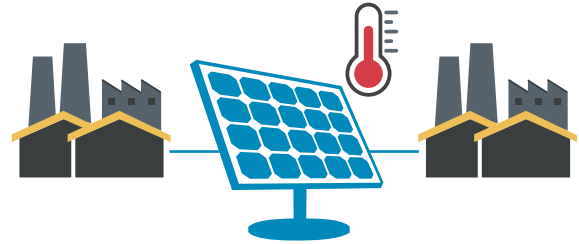


CASE WATCH 18 : SOLAR HEAT IN PROCESS INDUSTRY

Jointly invest in solar heat plants for shared use of renewable heat in industry.

Support renewable electricity in process industry by joining renewable heat incentives.



TAPPING INTO RENEWABLES

KEY INSIGHTS

- use renewable heat
- reduce CO₂ emissions
- reduce primary heat sources

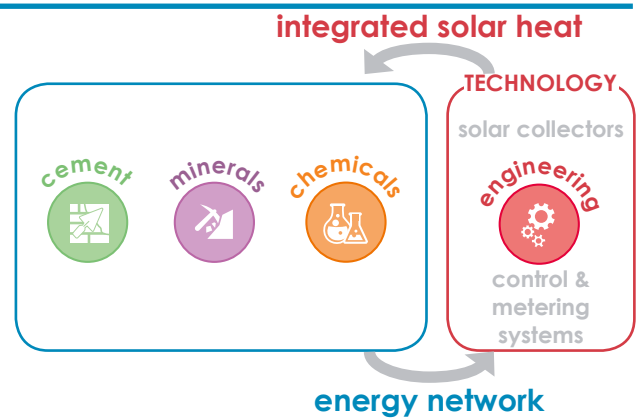


Figure 1: Synergy scheme ¹

CROSS-SECTOR COLLABORATION

Process industries in certain regions have a high interest in sourcing renewable heat.

Energy-intensive industries have a growing demand for renewable heat.

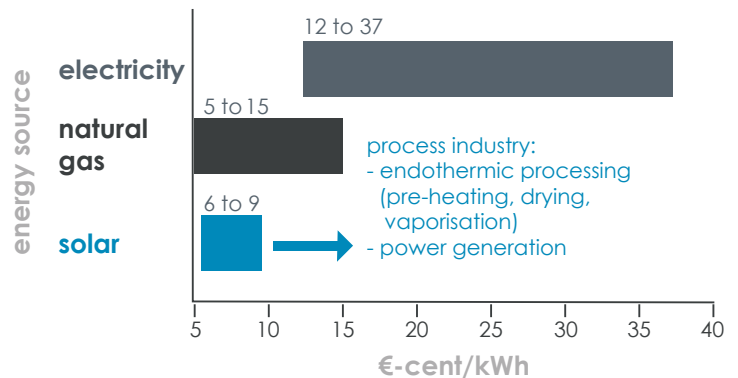


Figure 2: Thermic solar panels potential ^{1,2,3,4}

SUSTAINABILITY IMPACT

Wins for industry

> for industry: 5-20% ROI and lower opex^{2,3,5}

Environmental gains

> CO₂ emissions reduction:
100-300 g CO₂/kWh used⁶

Wins for society

- > public health benefits due to renewable energy¹
- > community integration through PPP investment
- > job creation and new skill development

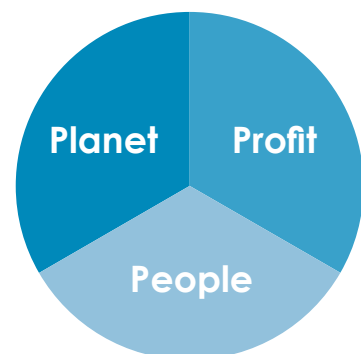


Figure 3: Sustainability ¹

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