

Sunny Woods Zürich - Höngg (CH)

Building Details

CONTACTS

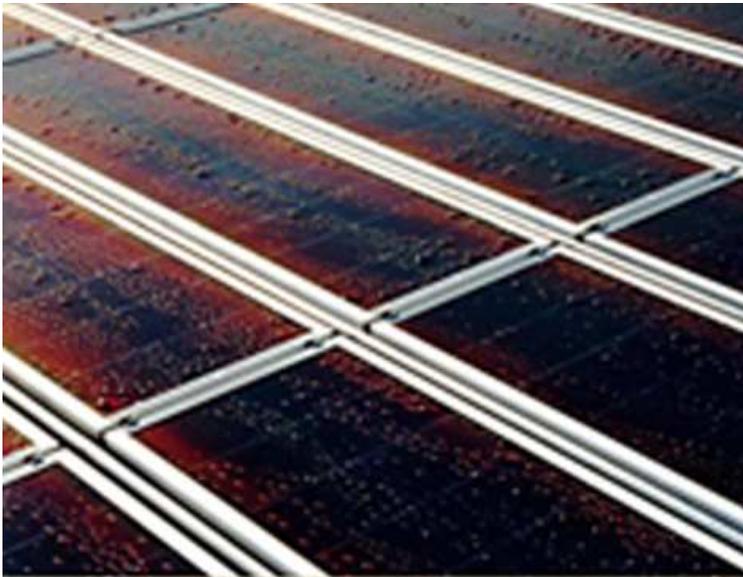
	Name	Website (or e-mail)
Owner	Various owners	-
Architect	Beat Kämpfen	www.kaempfen.ch
Energy Consultant		
PV Installer		

BUILDING

Completion year	2001 Building	2001 PV Plant		
Category	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Renovation	<input type="checkbox"/> Enlargement	<input type="checkbox"/> Other
Typology	<input checked="" type="checkbox"/> Residential	<input type="checkbox"/> Administration	<input type="checkbox"/> Industrial	<input type="checkbox"/> Sport
	<input type="checkbox"/> Agricultural	<input type="checkbox"/> Urban	<input type="checkbox"/> Historical	<input type="checkbox"/> Other

Description

Sunny Woods was erected using a brand-new timber technology. Sunny Woods combines modern design with great living conditions. Sunny Woods was fitted with organic, toxic free materials offering a great place to live in tune with energy efficiency, sustainability and ecology. The external walls of approximately 40cm thickness consist of a load bearing blockboard of only 3.5cm, leaving plenty of space for thermal insulation. It is the first `Zero Heating` apartment complex using thin film solar modules installed across the roof.



BiPV Details

LOCATION OF PLANT

Roof	Flat roof	Sloped	Curved
Façade	Cladding	Balcony	Greenhouse
Glass	Façade	Roof	Solar shading Canopy
Orientation	South	West	East North

ARCHITECTURAL EVALUATION

Color	dark blue/black
Transparency	opaque
Frame	self-fastening chromed steel clamps
Aknowledgments	Swiss solar prize 2002 Eurosolar 2002

SPECIFICATION

Photovoltaic	Monocrystalline	Multicrystalline	Thin Film
PV Module	Cells	a-Si triple junction (Unisolar PVL-136)	
	Module	Unisolar	
Power	kWp	16.1	
Size	m²	290	
Energy production	kWh/year	15.000	