



Recycling at Home

“Development and Demonstration of an ecological, innovative system for in house waste recycling”



5th issue

A few words about Recycling@Home project

The planned, as well as additional actions of the Recycling@Home project could not be successfully completed without the contribution of our many associates and the participating households in the Municipalities of Amaroussion and Mandra-Eidyllia. Some of the actions and initiatives that took place during the last-year project implementation are summarized in the pages following.

The pilot-scale project implementation phase

The waste management plan for recyclables, Recycling@Home, was carefully designed, but most of all was tested in pilot scale in order to be tailored to the actual needs of the municipalities. During the last-year implementation of the project, 80 households in the Municipalities of Amaroussion and Mandra-Eidyllia cooperated with the Recycling@Home project team, providing valuable insert data.

In addition, a useful animation video was produced depicting the philosophy of recycling and the Recycling@Home project (<http://www.recyclingathome.eu>). This animation video is available in Greek version online <https://www.youtube.com/watch?v=G60zTaxj6NM>, as well as in English in <https://www.youtube.com/watch?v=QQnGTZjNTVI>.

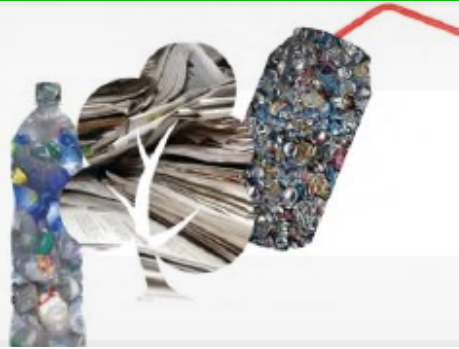


Paper Metals Plastic



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October 2014-December 2015 at a glance

During the last year of the Recycling@Home project implementation:

An educational visit with students from the Interdisciplinary Programme of Postgraduate Studies “Environment and Development” of the NTUA was held at the facilities of the Mechanical Sorting Center of Koropi, on Friday, July 10, 2015.



The 1st Experimental Lyceum of Athens visited the School of Chemical Engineering N.T.U.A. on Wednesday, January 28, 2015. The children discovered some safe chemical experiments, were informed about the Recycling@Home project and had the chance to use the prototype home recycler.



An educational visit was organized with students of the School of Chemical Engineering NTUA and the Interdisciplinary Programme of Postgraduate Studies “Environment and Development” NTUA at the landfill facilities of the Sanitary Landfill of Ano Liosia, on Friday, May 8, 2015.



Children and young teens can get acquainted with the main principles of recycling and the Recycling@Home project using the informative material especially designed for this purpose online
<http://www.recyclingathome.eu/site/index.php/el/draseis-enimerosis/brochures-el>

The associated beneficiaries are:



Δήμος Αμαρουσίου

Municipality of Amaroussion



National Technical University of Athens

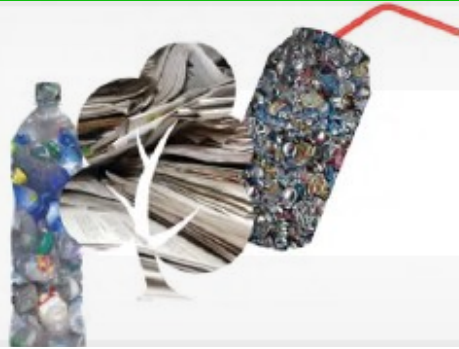


Municipality of Mandra-Eidyllia



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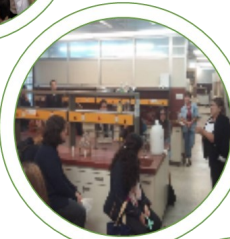
The 6th Junior High School of the Municipality of Amaroussion uses the home recycler at its premises.



The Varvakeios Model School visited the School of Chemical Engineering N.T.U.A. on Wednesday, February 4, 2015. The children discovered some safe chemical experiments, were informed about the Recycling@Home project and had the chance to use the prototype home recycler.



Students of the Interdisciplinary Programme of Postgraduate Studies “Environment and Development” were guided at the premises of the Unit of Environmental Science and Technology in order to get acquainted with the Recycling@Home project (14/12/2015).



Students from 10 different countries, gathered in the framework of Peep Science that was organized in Moraitis School, visited the premises of the National Technical University of Athens and were informed about the Recycling@Home project (19/11/2015).



