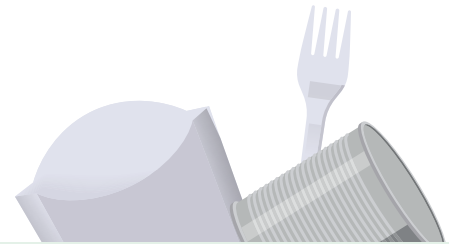


“Development of Pilot Rewarding Mobile Recycling”

/ Rhodes



Description of the good practice

The Municipality of Rhodes is the local authority of one of the most important touristic destinations in Greece. As a result, the Municipality has to face all the important challenges that tourism poses, including seasonality, increased per capita waste production, and typical waste composition etc. In addition to the above, Rhodes touristic product is based, to a great extent, on large scale 3S (Sea, Sun, Sand) tourism, which is associated with higher environmental stresses.

One of the main issues that the Municipality of Rhodes is facing during the tourist seasons is the seasonality and in particular the important difference between the overall production of waste between the low and high touristic season.

Moreover, an important aspect of Rhodes, in particular, is its insular nature, which increases the cost and threatens the financial viability of waste management schemes. Reduced waste production will have multiple benefits for Rhodes as an island and the Municipality as an organization; there will be less need for imported material, while lower per capita waste production would increase the financial sustainability of the management system.

The Municipality of Rhodes has benefited from the introduction of tools, methods, techniques and action plans that ensures that the investment in the tourism sector continues to generate high returns, while at the same time it safeguards the sustainability of the economic activity and the quality of life of the local population.

Rhodes Municipality will procure one Mobile Rewarding Recycling Center. The Pilot activity will operate around the year aiming at anticipating emerging needs in waste production. During the summer season it will be located in crowded areas while in the rest of the year it will be located to public buildings (schools, hospital or other).



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Results

The Mobile Recycling Center is state-of-the-art technology equipment, for the source separation and separate collection of recyclable waste, in one single processing step with automatic procedure of all necessary activities, reception, separation, processing and storage of recyclable materials.

The ability of Mobile Recycling Center is to cover seasonal recycling needs, simultaneously in numerous areas with great waste generation, without the need for creating any recycling infrastructure at these points.

The role of the Municipality is valuable as it can contribute decisively in main ways such as attracting and encouraging voluntary groups, associations, actors, active citizens and members of the educational and school community of the Municipality.

Type of waste

Recyclable materials such as glass, metals, plastics.

Location

The areas where the pilot activities will be implemented are the beaches of Tsambika and Faliraki (most crowded beaches of Rhodes island) and some beaches which are visited mainly by locals such as Afandou beach.

Volume treated

30-40 tn/year.