



With new ideas into a sustainable future

Würth Solar awards progressive ideas for sustainable urban development

Schwäbisch Hall, 19 April 2011 – The last few years have seen a considerable increase in the public debate about sustainable urban development and housing construction, paired with the generation of renewable energies. In view of this, it is important that tomorrow's architects are already made aware today about the challenges posed by energy efficient construction. For this reason, Würth Solar, the manufacturer of CIS solar power modules and a full-line provider of photovoltaic systems, organised the student ideas competition "E+solar – Wohnen in der Stadt" (*E+solar – Living in the city*) in conjunction with the School of Architecture at Bremen University of Applied Sciences. The competition was supported by the Senator for Building, Environment, Transport and Europe for the City of Bremen (SUBVE).

Based on a site in a top inner city location in Bremen that was formerly used for commercial purposes, students from the School of Architecture were asked to draw up urban development concepts for an energy-plus housing estate, whereby a particular focus was on architecturally implementing the passive home standard and integrating photovoltaic systems. In addition to raising awareness among the architects of tomorrow, another aim of the competition was to demonstrate that affordable inner-city housing schemes can be realised that set high standards in terms of sustainability.

A total of 23 schemes were entered for the competition. The competition's independent judging panel, which consisted of representatives from Würth Solar and SUBVE along with a journalist and a freelance architect, were thrilled by the different urban design and architectural concepts. The judges praised the fact that all the designs were suitable for achieving the energy-plus standard with a minimum energy requirement while simultaneously meeting high architectural demands. "We believe we should contribute now to shaping the future of energy efficient architecture, which is why we see ourselves as partners for current and future architects," said panel member Attila Yücel, who is himself an architect and an expert for architectural applications at Würth Solar, in commenting on Würth Solar's commitment.

The winners were congratulated at an award ceremony held in conjunction with the opening of the exhibition of the winning schemes, which took place on 30 March 2011 at the School of Architecture in Bremen. The winning concepts were awarded prize money.



Würth Solar has been offering solutions for architecturally sophisticated and simultaneously energy efficient roof and facade designs for years and provides support as an expert development partner. In collaboration with architects, solutions are developed that integrate important, cutting-edge functions within an aesthetically pleasing overall concept without compromising the design. With their homogenous black surface area and pinstripe look, combined with their flexible form and size, the GeneCIS modules from Würth Solar in particular open up new architectural and aesthetic possibilities, for example for roof and facade integration. With facade-integrated photovoltaic systems, GeneCIS modules therefore become an integral component of buildings.

A current reference project for innovative facade design and rooftop systems is the "Schöner-Wohnen" House. The project, which has been developed in cooperation with the architectural magazine "Schöner Wohnen" and the SchwörerHaus company, combines modern architecture with new energy concepts by integrating a tailor-made solar power system consisting of GeneCIS modules from Würth Solar on the roof and on the south and west elevations of the building. The design, functionality and sustainable power generation complement one another to form an innovative overall concept. Photovoltaic modules therefore become multifunctional construction elements that not only generate electricity but also, for example, provide weather protection and define the visual appearance of the building.

About Würth Solar

Würth Solar, a company in the Würth Group, is both a manufacturer of innovative GeneCIS solar power modules and a full-line provider of photovoltaic systems. In addition to traditional roof-mounted systems for private and commercial buildings, Würth Solar in particular produces attractive facade applications using CIS technology. In addition, the company realises turnkey, ground-mounted solar power systems as a general contractor. Würth Solar currently employs around 250 people.

Further information can be found at www.wuerth-solar.de.

Press release

We will gladly provide you with high-resolution images.

Preview:



The independent judging panel for the “E+solar – Wohnen in der Stadt” ideas competition can be seen here viewing the winning schemes.
(Source: Würth Solar)



1st prize: Franz Veesser, Reza Rohifard
The photovoltaic modules are positioned at an angle on the roofs so that they are oriented in a south-easterly direction. The south-facing end houses are also furnished with large format photovoltaic modules that are integrated within the timber facade.
(Source: Würth Solar)



Facade of the “Schöner-Wohnen” House with the “ARTLine Invisible” facade system and GeneCIS modules from Würth Solar. (Source: Würth Solar)