

Padua, 6th November 2018

## 1 megawatt of FuturaSun photovoltaic panels on the roof of Baxi

**The new FuturaSun photovoltaic roof built by CPL CONCORDIA is now fully operational on the BAXI plant in Vicenza, in North Italy. Each new boiler is created using clean energy.**

The **1 MW semi-integrated photovoltaic plant** occupies 6,000 sqm of the plant located in the Vicenza province, built by the top facility and energy management firm CPL CONCORDIA (MO), in its capacity as project EPC. The plant was connected in May 2018.

A total of **3,675 FuturaSun FU270P photovoltaic panels** were installed, manufactured by the dynamic company based in Padua, a consolidated name on the international photovoltaic scene. The panels are connected to 19 Inverters with 8 kilometres of electrical cables installed.

The system provides 992 kWp of power, which satisfies 25% of the entire plant's annual electrical energy requirements, and **100% of requirements for the manufacture of boilers**, which previously stood at 10.4 kWh per boiler. Overall annual energy generation amounts to 1,250,000 kWh, with emission saving amounting to 650 t/year of CO<sub>2</sub>.

In this way, BAXI has succeeded in optimising self-consumption of energy generated by the photovoltaic system **and rendering the boiler production line energy-renewable.**

These results stem from **the above-average performance** of FuturaSun panels compared to market standards, insofar as they guarantee a contractual yield of at least 90% up to the end of the 20th year, and at least 87% up to the 25th year of photovoltaic module life.

This is not the only way in which FuturaSun photovoltaic panels excel in technical terms. The company is the first manufacturer to obtain IEC 61215:2016 for the quality of its photovoltaic modules and IEC 61730:2016 certification for the safety of its modules, from TÜV Rheinland, Cologne, Germany, after **passing 120 tests with outstanding results.**

CPL CONCORDIA chose FuturaSun in view of its **“excellent value for money”**, a distinguishing feature of this dynamic northern Italian company, along with the **“immediate availability”** of requested panels, in virtue of its extensive and versatile manufacturing capacity.

**Technological evolution, competitive challenges, guarantees for clientele with a high ethical profile focused on environmental friendliness are all distinguishing features of the three Italian companies FuturaSun, CPL Concordia, Baxi.** When three leaders of this calibre join forces, excellent results are guaranteed right from the start.

## FuturaSun

FuturaSun was established in 2008 by a team of managers from Italy's photovoltaic hub, in the heart of Veneto. The company is specialised in the manufacture of high-performance photovoltaic panels which have passed the most stringent of tests with outstanding results to achieve



prestigious certifications issued by laboratories from all over the world. FuturaSun photovoltaic panels generate clean energy in over 40 countries of the world.

The company's headquarters are located in Cittadella, Padua Province, in northern Italy. Our photovoltaic panel production plants in Europe and Asia generate a total production capacity of 300 MW/year.

The guaranteed quality of products and specialised technical assistance is what makes FuturaSun such a unique company, firmly rooted in the Italian market and strongly oriented towards foreign markets.

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