



## Boosting Green Energy in Urban Areas

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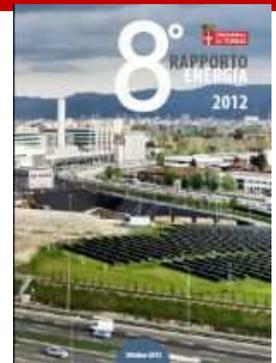
## Mid-term conference in Turin

More than 250 people attended the mid-term conference of the project Cities on Power held in Turin last November, 7<sup>th</sup>. The Province of Turin, together with the City of Warsaw and all the partners, presented the interim results of the activities to a wide audience made of local and regional public authorities, stakeholders, representatives of energy related EU funded projects, journalists and citizens. The conference was an opportunity to broaden the topic and the activities by linking them to the local challenges and to other EU funded projects.

## Cities on Power results in a broad perspective

The mid-term conference was an opportunity for the hosting partner, the Province of Turin, to describe the local and regional framework with regards to energy demand and supply and the state of the art and future perspectives of RES. The representatives of the Provincial Authority presented the 8th Energy Report of the Province of Turin, thus introducing the basis upon which any future energy plan and programme will be based. The results demonstrate that although some efforts still have to be done to meet EU2020 goals, the figures related to electric energy production from RES met 2010 objectives, district heating is keeping growing for final uses and the reduction of CO<sub>2</sub> emissions as for the Kyoto period has been achieved and even overcome. The 8th Energy Report is particularly interesting considering the on-going administrative and legal changes which are calling for the establishment of monitoring observatories for the whole Metropolitan Area towards the EU2020 goals and the on-going approval of the Regional Environmental Energy Plan 2012-2020. The Report and all presentations are available for download at:

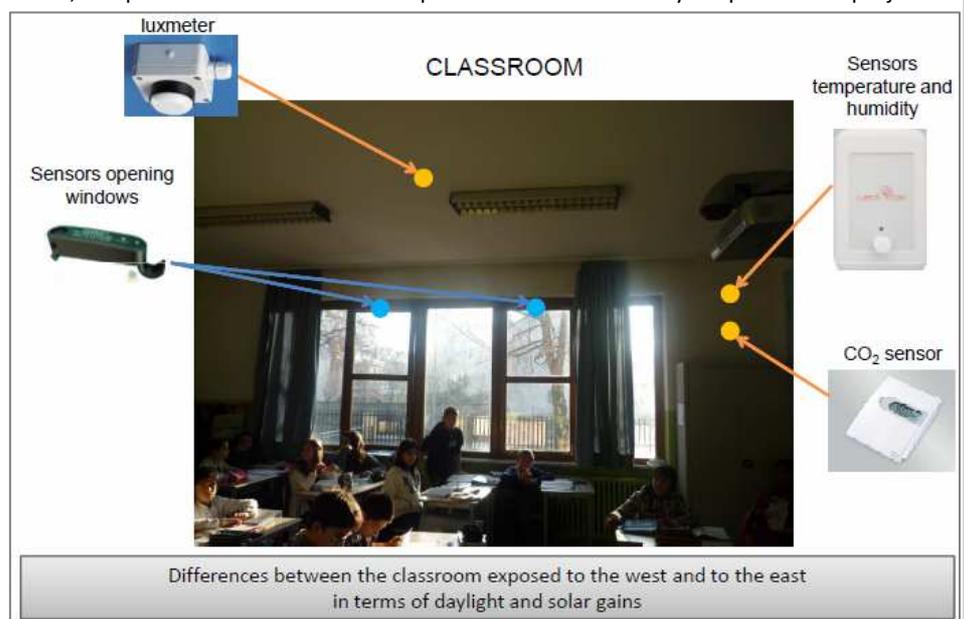
[www.provincia.torino.gov.it/ambiente/energia/progetti/CoP/midterm\\_conference](http://www.provincia.torino.gov.it/ambiente/energia/progetti/CoP/midterm_conference)



Once the results of local monitoring in Turin shown, the partners of Cities on Power presented one of the key outputs of the project:

the IT tool-box. The online interface developed is aimed at supporting decision making for single buildings via individualized scenarios; the field of investigation are solar energy (PV, Solar thermal), ambient heat, energy demand (heat, electricity), and the correlations in-between the fields (e.g. heat pump). By bringing relevant information to target groups, by comparing different options, the IT tool-box will trigger new investments in renewable energy.

