

Roll-out of 50/50 initiative
to unlock energy saving
in schools and
other public buildings



Coordinator:



Co-funded by the Intelligent Energy Europe
Programme of the European Union



It is a win-win project

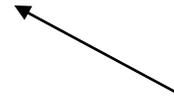
The 50/50 concept

City Council



Pays the energy
bills

50%



Energy and
economic
savings

**EVERYBODY
WINS!**

Change of
habits

Improvement of
energy
management

Primary, secondary
schools and municipal
facilities



50%



In the schools involved...

The STUDENTS are leading the action and change



THEY discover, investigate and learn about energy use in their schools.



THEY Know the results of their actions and are rewarded for their efforts with a financial contribution.

City Councils that are engaged....

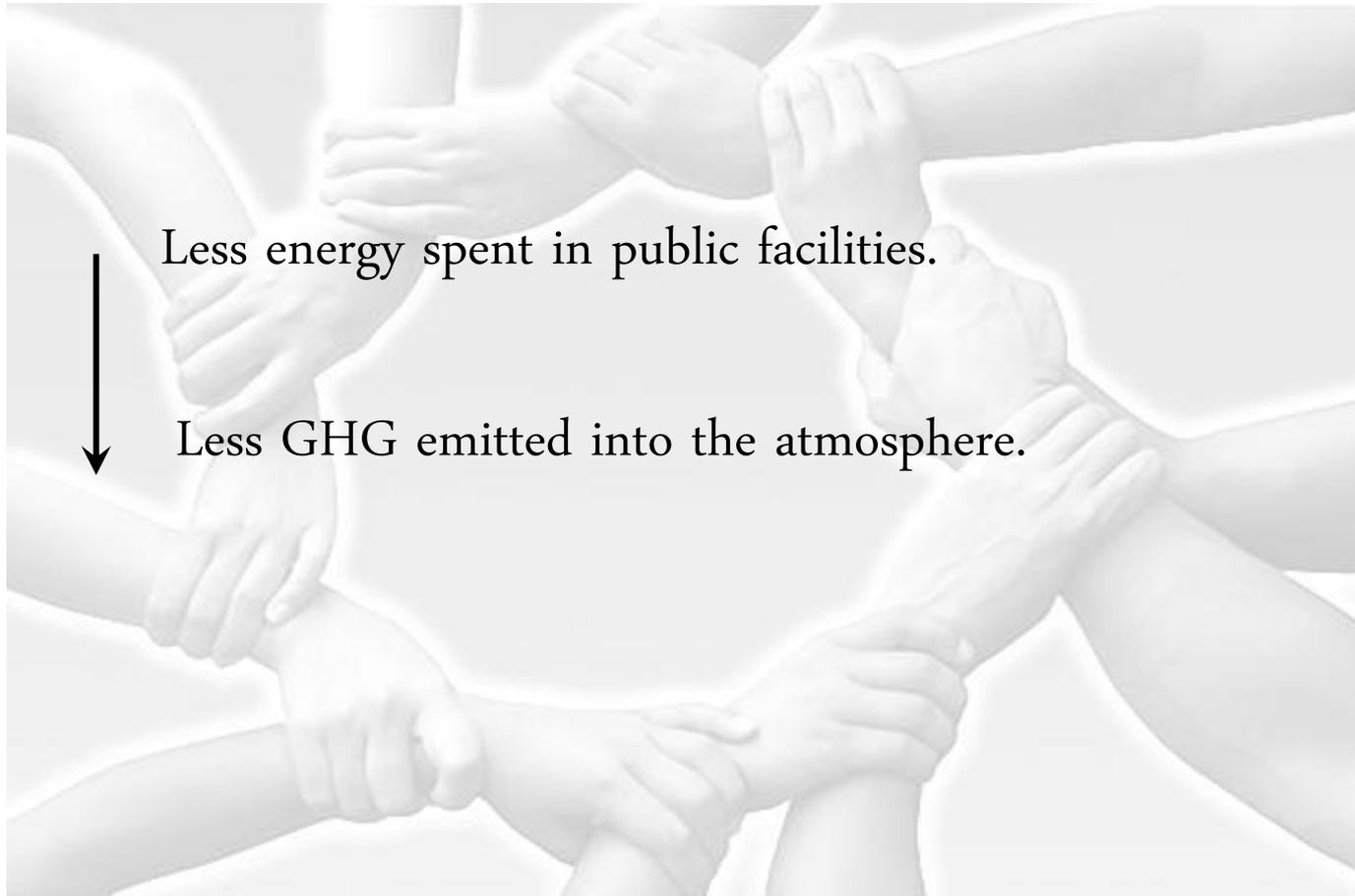
Achieve an economic saving.

