



ASSOLOMBARDA

IL TETTO FOTOVOLTAICO COME ASSET DELL'IMPRESA

I componenti e la tecnologia di un
impianto fotovoltaico

relatore: Enrico Marin

WEBINAR

03 dicembre 2020

ore 10:00

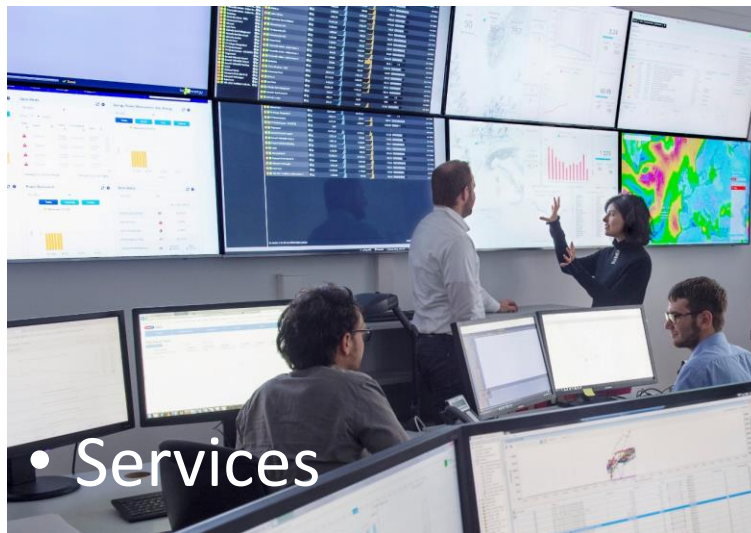




• Projects

> **3 GW** installed capacity in wind and solar globally.

> **10 GW** global project pipeline solar and wind onshore.



• Services

- > **8.3 GW** under operational management; services in energy trading; consultancy and technical management for biogas, wind and solar energy.

- > **4 GW** direct marketing portfolio



• Solutions

- **Comprehensive** solar and storage product range, solar distribution for more than > **10,000** installation and sales partners globally.

- **Energy solutions** for commercials and multinationals, from self-consumption to green energy supply.

I componenti e la tecnologia di un impianto fotovoltaico



- Moduli fotovoltaici
- Inverter
- Sistemi di accumulo
- Sistema di fissaggio ed ancoraggio
- Altro: connettori, cavi solari, quadri AC e DC, sistemi di monitoraggio

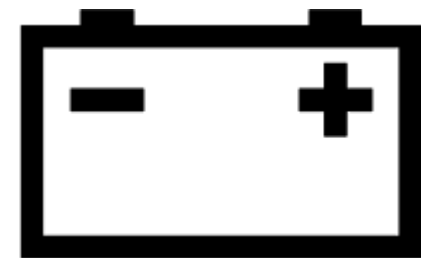
- Chi è il produttore
- Bancabilità
- Garanzia prodotto e producibilità
- Indice difettosità



- Monocristallino alta efficienza (W/m²)
- Half cut
- Multi bus bar
- PERC, PERT, n-type, p-type, IBC
- Celle M6, M10, M12
- Bifaccialità

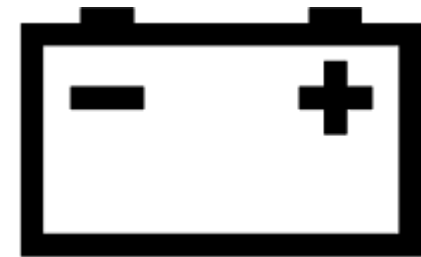


- Analisi costi-benefici
- Indipendenza energetica
- Peak shaving
- Affidabilità tecnologica



Sistemi di accumulo – la tecnologia

- Tecnologia attuale: Ioni di litio
- I limiti dei prodotti disponibili
- «Start-up» tecnologica in applicazioni industriali



Sistemi di fissaggio ed ancoraggio

- Dimensionamento strutture
- Analisi carichi statici e dinamici
- Soluzione su misura



Ingrediente segreto....

- Progettazione
- Installazione
- Garanzia





Grazie

Enrico Marin
Amministratore Unico

BayWa r.e. Solar Systems Srl
Anello Nord, 25 – 39031 Brunico (BZ)
Telefono: +39 0474 37 50 65
Email: enrico.marin@baywa-re.com
www.baywa-re.com



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