

ISWM-TINOS:

Development and implementation of a demonstration system on Integrated Solid Waste Management for Tinos in line with the Waste Framework Directive

1st e-newsletter of the project ISWM-TINOS



1st Newsletter

November 2011



Municipality of Tinos



National Technical University of Athens



Università degli studi di Verona



Centre for Research and Technology Hellas/
Institute for Solid Fuels Technology & Applications

LIFE+
Environmental Policy &
Governance



The Project is
co-financed by LIFE+,
the EU financial
instrument for the
environment.

LIFE 10/ENV/GR/000610

Introduction

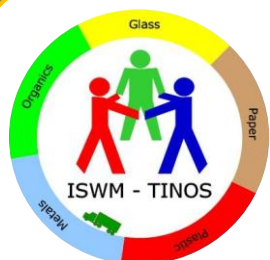
ISWM-TINOS is a LIFE+ Project co-funded by the European Commission. The duration of the project is 32 months starting on the 1st of October 2011.



The implementation of the project is taking place in **Tinos** Island, Greece under the coordination of the Municipality of Tinos and with the cooperation of the School of Chemical Engineering of the National Technical University of Greece, the Università degli Studi di Verona and the Institute for Solid Fuels Technology and Applications.

The **main objective** of ISWM-TINOS project is the development and evaluation of an Integrated Solid Waste Management scheme for solid waste in Tinos in line with the Waste Framework Directive 2008/98/EC. The ISWM scheme will include the separate collection of each type of recyclable (glass, metal, paper, plastic), as well as of biowaste (mainly kitchen waste) and the subsequent treatment of the collected biowaste with aerobic treatment (composting). The pilot scheme will be set for a sample of 100 households located in Tinos Island. Furthermore, the anaerobic digestion of the biowaste will be investigated at the experimental hall of the University of Verona in Treviso (Italy) with "synthetic" biowaste of the same characteristics with the biowaste generated in the Municipality of Tinos.

Identify ISWM-TINOS project!!



The logo of the project has been created!!!

The logo represents one of the main objectives of the project which is the separate collection of recyclables and of biowaste as proposed by Waste Framework Directive 2008/98 and emphasizes the need of **public participation** to achieve its objectives.

Kick-off meeting in Tinos

On November 4th 2011 in the morning, the **kick-off meeting** of ISWM-TINOS project was held. The kick-off meeting took place at the Meeting Room of the Tinos



Municipality Council at the Old Municipality Building in Tinos Island (Greece) with the participation of representatives from all beneficiaries.



You can download

Agenda



Presentations



Photos



MoM



from the kick-off meeting at http://uest.ntua.gr/iswm-tinos/?page_id=91

Launching event in Tinos

On November 4th 2011 in the afternoon, the **launching event** of ISWM-TINOS project took place at the Cultural Centre of Pyrgos in Tinos. The launching event had high public participation.

During the launching event the goals and the main actions of the project were presented. Furthermore, issues related to solid waste management, such as existing legislation and solid waste management treatment technologies, were discussed. The Pyrgos inhabitants were very happy that the Pyrgos was selected as the area for the project implementation.



Cultural Centre of Pyrgos, Tinos



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Poster



Brochure



Invitation



Agenda



Presentations



Photos



MoM



from the launching event at http://uest.ntua.gr/iswm-tinos/?page_id=91

Action 1

Action 1 includes the preparatory activities that will produce practical recommendations and information to be used during the implementation phase of the project.

The objectives of Action 1 are:

- ✎ Identification of needs and review of existing systems concerning municipal solid waste management in the Municipality of Tinos.
- ✎ Examination, review and analysis of the Greek and EU waste management policies and legislative framework.
- ✎ Literature review on success stories of applied Integrated Solid Waste Management systems for municipal solid waste and on evaluation methodologies (LCA) of such systems. Assessment and evaluation of the key parameters for the successful implementation of best scenarios.

Action 1 has started on 01.10.2011 and will be completed on 31.12.2011.

You can download

Deliverable 1-1: Existing situation concerning solid waste management in the Municipality of Tinos

Deliverable 1-2: European and Greek waste management policies and legislative framework

Deliverable 1-3: Evaluation of success stories on applied ISWM systems for MSW

Deliverable 1-4: LCA studies for composting and anaerobic digestion units

produced from the completion of Action 1 at:

http://uest.ntua.gr/iswm-tinos/?page_id=50

The concept of Integrated Solid Waste Management

Over the last years the concept of Integrated Solid Waste Management (ISWM) has been proposed as the most appropriate action to avoid the adverse effects on public health that are caused by the increasing amounts of solid waste being discarded without appropriate collection and treatment.

ISWM is a comprehensive waste prevention, recycling, treatment, and disposal program. An effective ISWM system considers how to prevent, recycle, and manage solid waste in ways that most effectively protect human health and the environment.

ISWM involves evaluating local needs and conditions, and then selecting and combining the most appropriate waste management activities for those conditions.

