



Eine Marke von
SONNENKRAFT

EU PVSEC 2020

IEA PVPS TASK 15 (PHASE 2) WORKSHOP

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

Markus Feichtner
September 08th, 2020

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Key Facts



For **28** years
on the market



No. 1

One of Europe's
biggest system
suppliers for heat and
electricity



2 production
sites



More than **1 GWp**
produced and more
than **1 Mio.**

households in Europe
use products of the
solar industry St. Veit



180
employees

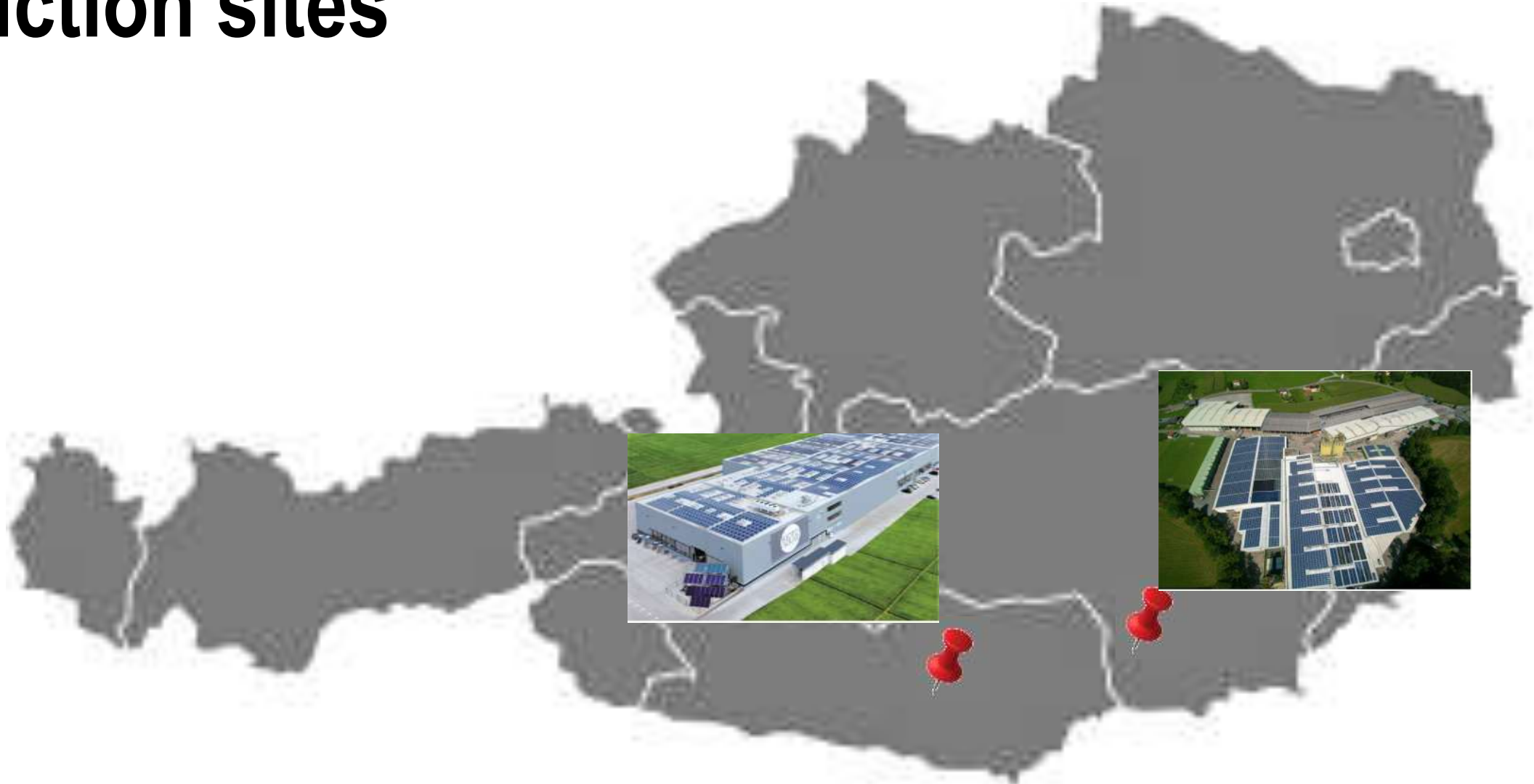
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Production sites



