

Heliatek Announces Largest BIOPV Fac?ade Installation

Tuesday 28 October, 2014

Heliatek, the world leading company in the production and commercialization of organic solar film, today announced the largest BIOPV - Building Integrated OPV - installation of its kind. The HeliaFilms® were installed in Heliatek's Dresden headquarters. They were laminated into glass by AGC Glass Europe, the European branch of AGC (the world's largest producer of flat glass) and a long-term strategic business partner of Heliatek.

"Heliatek's solar film is the ideal solution for building integrated solar installations (BIPV). The durability of HeliaFilm® and its superior harvesting factor make it the film of choice for a number of building and construction material companies. We are proud to advance together with our strategic partner AGC Glass Europe on this path to a modern sustainable building envelope," commented Thibaud le Seguillon, CEO of Heliatek"

"Organic PV is much less energy intensive to manufacture compared with crystalline silicon and HeliaFilm® is ideally suited for glass curtain walls of all kinds. Its superior low light sensitivity and excellent high temperature performance makes it the material of choice for a number of BIPV applications," added Frederic Bonnefoy, Product Manager Active Glass at AGC Glass Europe.

The headquarter of the company in Dresden, Germany, was chosen for installing the first HeliaFilm® glass fac?ade on an East facing fac?ade in order to demonstrate the superior harvesting factor under less-than-ideal mounting conditions that often occur in BIPV applications.

A sophisticated data logging system tracks the films' and ambient temperatures, the intensity of the solar irradiation as well as the power generated. It will be directly consumed by Heliatek to power office illumination throughout the year.

About Heliatek:

Heliatek was spun off in 2006 from the Technical University of Dresden and the University of Ulm. The company is the leader in the field of Organic Electronics Energy holding the world record efficiency of 12%. Through both its leading edge material development and its proven capability for volume manufacturing Heliatek is the first company to begin commercialization of large area OPV solar film. Its business model is to supply the custom- designed HeliaFilm® to partners in industries such as building and construction materials, automotive and light architectural structures. Heliatek maintains a total staff of some 75 specialists at its facilities in Dresden and Ulm, Germany.

Investors in Heliatek include leading industrial and financial companies such as BASF, Bosch, RWE, Wellington Partners, eCapital and Aqton. Research and development work, as well as the installation of production technology has been funded by the Free State of Saxony, the Federal Republic of Germany (BMBF-Projekt LOTsE (03EK3505E) and the European Union. Heliatek is currently operating its first roll-to-roll manufacturing line in Dresden, Germany.

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