

2<sup>nd</sup> prize winner (school category)  
**“ENERGY SAVING PROJECT 2010”**  
 ITSG “A. Palladio” (Treviso)  
 Controcorrente network

The school have focused the action on changing the energy behaviours. The energy audit of the electrical system and heating apparatus is the baseline to plan future investments in energy efficient installations or in virtuous energy behaviours.

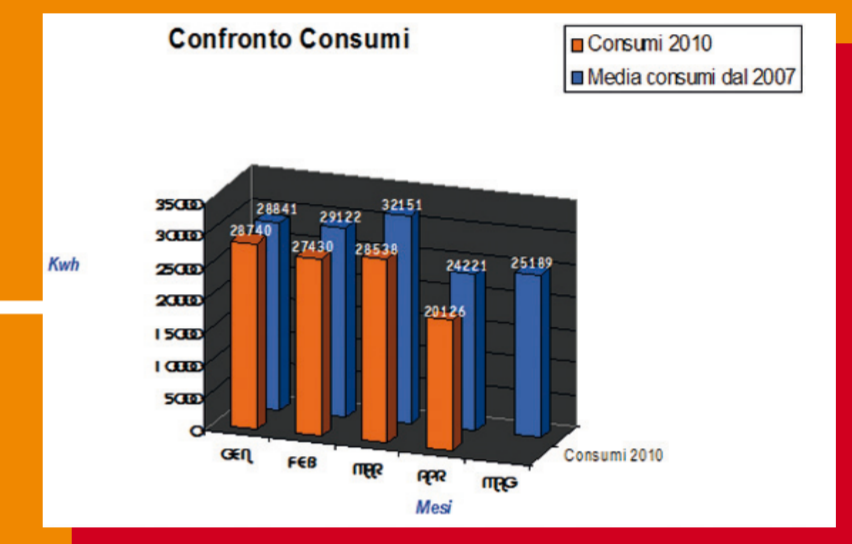
**CHANGING ENERGY BEHAVIOURS**

- 1) **MANAGEMENT ORGANIZATION:** “Environment Committee” (composed by a group of students, teachers, technical staff and headmaster. Task :proposing strategies and actions) and the “Energy Team” (composed by a group of students. Task: operational actions and “peer to peer” dissemination)
- 2) **SCHOOL ENERGY AUDIT**
- 3) **INVENTORY OF SCHOOL ELECTRICAL EQUIPMENT**
- 4) **GATHERING OF TEMPERATURE**
- 5) **GATHERING OF SCHOOL DAILY ENERGY CONSUMPTION (ELECTRICITY AND METHANE)**
- 6) **MONITORING THE ENERGY BEHAVIOURS**
- 7) **SWITCHING OFF OF THE RADIATORS**
- and one **BOILER PLAN**
- 8) **SWITCHING OFF OF LIGHTS PLAN**
- 9) **ENERGY CONSUMPTION WALL CHART** (poster in the school hall registering the daily energy consumptions of the school )
- 10) **BEHAVIOURS DECALOGUE FOR THE ENERGY SAVING** (finding out and dissemination campaign)
- 11) **DEVELOPMENT AND ANALYSIS OF THE FOLLOWING ISSUES:**  
 Greenhouse effect  
 Kyoto Protocol  
 COP 15 Copenhagen  
 Energy recourses: future prospects
- 12) **DISSEMINATION CAMPAIGN** (targeting students, teachers, technical staff and other neighbouring schools)

**FUTURE PLANS**

Presenting the project to other schools (Controcorrente project) and collaborating with Treviso Province.

The “Energy saving project 2010”shows that it is possible to save 20/25% of energy annually .



3<sup>rd</sup> prize winner (school category)  
**“SCHOOL OF ENERGY”**  
 ITCGT ‘F.Galiani’ (Chieti)

The school has presented an overall environmental friendly approach with actions related energy saving, systems using renewable resources, waste reduction and recycling and mobility analysis and sustainable mobility suggestions.

**ENVIRONMENTAL FRIENDLY APPROACH**

- **SCHOOL ENERGY AUDIT**
- **ON-LINE QUESTIONNAIRE ON MOBILITY (INVOLVING STUDENTS, TEACHERS AND TECHNICAL STAFF)**
- **ENERGY MANAGER GROUP**
- **INSTALLATION OF THERMOSTATIC RADIATOR VALVES**
- **INSTALLATION OF A DIDACTIC PHOTOLYTIC SYSTEM**
- **COURSE ON DESIGNING A PHOTOVOLTAIC SYSTEM**
- **ENERGY SAVING POSTER**
- **EXHIBITION AND DEBATES ON WASTE RECYCLING** (project: Dire, Fare... Differenziare!)
- **POSTERS WITH SUGGESTIONS TO SAVE ENERGY (CHANGING BEHAVIOURS)**
- **ENERGY SAVING WEEK (8-10/03/2010)**
- **SEMINAR ON RENEWABLE SOURCES**
- **PARTICIPATION IN THE PROJECT “SUSTAINABLE BRIDGES”**
- **DESIGNING OF PHOTOVOLTAIC SYSTEM**

**FUTURE PLANS**

Continuing the waste separation (gathering of % of separation)

machines with water dispenser (reducing the waste)

Installation of a photovoltaic system that was designed by the students (26,6 KW power representing the 38% of electrical consumption)

Plan to reducing paper use (online communications and online didactical materials)

Dissemination campaign to convince administrative officials to decrease the conditioning and to replace the drinks

Plan for sustainable mobility (boosting car pooling, waking and the use of electrical scooters and cars)



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