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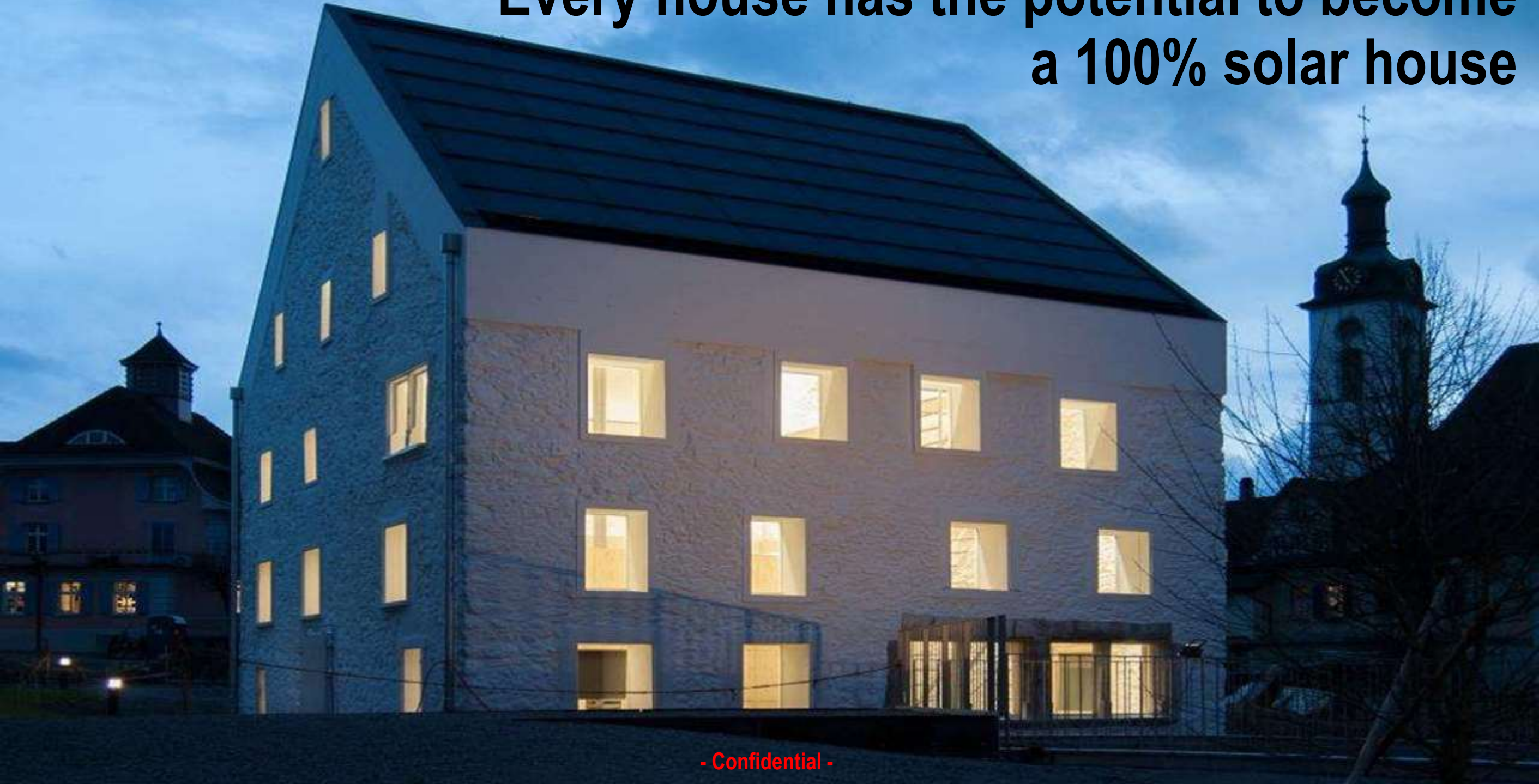
Energy for life

