



100% of savings returned to Primary School Mazzini

Country	Italy	
School/building, where good practice was implemented	Primary School Mazzini	
Area of intervention	Overall 50/50 implementation	
Type of intervention	Small investment	
More information	AFE (www.firenzenergia.it)	

Short description of the action with the main steps taken:

Primary School and Kindergarten of G. Mazzini, as well as the Middle School of Leonardo da Vinci, were part of the project and engaged in adopting necessary measures to save electricity, heat and hot water. A route was done with the children, teaching them how to reduce energy consumption and use resources more rationally. The energy team taking part in the action was composed of A.T.A. staff, teachers, teens and a representative of the Florentine Energy Agency.

In 2013 the L. da Vinci school consumed approx. 36,000 kWh of electricity per year and 14,000 cubic meters of gas, while the Primary School of G. Mazzini used about 22,000 kWh of electricity per year and 12,000 cubic meters of gas. Both schools adopted energy efficiency measures and achieved savings will be converted into economic value (using current prices of various resources and a special software). Usually the financial savings would go to the coffers of the City but following the 50/50 methodology 50% of them should be returned in the form of an economic transfer to the school (while remaining 50% stays within the municipality).

But in this case the City decided to do more... . "We are the only municipality in the Province of Florence with the two schools participating in the project, who implement energy efficiency measures and behavioural changes aiming at reducing our energy bills." - said the Councillor for Environment in Rufina - "So we decided that the schools will be paid 100% of the resources that they manage to save. So for Rufina it is not



50/50 but 100/0 in favour of the schools."

As stated in the resolution approving the project: "The result is that everyone wins. The school improves its implementation possibilities, the authorities have lower energy costs and the society benefits from reduced environmental impact."

"The Protocol stems from the awareness of the responsibility for the economical use of public financial resources and efficient use of natural resources aiming at preserving the environment. The goal is to save as much energy as possible."

Achieved results also include:

- improved waste separation using special trash pictograms
- raised awareness among pupils, teachers and the school caretaker.

Short overview of the material/tools used:

- E-Packs
- Information sheets for clubs using the gym
- Labels (pictograms)
- Awareness raising methods (communication between teachers and pupils)
- Integration of the topic at the crafts lessons

Short overview of people involved:

- Teachers and educators
- Pupils
- Expert from Florence Energy Agency
- Other users of the school building

Main results achieved:

Primary School of G. Mazzini managed to reduce electricity consumption by 700 kWh (7,07%) in the year 2015.

Why is it best practice? Why is it worth replicating in other schools/ buildings?

This school learns and teaches the pupils that it is worth to work with waste and energy.

Other relevant information (top tips, citations from the pupils, teachers, etc.)