



Selective Collection
Of The Organic Waste
In Tourist Areas

Freistadt Farm Composting

Manager: Local farmers
Location/Country: Freistadt / Austria
Year of implementation: 1992

Brief description: Farmers separately collect the biowaste from local towns. It is composted in simple composting facilities in their farms and they use the compost for self-consume or sale. This is a new source of income for farmers through community activities in the services sector, promoting awareness in the public process and strengthening regional employment situation.

CAPACITY AND FLOWS

Total capacity (t·y⁻¹)	3.000
Biowaste treated	Kitchen and canteen waste (EWC: 20 01 08)
Origin of the biowaste	Source separated collection in towns and villages
% impurities	< 2,5%
Quantity treated (t·y⁻¹)	2.300
Bulking/complementary material	Wood, tree and bush cuttings (EWC: 20 01 38)
Quantity treated (t·y⁻¹)	720

COMPOSTING SYSTEM

Fermentation phase	Turned windrows
Time (weeks)	6
Maturation phase	Turned windrows
Time (weeks)	8
Other remarks	Turned machine towed by a tractor

COMPOST

Impurities in the compost (%)	< 1%
Quality / End-of-waste	Austrian Compost Ordinance / End-of-Waste Directive EU
Self - consumed (%)	70 - 90%
Sold (%)	10 - 30%
Main customers	Private gardeners
Sell price (€·t⁻¹)	30

ECONOMIC ASSESSMENT

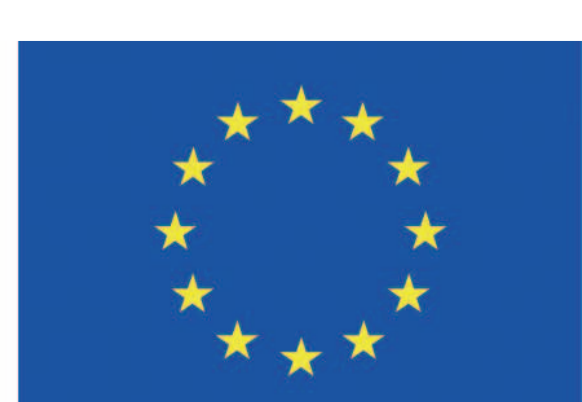
Investment (€)	90.000
Yearly cost (€)	35.000
Treatment cost (with amortization) (€·t⁻¹)	54
Treatment cost (after amortization) (€·t⁻¹)	45
Saving compared to the conventional processing (€·t⁻¹)	15

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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