

## Action for Plastic bags reduction

- ✓ 1.2 trillion plastic bags are used worldwide each year.
- ✓ The degradation of a plastic bag takes 500 to 1,000 years.
- ✓ 8 billion plastic bags end up in landfills every year in Europe, posing a negative impact on the environment.

### What you can do:

- ✓ Avoid using plastic bags when going shopping. Use your reusable shopping bag, instead.

## Within the framework of the "WASP-TOOL" project:

- ✓ 1,400 reusable bags were distributed to residents of Chania (Crete - Greece). The residents were informed about the benefits of the reduction, in the use of the plastic bags.
- ✓ 1,200 reusable bags were distributed to residents of Paralimni (Cyprus) during a waste prevention workshop (held at the Municipal Hall of Paralimni) and an awareness raising campaign (held in the central square of Paralimni Municipality).
- ✓ 15,000 reusable bags were distributed to residents of Heraklion (Crete - Greece) during an awareness raising campaign in the central square of the Municipality of Heraklion as well as during a campaign to inform people at major stores of two big supermarket chains. These two chains have come to an agreement with Wasp-Tool staff to offer a discount to their customers every time they use reusable bags.

## Action for the reduction in the use of plastic bottles

- ✓ The plastic bottles of water used globally amount to 1.5 million tons of plastic waste a year.
- ✓ The continuous use of the plastic bottle and especially its exposure to high temperatures allows chemical carcinogens to seep to the water.
- ✓ Limiting the use of plastic bottles of mineral water reduces the negative impact on the environment, while it saves money too.

### What you can do:

- ✓ Use reusable aluminum water bottles, with a suitable coating.
- ✓ Ask children to use their own water bottle at school.

## As part of the "WASP-TOOL" project:

- ✓ In January 2014, 1050 aluminium bottles with special protective coating were given out to the pupils of all the primary schools in Paralimni, while another 100 bottles were given to their teachers. A further 125 of these aluminium bottles were given to the pupils of Giorkio Municipal Nursery School, while 30 more were given to the teachers of the same school. Finally, 30 bottles were donated to the inmates of the local Old People's Home (KEPA).
- ✓ All residents of Paralimni who received aluminum water bottles with suitable coating were informed of the urgency to use them.
- ✓ The Paralimni Municipality will save € 20.000 by reducing the use of disposable plastic bottles.

## Action for reusing clothing

- ✓ In Greece, approximately 120,000 tons of worn clothing go into landfill.
- ✓ In the European Union 5.8 million tons of clothing are rejected a year. Of these, 1.5 million are utilized by charities, corporations and nonprofit organizations while 4.3 million end up in landfills.

### What you can do:

- ✓ Offer clothes in good condition that you no longer need, to people who need them.
- ✓ Have any damaged or torn clothing repaired.

## As part of the "WASP-TOOL" project:

- ✓ In March 2014 special collection bins for clothing will be placed in 100 specified points in the municipality of Heraklion, where people will be able to dispose of any clothes, pairs of shoes, bed linen, bags and belts that they no longer need or wish to throw away.
- ✓ All the stuff in the clothing disposal bins of the Municipality of Heraklion will be collected on a weekly basis; the aim is to have only 2% of all these items ending up as rubbish.
- ✓ Any clothes collected in good condition will be put on the market through second hand clothes shops, thus securing cheap or even free clothing for the disadvantaged sections of the community.
- ✓ Any old clothing can be used for making overalls, dusters, material for soundproofing or thermal insulation and stuffing for car seats.



## Action for Lending Library

- ✓ The exchange of books is one of the most effective solutions to the problem of waste management and environmental protection.
- ✓ By reusing one ton of paper we spare the life of 17 trees and save 27 tons of water.

## As part of the "WASP-TOOL" project:

- ✓ The pilot waste prevention action "Lending Library", which emerged through the implementation of the decision support system WASP-Tool as a suggested action for paper waste prevention in the broader area of Chania, is about to start in Chania. The Lending Library is an outdoor public library, consisting of kiosks, which are open to the public 24 hours a day, 7 days a week, 365 days a year, aiming at the exchange of books and ideas as well as social interaction through books.
- ✓ The stands of the "Lending Library" will be hosted in four squares of Chania (Municipal Market Square, 1866 Square, Liberty Square, Souda Square).
- ✓ The stock of the "Lending library" depends on the response of visitors, who can borrow books and after a period of time return them without registration or lending free, donations of books will also be encouraged.

## Objectives of the Lending Library:

- ✓ To make better use of public areas, providing at the same time access to a wide range of information
- ✓ To reduce the volume of waste reaching landfills

## The project beneficiaries are:

- Harokopio University of Athens (coordinator), GR
- Trans-Municipality Company Solid Waste Management (DEDISA), GR



- United Association of Solid Waste Management in Crete (ESDAK), GR



- Environmental Planning, Engineering & Management S.A.(EPEM), GR



- ENVITECH Ltd, CY



- Municipality of Paralimni, CY



## The WASP-TOOL project (LIFE10 ENV/GR/622)

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*"Development and Demonstration of a Waste Prevention Support Tool for Local Authorities - WASP Tool "*

## Waste Prevention Activities