100% SUN



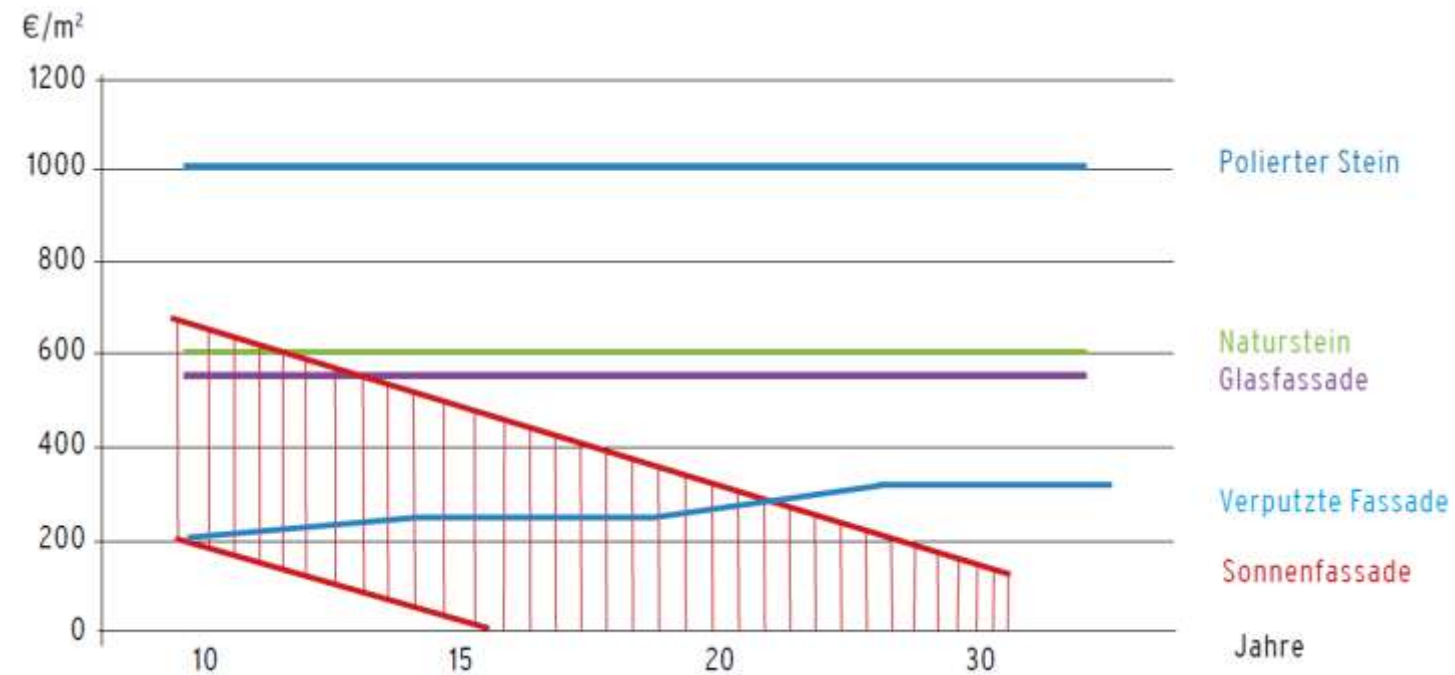
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**Every house has the potential to become
a 100% solar house**

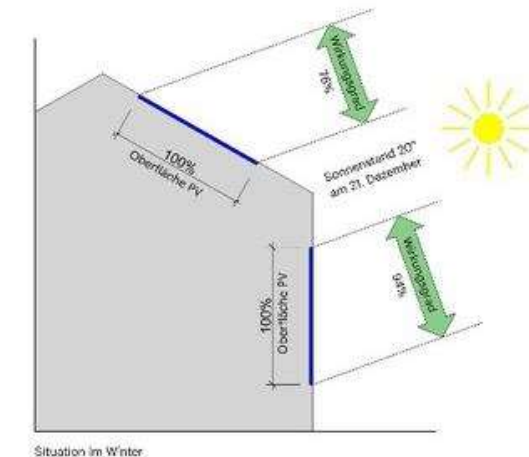
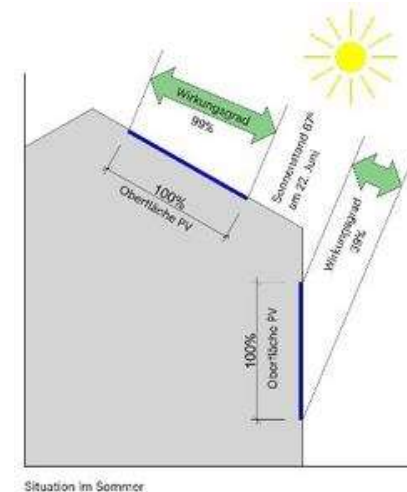


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- Energy from the facade: direct power generation from the sun integrated in the building envelope
- Building envelopes become a real power plant for solar energy
- Reduce costs – an active energy facade is continuously economical



- 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



SUNFACADE - challenges

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- 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



Solar houses change villages and cities....



