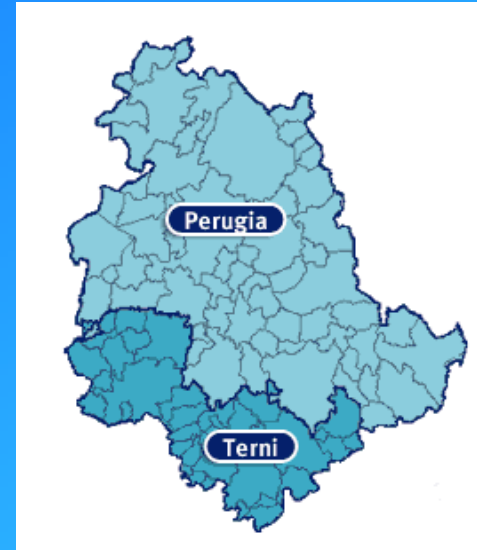
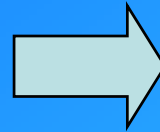




**Agenzia per l'Energia e l'Ambiente della  
Provincia di Perugia**

**Energy and Environment Agency of  
Province of Perugia**

# The territory of Province of Perugia



At this time AEA has more than 10 years of activities. AEA was born on March 1997 thanks to the European Union SAVE II programme on initiative of Province of Perugia. Now it is one of the 34 agencies in Italy and one of the 300 agencies that work in Member States. It's a company of partners which operate both in the public and private sector.



# AEA's objectives

- Improve the energy efficiency levels in the territory.
- Achieve a rational and aware use of energy.
- Support and implement initiatives and projects for the development of renewable energy sources.
- Promote a "culture" of energy saving.

# Activity

- Solutions for a rational use of energy and energy saving (for example energy diagnosis, certifications, sustainable mobility).
- Researches and studies of feasibility for the promotion and the development of renewable sources.
- Activity of education and formation in matter of energy in the schools.
- Spreading and diffusion.
- Boiler inspection of the Municipality of Foligno (former law 10/1991) in concession service.

# AEA and schools: why?

- Climate change, global warming, environmental impact related to gas emission are becoming one of the main argument of reflection both for European citizens and institutions.
- the school is like a privileged place of formation and elaboration of this new culture that is more open to the energy and environment themes and it aims to a clever and provident use of energy.
- Citizens and in particular youngsters are showing a growing need of energy information and education. This need doesn't find an adequate answer from the education system.
- The education system must face this challenge improving their offer in terms of programs, teachers qualification and pedagogical methodology that could make easier the approaching of youngsters to energy education through game, competition and innovative learning tools.

# Educational projects:

*Energy and environmental education :*  
*one of the key actions of AEA policy in particular with the SCHOOLS*  
PROJECTS:

- Closed: “On-Off” ; “TEACH”; “NOI E L’ENERGIA”; “AIUTO È FINITA L’ENERGIA”; “NEC”

- **On going**

- under IEE programme:

- “YEP”;

- “FLICK THE SWICHTH”;

- “EYEMANAGER CHAMPIONSHIP”(coordinator is AEA!)

- at nationall level:

- “IL SOLE A SCUOLA” (“sun at school”!)

## AEA AND SCHOOLS:

# “Il sole a scuola” (“sun at school!”)

The project is supported thanks the funding of Italian *Environment Ministry*( *the call “il sole a scuola”*)

**Receivers** are public administrations which are responsible for scholastic management and there is the involvement of the students of 20 high schools .

In each school there will be:

- the installation of photovoltaic system
- student training : theory (by AEA)+ practise ( by experts of the Province of PG and AEA)

### **Finality :**

- to promote an energetic analysis in school buildings, energy saving;
- to improve energy efficiency of the schools involved (by reduction of CO2 );
- to enhance consciousness and to improve skills of the involved students and teachers

# Il Sole a Scuola

Al Ministero....

Analisi Energetica e Interventi di razionalizzazione



# “Il sole a scuola” (“sun at school!”)



# YEP project

- Coordinated by **Severn Wye Energy Agency, UK**
- Partner countries: Italy, Germany, Spain, Sweden, Greece and Bulgaria

**YEP! seeks to develop an educational programme, resources and method that can be used as a framework for schools wishing to develop energy sustainability in their communities.**

## **Expected Outcomes:**

- Greater understanding of the need and place for energy related education in teaching;
- Staff will have a greater understanding of the need and skills for managing energy consumption within specific workplaces
- Greater pupil understanding of energy issues, improved skills to manage energy consumption, realisation of application of these skills to careers.



# Objectives and Main Steps

- Schools and workplaces actively engaged in pursuing energy efficiency, sustainability and renewable energies through work led by pupils.
- Produce educational tools educate about energy issues and enable pupils to assess energy use and take practical steps to improve schools and workplaces.

## How?

Build strong proactive local partnerships with ownership of project work through local steering groups

Review collate and develop resources and pupil programme on the basis of current good practice examples

Work with pupils and teachers in schools to develop pupil led School energy Management teams

Work with workplaces to enable a transfer of pupil skills to a real life context.

# EYEManager Championship project

Coordinated by **Agenzia per l'Energia e l' Ambiente della Provincia di Perugia**

**9 Partners countries:** Italy; Sweden; Greece; Portugal; Slovenia; Romania; Bulgaria; Spain; Poland

**EYE Manager Championship wants experiment, assess and transfer an innovative approach to the energy education in secondary schools**

***Basic project idea : an international competition “EYEManager Championship” for the awarding of the best EYE Manager Team.***

***The 6 teams composed by students of 9 European countries must face the problem of energy management of school and home***

# Objectives and main step

- To enhance consciousness and skills of the involved students and teachers
- To improve education offer of involved secondary schools
- To improve energy efficiency of the schools and home involved
- To improve consciousness of sectorial stakeholders
- To increase schools transnational cooperation also with energy agencies

**1st project phase designing (WP2) and transfer (WP3) to the involved actors a common set of teaching tools and methods**

**2nd project phase will be organised the European Championship**

**3rd Project phase the model will be assessed (WP5) and spread a new approach for Energy Education in secondary school” (1**



# FLICK THE SWITCH

Now that You know better AEA's policy and activity You understand better WHY “Flick the switch “ project!!!!

Kick Off Meeting, Barcellona 27-28 October  
2008

Thanks for the attention!



AEA

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