Organic Waste
In Tourist Areas

Mancomunitat La Plana

Manager: Council

Location/Country: Mancomunitat La Plana

Year of implementation: 2005

Brief description: A composting site designed to grow modularly to be able to offer service to more than 30.000 inhabitants of the Mancommunity of La Plana gradually.

CAPACITY AND FLOWS

Total capacity (t·y⁻¹)	4.000
Biowaste treated	Kitchen and canteen waste (EWC: 20 01 08)
Origin of the biowaste	Source separated collection from households
% impurities	< 1,5%
Quantity treated (t·y⁻¹)	1.000
Bulking/complementary material	Wood, tree and bush cuttings (EWC: 20 01 38)
Quantity treated (t·y⁻¹)	400

COMPOSTING SYSTEM

Fermentation phase	Composting modules with force aerated system
Time (weeks)	12
Maturation phase	Turned windrows
Time (weeks)	24
Other remarks	Mixture with unifeeder

COMPOST

Impurities in the compost (%)	< 1%
Quality / End-of-waste	Class A - RD 824/2005 ES
Self - consumed (%)	Promotional use
Sold (%)	Mostly
Main customers	Public gardening / Gardening companies
Sell price (€·t⁻¹)	35

ECONOMIC ASSESSMENT

Investment (€)	-
Yearly cost (€)	-
Treatment cost (with amortization) (€·t⁻¹)	-
Treatment cost (after amortization) (€·t⁻¹)	-
Saving compared to the conventional processing (€·t⁻¹)	-

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



Project
funded by the
EUROPEAN UNION



"The project SCOW is implemented under the ENPI CBC Mediterranean Sea Basin Programme (www.enpicbmed.eu). Its total budget is 4,97 million Euro and it is financed, for an amount of 4,47 million Euro (90%), by the European Union through the European Neighbourhood and Partnership Instrument. The ENPI CBC Med Programme aims at reinforcing cooperation between the European Union and partner countries regions placed along the shores of the Mediterranean Sea."