EU PVSEC 2020
IEA PVPS TASK 15 (PHASE 2) WORKSHOP

BUILDING INTEGRATED PHOTOVOLTAICS – FROM BEST PRACTICE EXAMPLES TO LARGE-SCALE MARKET PENETRATION

Markus Feichtner
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Key Facts

1. For 28 years on the market
2. 2 production sites
3. 180 employees

No. 1
One of Europe's biggest system suppliers for heat and electricity
More than 1 GWp produced and more than 1 Mio. households in Europe use products of the solar industry St. Veit
Production sites
Energy for life

100% SUN

SUNROOF

SUNBALCONY

SUNTERRACE

SUNSTORAGE

SUNFACADE

SUNPORT

- Confidential -
Every house has the potential to become a 100% solar house
- Energy from the facade: direct power generation from the sun integrated in the building envelope
- Building envelopes become a real power plant for solar energy
- Reduce costs – an active energy facade is continuously economical
- Direct power generation from the sun
- 10 m² module area on the south facade result in an annual yield of 1.000kWh
- Optimized yield in winter
SUNFAÇADE - challenges

- More complex system layout and project execution (sampling, batch production, subsequent deliveries)
- Higher initial costs
- May require the usage of special components (glass, ribbons, etc.)
- Relatively small batch sizes
- Inhibition thresholds at traditional crafts
- No uniform standards for sun facades available so far

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Solar houses change villages and cities...
... and no one sees it
Eine Marke von Solar-Fence, Austria
Eine Marke von Terrace roof, Austria

-Terrace roof, Austria
Thank you very much for your attention!!!