Finally, an overview of the pilot activities of Cities on Power has been given by the four involved public authorities (Warsaw, Klagenfurt, Turin, Ravenna). The partners have selected public buildings for which an energy monitoring campaign is ongoing and pre-investment activities will be carried out.



Examples of measurements in Nichelino school (Italy)

## Capitalisation and cross fertilisation activities

Energy challenges and RES are proving to be a great concern for European public authorities and joint efforts are being developed and capitalized also through EU funded projects, as described during the mid-term conference.

Supporting public authorities through improved knowledge, pilot investments and technical assistance, communicating energy efficiency and opportunities from RES and strengthening networks are the main targeted objectives.

Knowledge improvement and exchange is tackled by the cross-border cooperation project **RENERFOR**, co-funded by the ALCOTRA Programme. The activities carried out by French and Italian beneficiaries are increasing the knowledge of energy throughout the territory and promoting the development of renewable energy sources, the energy efficiency and the reduction of greenhouse gases emissions. Wood-energy networks and hydroelectric production are the main fields of intervention and results should be delivered by the end of 2013 thus complementing the monitoring and research activities that the Province of Torino, which is a partner of the project, is carrying out within Cities on Power.



Support to local authorities and technical assistance are dealt with by the **ELENA and the Energy for Mayors** projects, which have been both co-funded by the Intelligent Energy Europe Programme. **ELENA** (<http://www.aess-modena.it/it/progetti/elena.html>) aims at improving the energy efficiency of public buildings and public lighting and installing renewable energy plants. This goal is pursued by providing technical assistance to the involved municipalities for the preparation of energy improvement projects on public buildings and at the publication of Call for Tenders for the award of Energy Services. The latter are being developed according to the "Contract of energy performance guaranteed" scheme, where the capital investment is provided by the winning companies through energy and cost savings realized. Sixteen small-medium municipalities are the beneficiaries of the project whilst local business associations are involved to contribute to removing obstacles to the participation of companies from Modena, and to offering interested banks (i.e: the EIB) to create an hoc fund for financing the interventions.

The **Energy for Mayors** project ([www.energyformayors.eu](http://www.energyformayors.eu)) is supporting the Covenant of Mayors Coordinators by strengthening the network of the Covenant of Mayors Supporting Structures, by assisting a group of municipalities in the development and implementation of the Sustainable Energy Action Plan (SEAP) and by monitoring the implementation of the SEAP and its results. (A general information: in Italy, the signatories are currently 2298).



Recently approved within the Central Europe Programme strategic call, the **CEP-REC** project aims at securing a safe, affordable and environmentally friendly energy supply by schematizing and quantifying the energy demand at the regional/local level as a first step towards the promotion of renewable energy sources and by mobilising the endogenous energy and business potential to guarantee a sustainable energy supply. The project involving 15 partners from 7 EU countries is planning to set up a Regional Energy Plan (at least one Plan per region of each participating country) once an in depth monitoring activity is completed and it is substantially capitalising the ongoing results of Cities on Power.



## Meeting at Environment Park and mid-term evaluation of Cities on Power

Soon after the mid-term conference, the Coordination Unit and Steering Committee Meeting of Cities on Power were held at Environment Park, Turin, where an external evaluation of the project was performed.

The assessment confirmed the importance of the topic and the strength of the project structure which is already contributing to delivering transferable results, such as the matrix for the stakeholders analysis. Local backing and a sound mitigation strategy for limiting potential risks all along the project life might be the keys for a successful implementation.



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