



eV-Chalet

Einführung

eV-Chalet is an off-grid public informative structure, characterised by a BIPV roof system. It is result of a special collaboration between eV-Now! (Ente Privato di Ricerca, Sviluppo e Promozione della Mobilità Elettrica) and Morterone municipality.

Energietechnische Integration

eV-Chalet is an energy self-sufficient structure. The BIPV system supplies a heat pump and several devices (i.e. Wifi connection, weather station, electric vehicles charging points, info-monitor, video surveillance).

PROJEKTDATEN

Projektart	Neubau
Gebäudefunktion	Empfangsgebäude
Gebäudeadresse	Località centro, Morterone, Ballabio (LC), Italien

BIPV-Systems

BIPV-SYSTEMDATEN

Architektonisches System	opakes Dach
BIPV-Integrationsjahr	2021
Active material	monokristallines Silizium
Modultransparenz	undurchsichtig
Modultechnik	Glas-Glas, verstecktes PV, Standardmodule
Systemleistung [kWp]	8,8
Modulabmessungen [mm]	1000 x 1500
Modulorientierung	Norden-Westen, Süden-Osten

BIPV-SYSTEMKOSTEN

Stakeholder

BIPV-Systemdesigner

GruppoSTG Srl

Installateur des BIPV-Systems

GruppoSTG Srl
Via P. Paleocapa 19, Bergamo (BG), Italien
+39 035-0510171
<https://www.gruppostg.com/it/>

Hersteller von BIPV-Komponenten

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Autor der Fallstudie: