

What is agrivoltaics?

Agrivoltaics or Agri-PV is an agricultural management system that supports agriculture as its main use and at the same time generates electricity from solar energy. The focus remains on the production of food and animal feed. Agrivoltaic plays a central role not only in the areas of nutrition and energy supply.

Why are agriculture and solar energy competing?

They make it more difficult to grow food, while at the same time the demand for food and renewable energy, such as solar power, is increasing. The problem is that large areas are needed for both agriculture and conventional photovoltaic systems. As a result, agriculture and solar energy have so far often been in competition with each other.

Why should farmers use agrivoltaics?

Quite the opposite: using agrivoltaics, farmers can take advantage of revenue from both foodstuffs and electricity. In addition, this dual use prevents competition for land between the food industry and electricity production, reducing the pressure resulting from an increasing shortage of space and land sealing.

Who is next2sun agrivoltaics for?

Our Next2Sun agrivoltaics concept is aimed at both energy providers and land owners - whether farmers, municipalities and communities, or companies.

Are agrivoltaics a good idea?

Agrivoltaic systems are growing strongly and enable dual use of the land for both agriculture and energy production. In the past, ground-mounted PV systems competed with orchard cultivation or livestock keeping, but the Next2Sun concept now offers an ideal solution! What makes agrivoltaics useful?

Can agrivoltaics reap more than you sow?

Reap more than you sow. Agrivoltaics - or Agri-PV - is the synergy of agriculture and photovoltaic technology. It's the risk-free key to maximizing the potential of your land without interfering with your livestock or impacting your crop cultivation. So try harnessing the Sun in more ways than one with Schletter's cutting-edge Agri-PV systems.

The innovative Agri-PV from AgroSolar Europe intelligently combines agriculture with ...

We boost the sustainability of photovoltaic plants and increase agricultural efficiency. By combining food production and renewable energy generation in a single system, synergies are generated that enhance ...

Discover the top 24 global photovoltaic equipment manufacturing companies shaping the renewable energy

landscape. This article profiles companies like Trina Solar and JA Solar, delving into their product offerings and industry influence

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The innovative Agri-PV from AgroSolar Europe intelligently combines agriculture with renewable power generation. For this purpose, solar modules for electricity generation are erected above and between agricultural areas in such a way that they can continue to be farmed profitably.

Agri-voltaic companies operate by installing solar panels above or alongside agricultural fields, harnessing solar energy while providing shade and shelter for crops beneath. This integrated approach maximizes land use efficiency and promotes sustainable agriculture and renewable energy production.

The agrivoltaic solutions that we develop hand in hand with the agricultural world, produce the ...

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