

Energy for future



From the waking up alarm in the morning to the light we turn off before sleeping, our daily life is marked by constant use of energy.

Whenever we are cooking, travelling to school, listening music or take a bath we are consuming energy. And energy means CO2 and other pollutant emissions and money as well. We usually don't care at our everyday actions: turning on a light, driving, taking a drink from the fridge. However small changes in our behaviour could lead to significant energy savings.

IUSES will provide to secondary school students the basic principles of energy savings and a comprehensive guide on saving energy in their everyday life.

Moreover IUSES will provide students an overview about energy efficiency in industry. In such a way they will have a thorough understanding of energy consumption in our society. IUSES will design an educational kit for secondary schools to teach how to use energy in an efficient way.

The kit will include:

- >> **a set of teachers and students handbooks;**
- >> **an interactive multimedia DVD**
- >> **an experiment tool kit.**

The IUSES tool kit can be easily used for free by any teachers and promote multidisciplinary cooperation among teachers.

The European Energy Saving Award will be launched to award the most energy efficient European school

Partners



Austria
University of Leoben
www.mu-leoben.at

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www.stenum.at

Bulgaria
University of Ruse
www.ru.acad.bg

Czech Republic
Enviros
www.enviros.cz

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Prioriterre
www.prioriterre.org

Greece
CERTH
www.certh.gr

Ireland
Clean Technology Centre
(CTC-CIT)
www.ctc-cork.ie

Italy
AREA Science Park
www.area.trieste.it

Italy
Laboratorio
dell'Immaginario
Scientifico
www.immaginarioscientifico.it

Latvia
Jelgava Adult
Education Centre
www.jrpic.lv

Netherlands
IVAM
www.ivam.uva.nl

Rumania
University "Politehnica"
of Bucharest
www.energ.pub.ro

Rumania
S.C. IPA S.A.
www.ipa.ro

Slovenia
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www.se-f.si

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The European Energy Saving Award

In the school year 2009-2010 the European Energy Saving Awards will be launched in the 12 countries directly involved in the project (Austria, Bulgaria, Czech Republic, France, Greece, Ireland, Italy, Latvia, the Netherlands, Rumania, Slovenia and Spain), in Germany and the United Kingdom.

The award will include three categories:

- >> schools
- >> single students
- >> videos

Schools and students will be awarded according to the energy savings they will achieve and the way they will do it. Moreover 'The European Award' will prize the best video about energy saving. a special prize will be granted for the best video about energy savings.

The IUSES educational kit will help you in defining your energy saving plan, providing you several hints and tips for improving energy efficiency and avoiding useless wastes. Taking part to the competition you and your students will discover how much energy (and money) you can save with small changes in your daily life!

Qualifying rounds will be hold at national level: the best three applicants of each category will take part to the European competition.

In Autumn 2010 the Prize Giving Ceremony will be hold in AREA Science Park, Trieste, Italy.

How IUSES can help teachers?

- >> IUSES educational kit will enable secondary school teachers to teach easily energy topics
- >> IUSES will provide teachers with a full educational kit including:
 - a full set of teacher and students handbooks on the most critical energy topics
 - a DVD with interactive animations
 - a kit for performing experiments on energy topics
- >> Teachers that will take part to the testing of the IUSES educational kit will participate to a free training course
- >> IUSES will give to teachers the opportunity to be updated with the latest research achievements in the field of energy efficiency
- >> IUSES will make save energy and money to you, your students and your school
- >> IUSES will reduce the impact of your school on the environment
- >> IUSES can include your school in a database of European Energy Efficient Schools that will be published on the web site www.iuses.eu



How IUSES can help students?

- >> IUSES will provide a significant knowledge on energy topics that nowadays are crucial for everyday life and for future jobs
- >> The IUSES multimedia will make the students learn energy topics in an amusing way
- >> IUSES will make students experience how easy and cool can be adopting an environment friendly lifestyle
- >> IUSES will make students get used at travelling less by car and when driving adopting an environment friendly and safer lifestyle
- >> The energy savings promoted by IUSES will make the students and their families save significant amounts of energy and money.
- >> Participation to IUSES European Energy Saving Award will be a challenging and educational experience for the whole class.

