

Company profile Next2Sun

The Next2Sun Group is committed to the task of realising the expansion of renewable energy with passion and innovation in order to ensure energy security and protect our environment. The bifacial, vertical PV systems make sustainable power generation cost-effective by combining innovative multiple use with optimised power generation profiles.

Next2Sun was founded in 2015 to launch an innovative PV concept of vertically mounted, bifacial solar modules on the market. The use of these vertical PV systems enables counter-cyclical power generation so that the electricity is fed into the grid at the time when conventional PV systems generate less power: in the morning and afternoon hours. This provides customers with significantly increased grid efficiency and therefore better revenues when selling the electricity.

A wide range of products for various applications was developed on the basis of this system technology. Since then, the Next2Sun Group has become a pioneer in the agrivoltaics segment and has now realised projects totalling over 60 MWp in Germany and abroad. With this volume of projects already realised, Next2Sun is one of the most successful companies in this sector.

Possible applications for the award-winning technology arise primarily in agriculture with so-called agrivoltaics, in which the vertical system allows the area to be used for two purposes: the Fields2Sun system is installed in such a way that agricultural use can continue and electricity can be generated at the same time. The land is ecologically enhanced and provides farmers with additional income opportunities.

However, the use of vertical photovoltaic systems is also designed for applications in the private sector and for companies. By using the solar fence, the Fence2Sun system, customers from the private, public and commercial sectors not only receive independent electricity production, the elements also serve as a privacy screen and demarcation of the property.

Both applications have in common that they achieve a much higher level of grid serviceability due to the counter-cyclical generation of electricity and thus better revenues through the sale of electricity or better self-consumption substitution.

The Next2Sun Group

With around 100 employees, the Next2Sun Group is present at various locations in Germany, Austria, Poland and Japan. Over 500 projects (agrivoltaics and solar fence) have now been installed in 15 countries.

The main stages of the value chain are realised within the Next2Sun Group: Development and patenting of the frame system, project development, project realisation, as well as sales and operation of the systems.

Next2Sun AG is the holding company that systematically manages and optimises the overall activities of the Next2Sun Group.

Next2Sun Technology GmbH is constantly developing the technologies further and supports Next2Sun customers in the realisation of their systems with customised solutions - from technical consulting, owner engineering and the realisation of turnkey systems.

Next2Sun Mounting Systems GmbH is responsible for the worldwide distribution of the Agri-PV mounting system and the solar fence and offers a comprehensive service package to support project developers, system installers and sales partners.

Next2Sun Projekt GmbH develops projects through to construction maturity - from site analysis and land leasing to management contracts, planning permission, grid connection and electricity marketing. In addition to its own projects, Next2Sun Projekt GmbH also offers these services for Next2Sun customers, such as municipal utilities, energy cooperatives and development partners, as well as for landowners who wish to realise their plant themselves.

Expert interview with Sascha Krause-Tünker, CEO of Next2Sun, on grid-compatible PV (in german): [Vertikale bifaziale PV: Lösung für Netze und Landwirtschaft](#)

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