Representatives of the Recycling@Home project team visited the premises of the Junior High School of the Holy Metropolis of Piraeus, and presented the Recycling@Home project in the framework of the Home Economics class on November 16, 2015.



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Municipality of Amaroussion



National Technical University of Athens

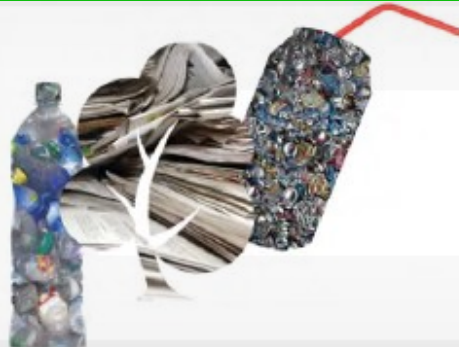


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A household of the organisation “The smile of a child” participates in the Recycling@Home project!

Children use the home recycler in one of the “The smile of a child” households. The Recycling@Home project team would like to thank its young and older friends in the organization!



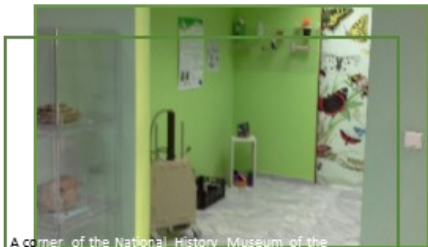
The second participation of the Recycling@Home project in the Athens Science Festival (from 18 to 22/3/2015).



A presentation of the Recycling@Home project was given at the 3rd International Conference on Sustainable Solid Waste Management, on July 3, 2015.



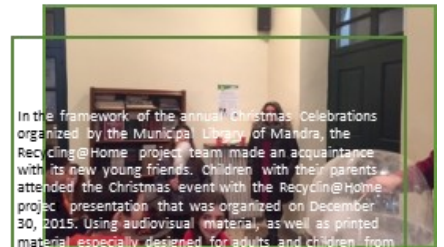
The Recycling@Home project was in the 10-year completion of the Researcher's Night organization. The event was held at the premises of the National Technical University of Athens, in the Averof Building, Patission Complex.



A corner of the National History Museum of the Municipality of Amaroussion is dedicated to the Recycling@Home project.



The staff of the City Hall of the Municipality of Mandra Eidyia were gathered for evaluating year-round the accomplishments of the Municipal authorities. In this framework, a brief overview of the project took place focusing on how the project can improve the utilization of recyclables. The event was realized on December 22, 2015.



In the framework of the annual Christmas Celebrations organized by the Municipal Library of Mandra, the Recycling@Home project team made an acquaintance with its new young friends. Children with their parents attended the Christmas event with the Recycling@Home project presentation that was organized on December 30, 2015. Using audiovisual material, as well as printed material especially designed for adults and children from 5 to 9 and 12-16 years old, the Recycling@Home project team presented the idea behind the project.



Guests at the Natural History Museum have the opportunity to get acquainted with the Recycling@Home project! More specifically, visitors can be informed about the Recycling@Home philosophy, and can use the home recycler by compressing their own recyclables or by objects that can be found in the site showcases. In addition, visitors can complete questionnaires in order to promote the scientific research of the project.

The associated beneficiaries are:

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Some of the management meetings that took place in order to organize the Recycling@Home project:



The Recycling@Home project team would like to thank the participating households of the Municipalities of Amaroussion and Mandra-Eidyllia, as well as all the associates that helped towards the successful project implementation. **With your contribution, we managed to:**

- ✓ reduce the waste volume,
- ✓ reduce the number of waste collection routes
- ✓ produce clean secondary raw materials that can be reintroduced in the market.

The associated beneficiaries are:

 Δήμος Αμαρουσίου Municipality of Amaroussion	 National Technical University of Athens	 ΜΑΝΔΡΑ-ΕΙΔΥΛΛΙΑ MUNICIPALITY OF MANDRA Municipality of Mandra-Eidyllia	 envireco Envireco Consulting S.A.
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More information about the project available at:

<http://www.recyclingathome.eu>



The associated beneficiaries are:



Municipality of Amaroussion



National Technical University of Athens



Municipality of Mandra-Eidyllia



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