



Solar panel system Kuoni, Domat/Ems

New Construction

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Starting situation and idea

On the flat roof of the transshipment and logistics centre of Kuoni Transport AG, around 5,000 m² are available for the construction of an economical grid-connected solar power plant. Rhienergie AG secures the rights to build a plant by means of a roof usage agreement and commissions Fanzun with the design, overall project management and construction management.

Challenges

Economic feasibility calculations, based on identical fixed costs, result in a dense module arrangement with high power density. A low tilt angle and an aerodynamically optimised mounting system ensure structural safety while keeping the ballasting to a minimum.

Approach

The grid-connected solar power plant is intended to be built with excellent economic efficiency, offering Rhienergie AG's customers competitive solar power prices. This is to be achieved through low construction, operating and maintenance costs combined with consistently high yields.

Developer: Rhienergie AG, Tamins

Completion: 2012

Project type: New Construction

Project author: Fanzun AG

Construction costs: CHF 1.0 Mio

Scope of services: Overall Supervision, Construction Supervision, Energy

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