

Over 60 megawatts of installed capacity worldwide

# Vertical agrivoltaics: Fields2Sun

ENERGY GENERATION AND AGRICULTURE TOGETHER



Fields2Sun systems enable the simultaneous use of land for agriculture and solar power generation. Vertically installed, bifacial modules leave enough space for agricultural cultivation while supplying climate-friendly energy. This innovative concept increases land efficiency, optimises yields and actively contributes to the energy transition.

## Fields2Sun: the advantages speak for themselves

### Double land utilisation



The Next2Sun system facilitates dual land use, enabling electricity production and agriculture on over 90% of the available area.

### Ecological land enhancement



Flower strips are created under the rows of modules, promoting biodiversity and creating habitats for various animal species.

### Flexible integration



Adjustable row spacing enables the use of conventional agricultural machinery, which means that agricultural use can continue without restriction.

### High electricity yield



Up to 1,250 kWh yield per installed kWp per year is possible thanks to the use of bifacial, vertically installed modules.

### Anti-cyclical electricity production

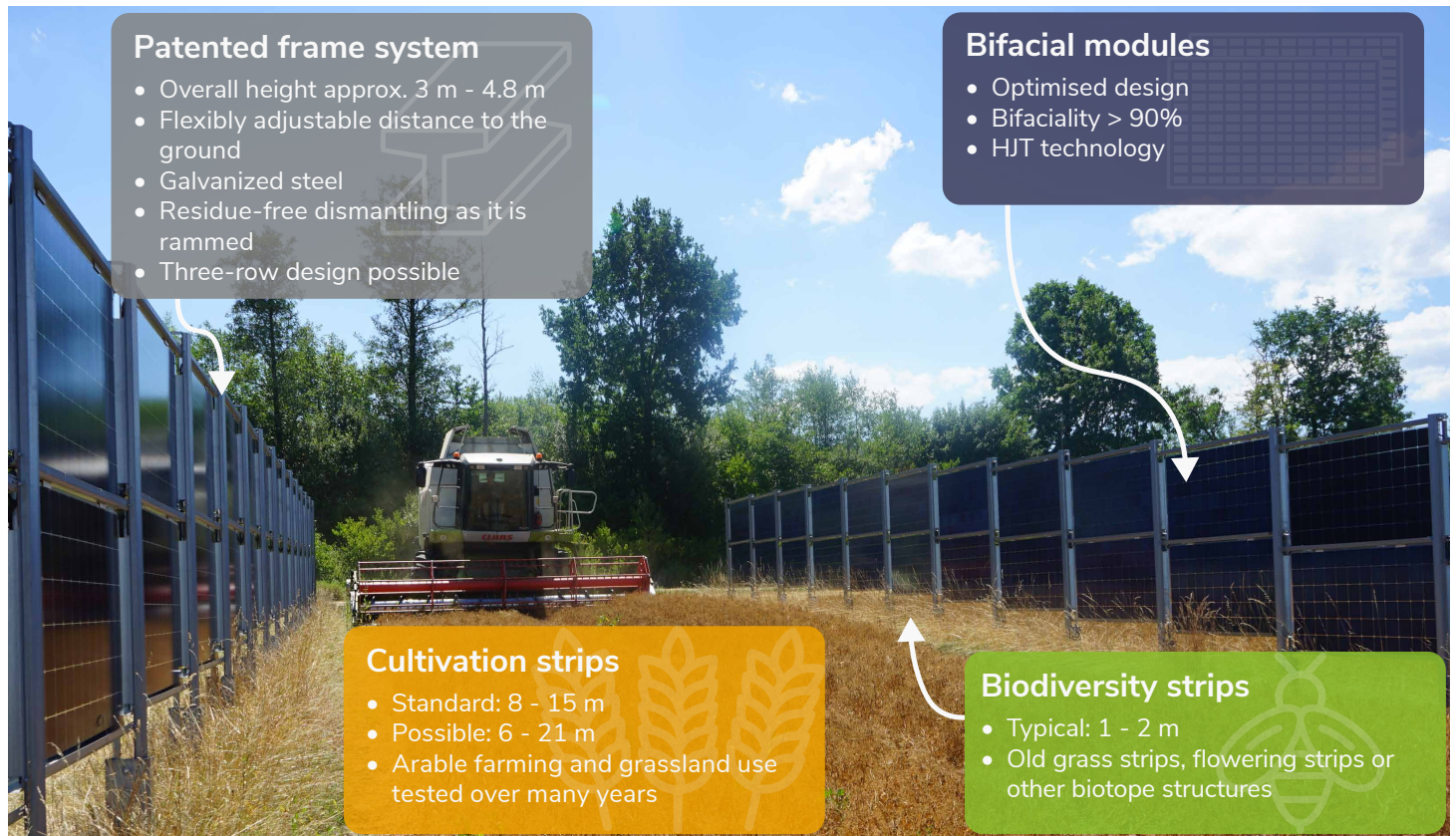


Thanks to the east-west orientation of the solar modules, electricity is generated in accordance with demand, especially in the mornings and evenings. This reduces the load on the electricity grid and generates higher feed-in revenues.

### 10 years of experience



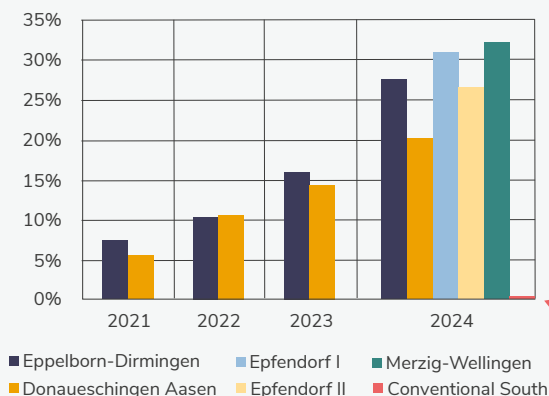
As a pioneer and market leader, Next2Sun brings years of experience, with more than 60 MWp already installed and 100 MWp in advanced development.



## The future of photovoltaics is vertical: Increasing market value advantages

### Spotmarket price benefit for Next2Sun power plants

Price benefit for sold power in comparison to the german average pricing "Marktpreis Solar"



- Increase in the annual market value from 6% to 32% in the annual additional revenues from 2020 to 2024
- €13/MWh market value advantage in 2024
- Growing advantage over conventional South PV due to negative electricity prices on the stock exchange at midday
- Forecast for further increasing market advantage of the Next2Sun system

Contact us today!

As a pioneer, market and technology leader, the Next2Sun Group covers the complete project life cycle for vertical agrivoltaics with its services: From project development, project planning, project realisation and project structuring to regular operation – Next2Sun offers everything from a single source.

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