

HIGHER TECHNICAL INSTITUTE

MECHANICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

A SURVEY ON THE ENERGY / WATER
SAVING SYSTEMS AVAILABLE IN CYPRUS

ME/924

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JUNE 2001

**A SURVEY ON THE ENERGY/WATER SAVING
SYSTEMS AVAILABLE IN CYPRUS**

by

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Project Report

Submitted to

the Department of Mechanical Engineering

of the Higher Technical Institute

Nicosia Cyprus

in partial fulfillment of the requirements

for the diploma of

TECHNICIAN ENGINEER

in

MECHANICAL ENGINEERING

June 2001



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Acknowledgements:

I would like to thank my project supervisor for his help for the preparation and completion of this project.

Also I would like to thank my parents for all the help they provide me during this project.

SUMMARY

In this project, I had to do a survey in Cyprus market to find some energy and some water saving products.

In my opinion this two subjects, energy and water, are two of the most important in our life.

Because without water; simply, there is no life. And especially in Cyprus that every year we have water problem because of the low water consumption in every winter. If every one uses some of these products we will save a very big quantity of water, and also we will save some money on our bill.

Now about energy. Energy is something that every one uses daily and repeatedly in the house, restaurants, factories, everywhere.

People took many advantages by the use of energy. So if everybody uses some energy saving products, to save even the least energy, a lot of money could be saved.

WATER SAVING TIPS

Using water sensibly can make a huge difference to your water bill. Save a little bit here, a few drops there – it soon mounts up over the year.

SHOWERING AND BATHING

A dripping tap can cost a lot of water

Ten drops a minute add up to an amazing 170 litres in a month.

Have a shower instead of a bath

It takes 150 litres to fill a bath; a shower requires about one third of that amount provided, of course, that it is fitted with a water – saving shower head.

A thermostat will reduce hidden costs

The set temperature remains constant even if the water supply is stopped. That saves water – and energy.

Turn the tap off when you brush your teeth

Small amounts add up!

TOILET

An economy flush can make a lot of difference

An economy flush uses far less water. It's even worth having one fitted to an old toilet.

A trickle can easily be ignored

A damaged seal or washer can cost you up to 100 litres of water a day.

WASHING DISHES

Don't run the dishwasher until it is full

This makes optimum use of water.

Don't wash up under the running hot tap

This will make the consumption rocket without you even noticing it.

WASHING CLOTHES

Only use the washing machine for full loads

This makes optimum use of water.

Energy – saving and half – load programmes will take care of the rest.

Be economical with detergents and softeners

Measure the amount of detergent and softener to suit the water hardness in your area. Contact your water supplier for further details.