Meet the commitments of the Covenant of Mayors.

Act as a responsible and exemplary administration.



... and together we get...



Less energy spent in public facilities.



Less GHG emitted into the atmosphere.

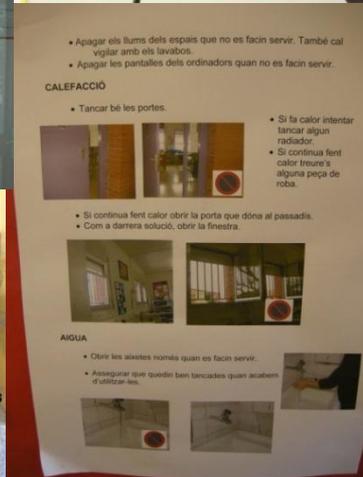
More commitment!!!

... great results from the previous project (Euronet 50/50):

- ✓ 58 schools from 9 countries.
- ✓ 6,900 students, teachers, and 43 municipalities working together to tackle climate change.
- ✓ 40 (70%) schools have achieved energy savings.
- ✓ 339 tones less of greenhouse gases emitted into the atmosphere!
- ✓ More than 1,100 MWh not consumed!!
- ✓ 2,100 € saved per school!!!
- ✓ Creation of the European network of schools 50/50 (193 members).

Actions are easy....

- ✓ To designate a student as “the ecologist” of the classroom.
- ✓ To use murals and posters.
- ✓ To make a competition to check who turns off more often the lights.
- ✓ To hang stickers to indicate the order in which switches should turn on.
- ✓ To paste posters to remind to close the doors and windows in winter.
- ✓ To approve a list of actions and hang it in every classroom.
- ✓ To check ventilation in the classrooms, do not turn on heating in common areas if not required, to adjust the temperature of the thermostat, to use natural light.
- ✓ Interviews in local radio and TV stations.



key factors for success

- ✓ Energy team.
- ✓ E-pack and specially: the energy tour of the school and data gathering.
- ✓ Obtaining and calculating energy and economic savings.



Schools say:

"This project has helped us to better understand how our actions have an impact on our environment." La Tordera School (Santa Maria de Palautordera i Sant Celoni).

"The best of the project was the **role** played by the **students** throughout the process." El Turó School (Montcada i Reixach).

"The project has involved the whole **school community**, the Parents Associations and canteen service are also involved from the beginning." Sant Esteve School (Castellar del Vallès).

"The most important thing for us was not so much the **economic savings** achieved but the community **awareness** and **behavior change** achieved." Sant Pau School (Sant Pol de Mar).

City Councils say:

"The project helped us to carry out the **Sustainable Energy Action Plan.**" City of Sant Boi de Llobregat.

"The Euronet 50/50 is very **participative** and children are really engaged". City of Berga.

"It has allowed us to move forward with the entire work related to energy **saving and efficiency** in **municipal facilities**". City of Santa Margarida i els Monjos.

"The Euronet has enabled **to explain the control of energy expenditure** to boys and girls in the school." City of Sant Bartomeu del Grau.

From Euronet 50/50 to max

EURONET 50/50 (2009-2012)

- 9 countries/partners
- To adapt- "create" methodology –ePack 50/50
- To implement in 50 primary schools
- To create a Network of 50/50 schools
- 2.5% Energy reduction

EURONET 50/50 max (April 2013-2016)

- 13 countries /16 partners
- Improve the ePack (educational pack) / adapting it for secondary schools and public buildings
- To implement in 500 primary and secondary schools
- To continue spreading the Network 50/50 (schools and other public buildings)
- 8% Energy reduction
- Strategic release of the 50/50 in 48 public buildings
- To lobby over national/regional/local strategies in order to incorporate the 50/50.
- 50/50 in the Covenant of Mayors for Sustainable Energy.

The support of the Euronet 50/50 max

- ✓ To give technical support when needed.
- ✓ To facilitate the relationship with other municipalities and facilities developing the 50/50.
- ✓ To propose and define the general methodology and facilitate all needed materials.
- ✓ Training for teachers, caretakers and managers of the facilities.
- ✓ Provide service of measurement and data acquisition equipment.
- ✓ Dissemination and acknowledgment at supralocal and European scale.

50/50 facilitates to move from thinking and knowledge about energy management to action in a bottom up process.

Are you interested? Do you want
to know more about it?

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www.euronet50-50max.eu



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