



Forum discussion

Silicon PV for grid parity and EU 2020 targets

**Wafer silicon PV will be able
to compete with thin film PV
for decades**

The PV sector is too modest; aggressive targets^{*)} like in the Solar Europe Initiative are crucial for survival and success

**^{*)}up to 12% of EU electricity consumption
(or \approx 400 GWp) in 2020**

Solar Europe Initiative

(developed in the frame of the EU Strategic Energy Technology (SET) Plan)

- PV solar energy *can* contribute to the EU 2020 targets
- 4 to 12% of EU electricity consumption:
 - **baseline scenario (4%)**
 - **accelerated scenario (6%)**
 - **“paradigm shift” scenario (12%)**
- critical action areas:
 - **cost reduction**
 - **grid integration**
 - **demonstration & deployment**



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**European research should represent a much bigger share of total than today ($\approx 6\%$);
join forces or loose the battle
against Asia and the USA**