

STRATEGIC PROJECT

Contributing to the implementation of sustainable methods for integrated waste treatment and recycling



SCOW

Selective collection of the organic waste in tourist areas and valorization in farm composting plants



Project
funded by the
EUROPEAN UNION



REGIONE AUTONOMA DE SARDIGNA
REGIONE AUTONOMA DELLA SARDEGNA

The project in brief

The generation of organic solid waste is rising significantly everywhere in the Mediterranean region due to population's increase and development of industrial and agricultural sectors. This situation causes growing pressure on groundwater, soil and air and calls for strategies allowing for sound waste management systems.

In addition to the lack in some Mediterranean countries of separate collection of municipal solid waste, the implementation of integrated waste management plans at local level is still undermined by the high costs of transport and treatment. In this framework, **SCOW** focuses on the collection of organic waste in tourist areas with a view to valorizing biowaste as compost for sustainable agriculture practices.

Beneficiary

Urban Ecology Agency of Barcelona (Spain, Cataluña)

Partnership

1. Development Agency Gal Genovese (Italy, Liguria)
2. Local Councils' Association (Malta)
3. House of Water and Environment (Palestine)
4. Upper Galilee Regional Council (Israel)
5. MIGAL - Galilee Technology Center (Israel)
6. SYVADEC (France, Corse)
7. Environment Park SpA (Italy, Piemonte)

Specific objective

To develop a low cost, low tech, high quality biowaste management integrated system, ensuring sustainable methods for the collection and treatment by involving all relevant waste treatment stakeholders and enhancing their knowledge

Expected results

- Integrated and improved waste collection and recycling organic waste system, with small farm composting plants developed in the agricultural holdings situated near the tourist areas
- Increased quantity of collected biowaste in the areas concerned by the project (approximately 7.000 tons per year)
- Quality compost obtained from treated organic waste (approximately 2.000 tons per year) and used for agricultural purposes
- New jobs opportunities created by the collection, transport and treatment processes of organic waste
- Additional source of income made available for farmers thanks to the compost sale

Main activities

- Comprehensive analysis of the organic waste management system in the concerned areas
- Definition of an integrated organic waste management model to be adapted to each project area
- Creation of 10 farm composting plants
- Development of a marketing strategy for the compost commercialization
- Training sessions and awareness raising campaigns

Target groups

- Farmers involved in waste treatment activities
- Organic waste producers (tourists, hotels, restaurants)
- Companies of the waste collection and/or treatment sector
- Local authorities

Final beneficiaries

- Local populations
- Farmers using the compost

Duration

36 months (January 2013 - December 2015)

Budget

- Total budget: € 4.970.579
- Programme contribution: € 4.473.521 (90%)
- Project co-financing: € 497.058 (10%)

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