



## The Power of Solar Process Heat

Almost 50% of the European final energy demand is for heating and cooling. Industrial process heat and cooling accounts for a major portion of energy consumption in the industrial world.

Our concentrating linear Fresnel reflector (CLFR) is perfectly suited for this sector and designed for temperatures of up to 400°C. The collector can be used for cooling, process heat, and power-generation for various applications in the range of 200 kW to 10 MW.

Ideal locations for the Industrial Solar Fresnel collector technology are regions with plentiful sunshine.



### Applications

- Industrial process heat
- Solar Cooling
- Power generation

Even more attractive is a combination with absorption chillers and other process heat applications in cogeneration or poly-generation systems.

### Markets / Customers

- Chemical
- Textiles
- Pharmaceuticals
- Food processing and production
- Hotels
- Supermarkets
- etc.

### Advantages

- Top quality engineering guarantees reliable operation, maximum output and therefore the highest possible cost-effectiveness
- High ground usage factor
- Good weight distribution and small wind load for easy rooftop installation
- Output temperature up to 400 °C
- Precise automatic power and temperature control – no stagnation or overheating problem
- Installation close to the process heat application on the roof of a production hall
- The system does not need to be aligned on a north-south or east-west axis
- Reliable reflectors made of flat glass mirrors
- Remote control and monitoring via internet
- Low operation and maintenance