



Les Caves du Chateau d'Auvernier



Operazione co-finanziata dall'Unione Europea, Fondo Europeo di Sviluppo Regionale, dallo Stato Italiano, dalla Confederazione elvetica e dai Cantoni nell'ambito del Programma di Cooperazione Interreg V-A Italia-Svizzera. (Codice progetto 603882)

Introduction

Surrounded by the Neuchâtel vineyards, the winery is located at the foot of the Château d'Auvernier in a conservation area. The works for the integration of photovoltaic modules into the roof of a number of buildings within the winery complex demanded particular attention to the area. The challenge for the entire project, which was completed in 2018, was to integrate the buildings into the existing environment, respecting the restrictions regarding conservation, offering an efficient and aesthetically pleasing solution. The building was awarded the 2019 Swiss Solar Prize.

Sources: [Schweizer Solarpreis 2019](#)

Aesthetic integration

The photovoltaic modules cover the entire south-eastern roof area of a number of buildings in the winery complex, creating uniform surfaces of a terracotta colour, thus respecting the strict building requirements of the project.

Technology integration

The Solrif mounting system guarantees the characteristics of a traditional roof.

PROJECT DATA

Project type	new construction
Building use	commercial
Heritage constraint	conservation area
Building address	Pl. des Epancheurs 6, Milvignes, Switzerland

BIPV systems

BIPV SYSTEM DATA

Architectural system	opaque roof
Integration year	2018
Active material	monocrystalline silicon
Module transparency	opaque
Module technology	glass-glass, hidden PV, customized modules
System power [kWp]	24
System area [m²]	151
Modules orientation	South-East
Annual FV production [kWh]	23500

BIPV SYSTEM COSTS

Stakeholders

Main building designer

Atelier d'architecture de St-Nicolas SA

BIPV components producer

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