

# ZeroWaste



The project "**Low Cost - Zero Waste Municipality**" bearing the acronym "**ZERO WASTE**", implemented within the programme MED 2007-2013, Objective 2.1 "Protection and enhancement of natural resources and heritage", aims at developing an integrated Zero-waste management system with the aim to minimize waste production and to maximize resources and energy in the areas participating in the project, as well as to systematically and dramatically reduce the amount of waste that ends up in landfills and dumps, deviating the amount of materials and resources in order to re-use them and include them in recycling schemes and processes. In addition to that, the project will promote the re-use and recycling methods which act as drivers of economic activity and sustainable development for the territories that participate in the project.

By converting waste into valuable products, recycling creates jobs, contributes materials to manufacturing and adds significant value to the entire economy. The inclusion of home and community composting and Pay As You Throw (PAYT) methodologies are a significant part of the project's realisation, including the involvement of stakeholder groups of local and national institutions with the aim to overcome barriers and to guarantee waste minimization.

This attempt is the hardest challenge nowadays, especially for Mediterranean countries due to some of their particularities like "lax" mentality, limited controlling mechanisms, mistrust against authority, advancing desertification and the need for carbon sequestration as well as impacts of unsustainable waste management in the Mediterranean basin. To tackle this challenge, the project will concentrate on targeted sensitization actions and will realise the following main activities:



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1. Management and coordination of the project
2. Information, communication and capitalization measures targeted to professionals, politics and general public: Project Communication Plan; web site, leaflets, posters, publicity material; Press and Media Campaign; Info Days with thematic workshops & exhibitions.
3. Zero waste strategies and applications: Development of zero waste systems surveys and analysis to evaluate waste management methods by municipalities; Study of the operational requirements for the implementation of municipal composting facilities for household biowaste; pilot application of household composting in 25 municipalities (5 per country) for two years in at least 70 households per municipality
4. Exchange of Experiences: Inventories on best and worst practices and transnational SWOT analysis; Workshops on waste management methods and common resolution on zero waste application
5. Implementation procedure of alternative waste management schemes in municipalities, composed of 7 targeted themes and of practical guidelines for each pilot municipality; development of Regional Policy tools: an overall handbook on the implementation procedure of alternative waste management schemes and an Interactive Decision Support Tool; Involvement and exchange of know how for Municipal servants, policy makers and other stakeholders.

## PARTNERSHIP:

**Efxini Poli** – Local Authorities Network for Social, Cultural, Tourist, Environmental and Agricultural Development GREECE (Lead partner)

**Ecological Recycling Society** GREECE

**Aristotle University of Thessaloniki, Laboratory for Heat Transfer and Environmental Engineering** GREECE

**BRGM** - Regional Geological Survey of Provence Alpes Côte-d'Azur FRANCE

**Scientific Research Centre Bistra Ptuj** SLOVENIA

**Municipality of Ragusa** ITALY

**ASAEL** - Aragonese Association of Local Authorities SPAIN



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