

Smart Energy Efficiency House/Corner in Spain



Exposición Casa Eficiente

The Smart Energy Efficient House

The exhibition "Casa Eficiente" has been set up by APEC and Soluciones Renovables with the collaboration of some enterprises (Electrolux, Eosolarsur, PHILIPS, Polanco, Ecoavantis, Meganet). The main topics shown in the exhibition are: household applications, energetic label, stand by and energy consumption monitoring, RE (biomass, PV, thermal solar), lighting and insulation, glazing, etc. It's installed in a room of 40m² aprox. in the Professor's Center in the city of Cádiz and it has been officially launched the 4th of on November. Anyway visits have already started in June. In the exhibition visitors are able to:

- > Analyze the energy saving they can get choosing efficient electrical appliances (class A).
- > Realize the importance of a correct termical isolation and glazing.
- > Compare the different lighting technologies according to their efficiency.
- > Look at domestic renewable energy systems such as solar thermal collectors, solar photovoltaic panels, biomass boilers, etc.
- > Know the impact of "stand by" mode in the electric bill.
- > Learn best practices to save energy and decrease the energy consumption.





Awareness and Education on RUE and RES

APEC has also organized guided tours to the Smart House. In these visits groups of 10-15 people received a talk about energy saving at home given by an expert from APEC. The average length of visits was 1 hour approx. During the period June 2009 – March 2010 the exhibition received 40 visits (around 635 people).



Interest from Local Authorities

APEC received a request from Provincial Government of Cádiz to move the exhibition through different municipalities in the Province. The Agency couldn't face up this request because a lack of budget. Actually the exhibition is being dismantled. Anyway, some elements (posters and small devices) are being used to set up an itinerant exposition about energy saving best practices for home. Exposition will be widely shown in different education centers of the Province. At the moment this exposition is installed in Drago High School (Cádiz).