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... and no one sees it



2. INNOVATIONSAWARD
BAUWERK
INTEGRIERTE
PHOTOVOLTAIK



TECHNOLOGIE
PLATTFORM
PHOTOVOLTAIK

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SUNFACADE, Switzerland



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Solar-Fence, Austria



In-roof power plant, Switzerland



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Terrace roof, Austria

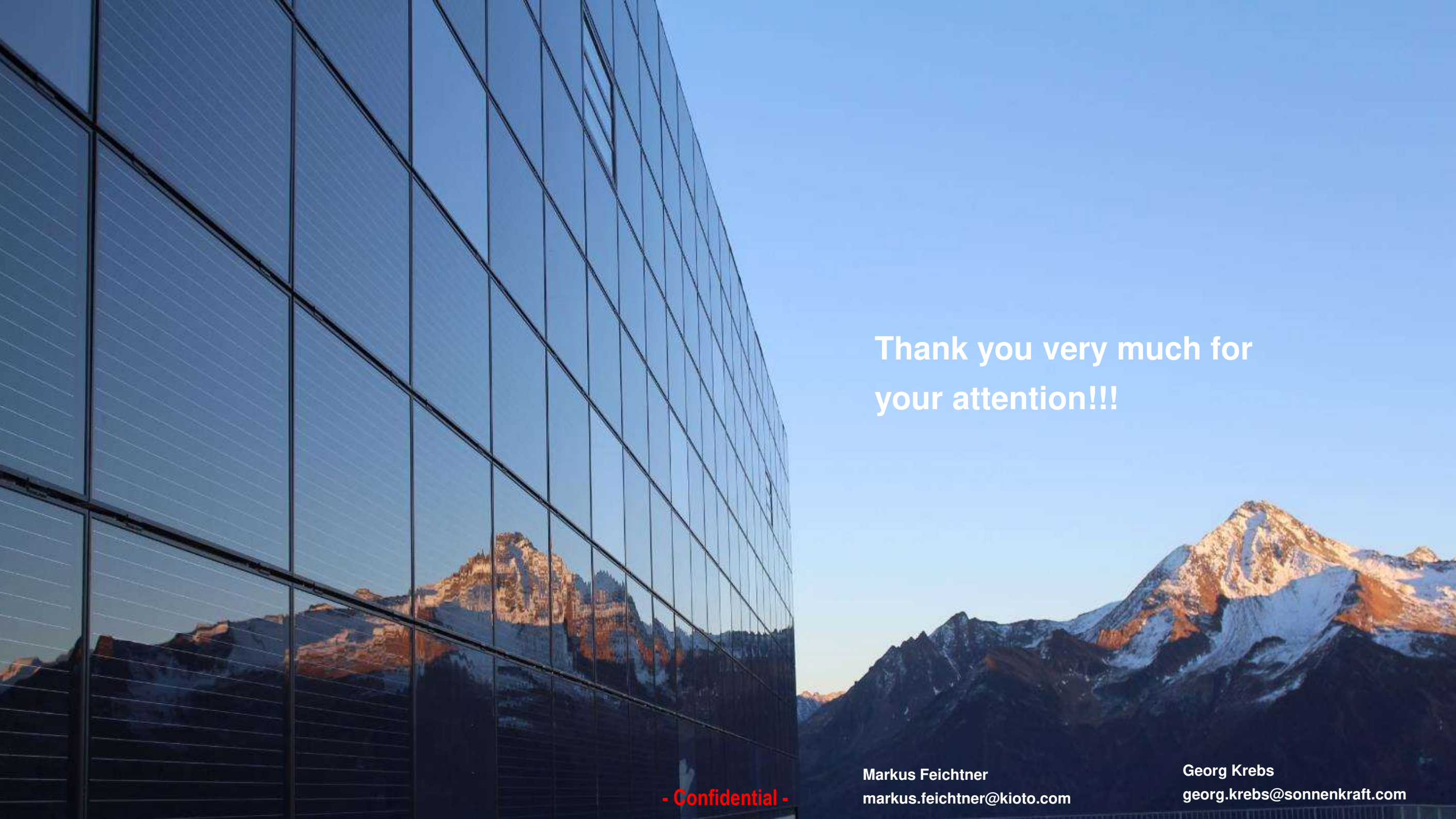


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E-Carport, Austria

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Thank you very much for
your attention!!!

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