



solar heat for industry



Process Heat - Free From The Sun

Concentrating Fresnel Collector Systems by Mirroxx GmbH

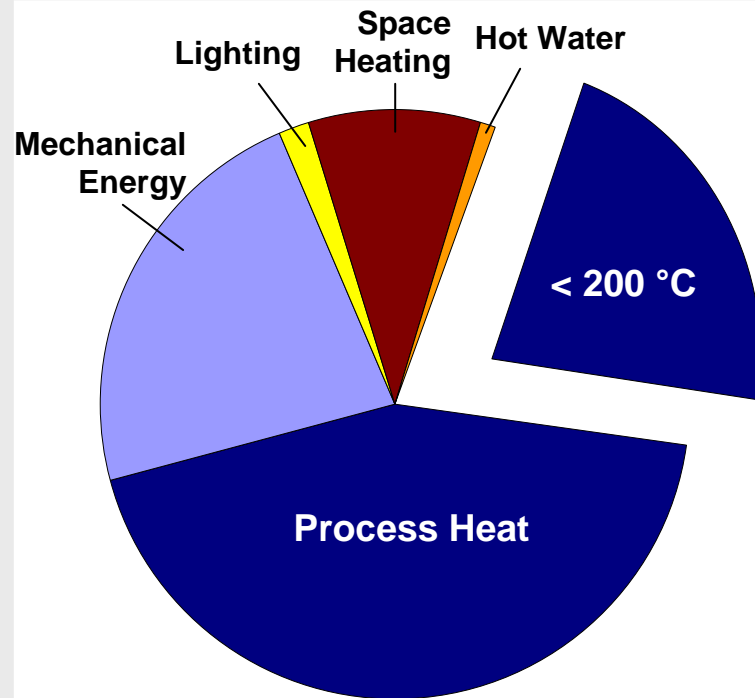
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Industrial Process Heat Demand



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- 2/3 of industrial end energy = process heat
- 1/3 of process heat < 200 C
- Huge potential for solar energy



Food Industry
Textile Industry
Chemical Industry
Cooling / Air Conditioning

Fresnel process heat collector



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- **Temperature range**
 - 150 to 200 °C with pressurized water
 - up to 400 °C with thermal oil
 - Direct steam generation under development
- **Power range**
 - from 100 kW to 10 MW
- **Unique selling proposition**
 - high ground usage
 - low wind load
 - rooftop installation

From PSE to Mirroxx

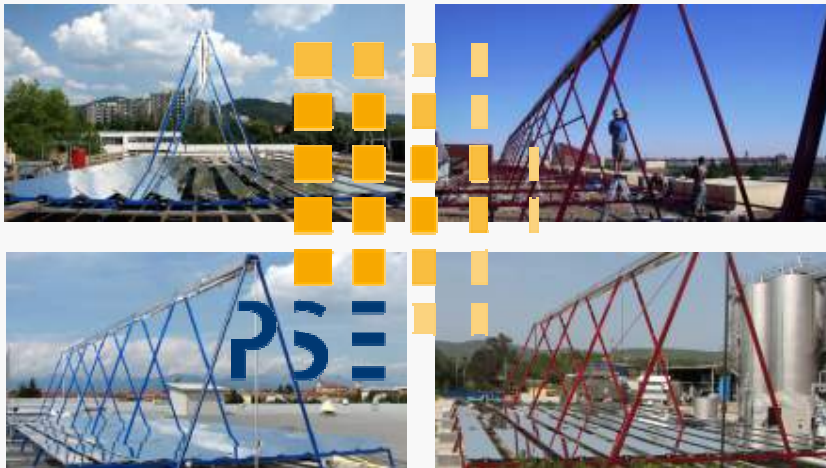


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✓ Development

✓ Pilot-Experience

✓ Commercialization



- Production line in Freiburg
- International co-operations
 - Sales
 - Installation
 - Sourcing



Achievements:

- 4 projects realized by PSE
- System reliability approved
- Sales and Collector-Production by Mirroxx GmbH founded in 11/08 (PSE Spin-Off)
- Commercial Quotes for different fields of use (heat, cooling, steam)