



MIP Bad Kreuznach

Introduzione

The mobile and info point (MIP) is a mobility station with bicycle parking garage and advice center for everything to do with cycling and e-mobility. It was commissioned by the city administration of Bad Kreuznach within the framework of the federal competition "Climate protection through cycling". The construction is characterized by a curved translucent glass façade consisting of a combination of glass and frameless BIPV modules.

([Sunovation](#))

Integrazione estetica

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Integrazione energetica

The BIPV façade is estimated to produce around 14 MWh per year. It generates electricity for e-charging station and lighting.

Integrazione tecnologica

The 44 glass-glass BIPV modules ([eFORM clear](#)) were designed by SUNOVATION in 33 different sizes, each with individually selected cell layout. The XL module sizes have a notable dimension of more than 6.7 m² (> 5 m height). The BIPV modules are made of high-efficiency monocrystalline cells and fall-proof glazing.

DATI EDIFICIO

Tipologia progetto	nuova costruzione
Destinazione d'uso	multifunzionale
Indirizzo edificio	Europapl. 23, Bad Kreuznach, Germany

Sistemi BIPV

DATI SISTEMA BIPV

Sistema architettonico	warm façade
Anno integrazione BIPV	2015
Active material	monocrystalline silicon
Trasparenza modulo	semi-trasparente
Tecnologia modulo	vetro-vetro, FV riconoscibile, modulo customizzato
Potenza sistema [kWp]	25
Area sistema [m²]	221
Orientamento moduli	West, South, East
Inclinazione moduli [°]	90
Produzione FV annuale [kWh]	14000

COSTI SISTEMA BIPV

Stakeholders

Progettista principale

slb_architekten und ingenieure

Produttore componenti BIPV

Sunovation GmbH
Glanzstoffstraße 21, Elsenfeld, Germany
info@sunovation.de +49(0) 6022 / 26573-0
<https://sunovation.de/en/>

Collaboratori

Stadtverwaltung Bad Kreuznach, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU - in German)



Autore caso studio: