

Press release

Solar power from the roof: juwi constructs photovoltaic system the size of 12 football pitches on logistics property

Rhein-Hessen based project developer completes 3.1 megawatt photovoltaic project in Bad Hersfeld in record time

Hamburg / Wörrstadt / Bad Hersfeld, 7 December 2011. juwi Solar GmbH commenced construction of the photovoltaic system in mid-August, and it has now been connected to the supply network of Bad Hersfeld's municipal utility company. The photovoltaic system is located on the roof of a logistics centre. It covers a surface area of around 85,000 square metres – the equivalent of twelve football pitches. The 13,275 poly-crystalline modules spread across this area deliver up to 3.1 megawatts of power, making this one of the ten largest rooftop systems in Germany. It will feed approximately three million kilowatt hours of CO₂-neutral electricity a year into the grid, thereby providing enough clean energy for around 775 three-person households. Compared with electricity produced by coal-fired power stations, the plant will cut harmful carbon dioxide emissions by some 1,900 tonnes a year.

Planning of the rooftop system was performed in record time. Just six weeks elapsed between the start of the planning process and work beginning on the plant. "We expect roof-mounted photovoltaic systems to boost the value of buildings," says Dr. Frank Billand, a member of the management team at Union Investment Real Estate GmbH. Dennis Westhäußer, project manager at juwi Solar GmbH, explains: "The roofs of many industrial buildings are currently unused. They could be helping to produce clean solar energy and fight climate change. We believe there is huge potential here."

The logistics centre in Bad Hersfeld is part of the property portfolio of the Union Investment institutional real estate fund *UniInstitutional European Real Estate*. The 102,020 square metre development project was completed in September 2009. Union Investment has signed a lease with juwi Solar GmbH and generates rental income for its investors from the photovoltaic system.

juwi Solar GmbH, a subsidiary of renewable energies specialist juwi, installs photovoltaic systems both on rooftops and at free-field sites. The largest rooftop system planned by the company to date is located in Philippsburg and commenced operation at the end of last



year. With an output of around 7.4 megawatts, it provides 1,800 households a year with clean energy.

About the juwi Group:

juwi is one of the world's leading specialists for renewable energy. Our vision: 100 per cent renewable energies. Our impetus: Working together to implement renewable energies economically and reliably with passion.

In addition to solar, wind and bio-energy, the juwi Group is also active in hydroelectric and geothermal power as well as green buildings and solar e-mobility. juwi was founded in 1996 by Fred Jung and Matthias Willenbacher in Rheinland-Palatine, Germany. Today the company's worldwide operations employ more than 1,500 employees in 14 countries, achieving an annual turnover of around 800 million euros in 2010.

In the wind energy sector, juwi has constructed around 500 wind power plants with an output of around 850 megawatts; in the solar sector, it has built over 1,500 photovoltaic plants, likewise with a total output of some 850 megawatts. These systems generate around 3 billion kilowatt hours of electricity a year – the equivalent of the annual requirement of 850,000 households. Over the past 15 years, juwi has initiated investment totalling more than 3.5 billion euros to implement these projects.

juwi is one of Germany's most popular employers. The company was among the top 20 companies in the 501 to 2,000 employee category in the highly regarded "Great Place to Work Institute" competition. The juwi Group has subsidiaries in Germany, France, Italy, Spain, the Czech Republic, Greece, Poland, Bulgaria, the UK, India, South Africa, Chile, the USA and Costa Rica.

About Union Investment:

With assets under management currently totalling around 19.5 billion euros across eight funds, Union Investment is one of Europe's leading real estate investment managers, focusing on open-ended real estate funds for private and institutional investors. Within the commercial real estate sector, Union Investment is active as an institutional investor, developer and landlord. Its portfolio comprises around 300 properties in Europe, the Americas and Asia. Established in 1965, Union Investment Real Estate GmbH is the private property investment specialist within the Union Investment Group. Its sister company, Union Investment Institutional Property GmbH, focuses on real estate investment for institutional customers. Sustainable real estate investment is embedded in Union Investment's business strategy, with the company investing some 600 million euros in certified green buildings over the past two years. Its holdings now include 20 properties and projects with national or international awards for sustainable building and a current market value of 2.5 billion euros.

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