# Building integrated solar energy – new Danish project

• In the 80's – 90's great interest for renovation

•







· Now great interest for renewable energy





The house owners know exactly when to switch

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#### New photo voltaics – project:

- Total: 20.000 pv plants 26 MW
- But now 20.000 plants per year...
- Most of them up to 6 kW plants (producing 5400 kWh/year)
- Pay back time 5 10 years...and thereafter they produce electricity for free for 20 – 30 years...
- So it is cheaper and more popular than other renovation –
- Most cost efficient







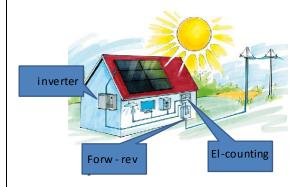
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#### Interesting

 Renewable leads to decrease of electricity demand.....due to new awareness



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## So – what may go wrong – and how can we avoid it?

- Inverter placement roof destroyed bad connections
- Do we need new tests and standards?
- · Check production and lifetime
- Education courses
- Rules and regulation
- Building integration aesthetics
- International exchange of experience

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### International exchange of experience

- Status in your countries
  - What has been successfull in your countries and what has not??
- Do you want info about the Danish experience? Contact me
- Presentations on relevant fora

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Thank you for your attention!!





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