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Company presentation “HEI Consulting GmbH”

Contract research and product development in the field of photovoltaics

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<http://www.hei.at>, www.hei-solarlight.com

HEI Consulting GmbH is a company in the field of research with focus on renewable energies and efficiency of energy. The company, founded in 2001, has its main office in Vienna. At the moment 18 persons form the HEI staff, 10 are engineers. Up to now HEI was only engaged in contract research. Since autumn 2008 the company also manufactures off-grid solar lamps. For its development of photovoltaic modules for solar facades HEI was decorated in January 2008 with the State Prize for Environmental and Energy Technology, in collaboration with Ertex Solar GmbH. The award was passed by the Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management.

In the field of photovoltaics the key activities of HEI concern:

- Innovative concepts of moduls stick to photovoltaics
- Photovoltaic building integration
- Off-grid photovoltaic systems for static and mobile applications
- Development and production of photovoltaic outdoor lights

Actual project samples.

1) Technology transfer solar facade

Project in framework for „Energie der Zukunft“ (BMVIT / FFG)

Duration: 07/2008 – 06/2009

The project deals with the transfer of knowhow and information concerning photovoltaic building integration to architects, constructors and designers of facades. In April 2009 there will presented a new website for this audience to receive more information: www.solarfassade.info.

2) SunPower City

Partnership in this research project, commissioned by the Austrian climate and energy fund

Project Management: tatwort GmbH

Duration: 09/2008 – 12/2009

Creation of a concept for a photovoltaic district in Vienna in collaboration with the Vienna Business Agency (WWFF)

3) Cost-efficient photovoltaic building integration

Research Project by order of the Austrian climate and energy fund
Duration: 07/2008 – 12/2009

Target of the project is the development of a GIPV (photovoltaic building integration)-technology, that results in an eminent cost reduction and leads GIPV from a highpriced application, realized only in a few cases, to a mass market with sensitivity due to the price.

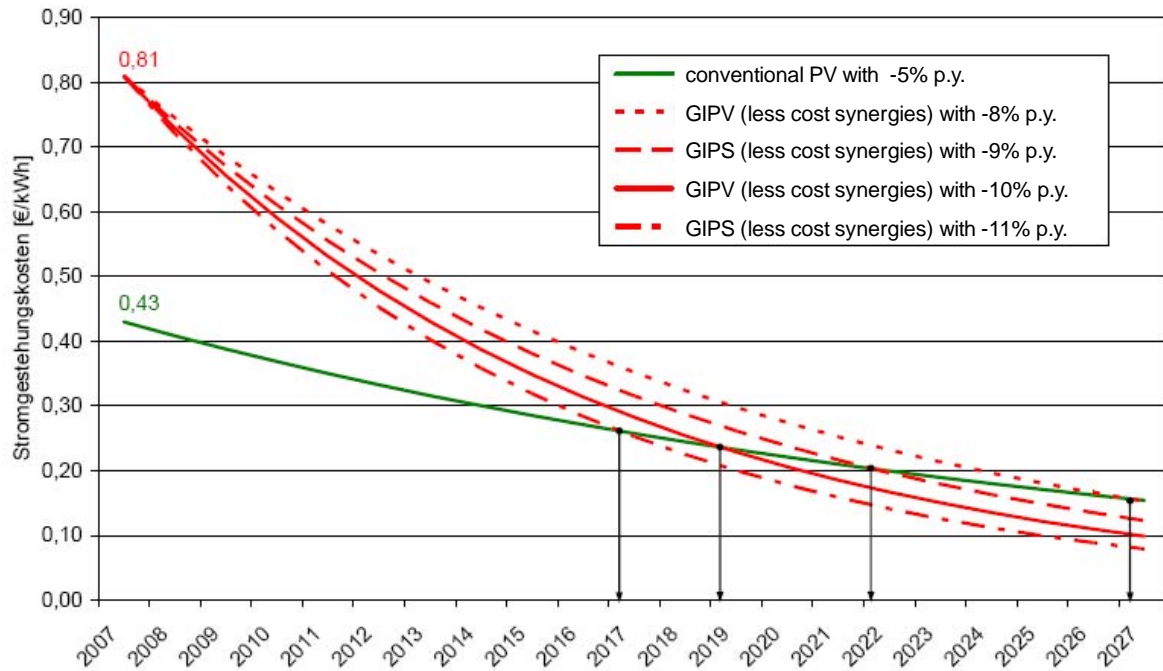


Illustration: Necessary cost-reduction of the photovoltaic building integration

4) Photovoltaic lights

Development and production of photovoltaic lights

Start of the project: end of 2007; start of the production: autumn 2008

Excellent design and ultimate functionality even during bad weather conditions are the main factors of the lamps.



Photovoltaic lamp **hei solar light**, model „champ“, in front of the entrance area of the energy-efficient office building ENERGYbase in Vienna.