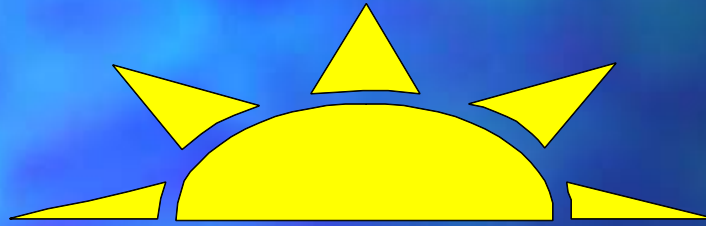


EUROPEAN ENERGY VENTURE FAIR 2005

September 27th 2005, Zurich, Switzerland



MEREG

Solar energy more profitable.

Business Start April 04

- ▶ 6 MWp /a production of conventional PV modules

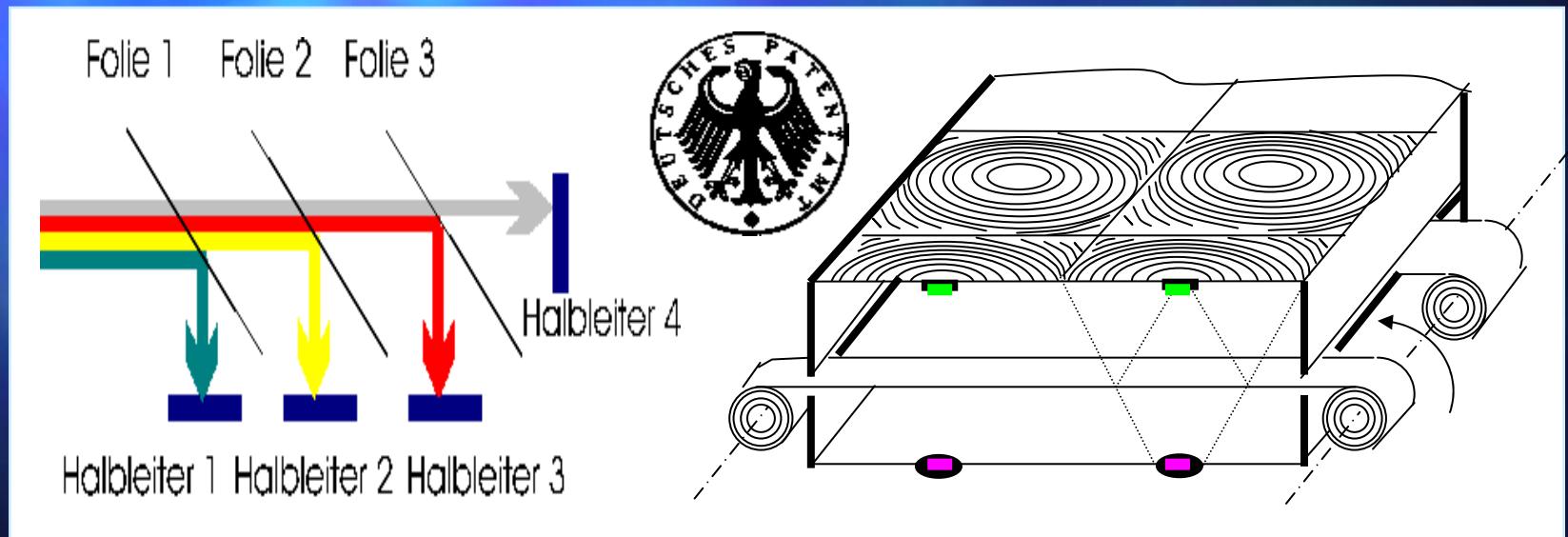


9 M. EURO SALES VOLUME TILL 08/2005

Innovative Product Offering

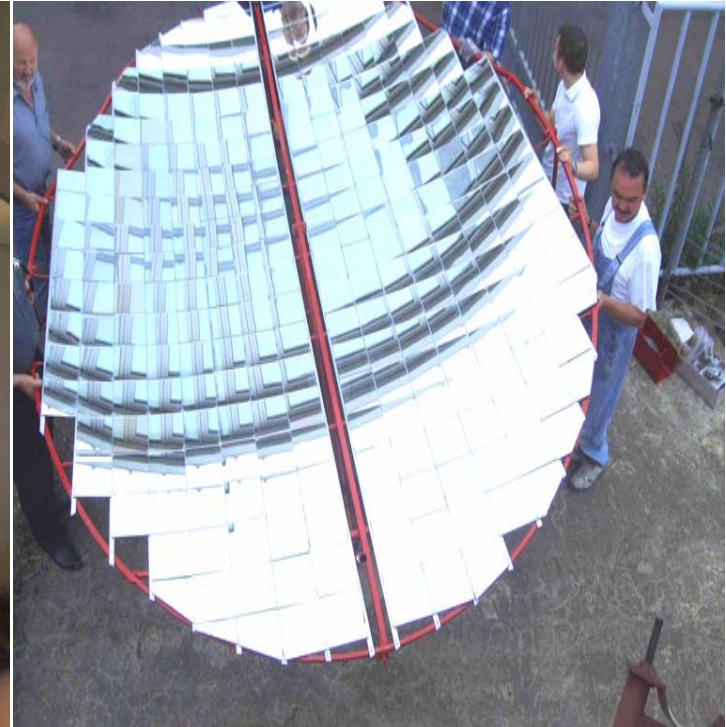
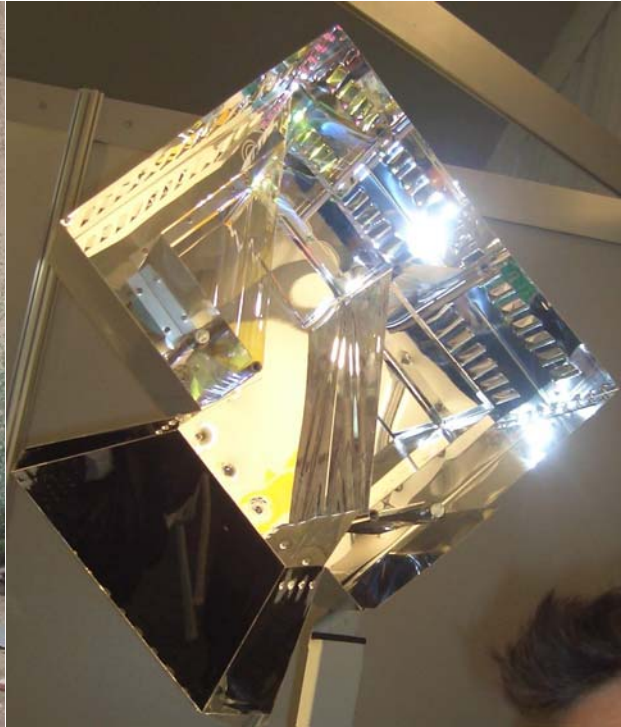
SOL AMI® - Interference Mirror Films

Split the sun beams into it's rainbow colors
optimized for several photo cells



MORE EFFICIENT, LESS COST

SOL AMI® Test Installations



OUR PRODUCT: SOL AMI® RECEIVER

Customer Benefit SOL AMI®

Rentability 40% better than conventional PV

**6 kWp SOL AMI®
Prototype with
Scheffler-Mirror**

Build 07/2005

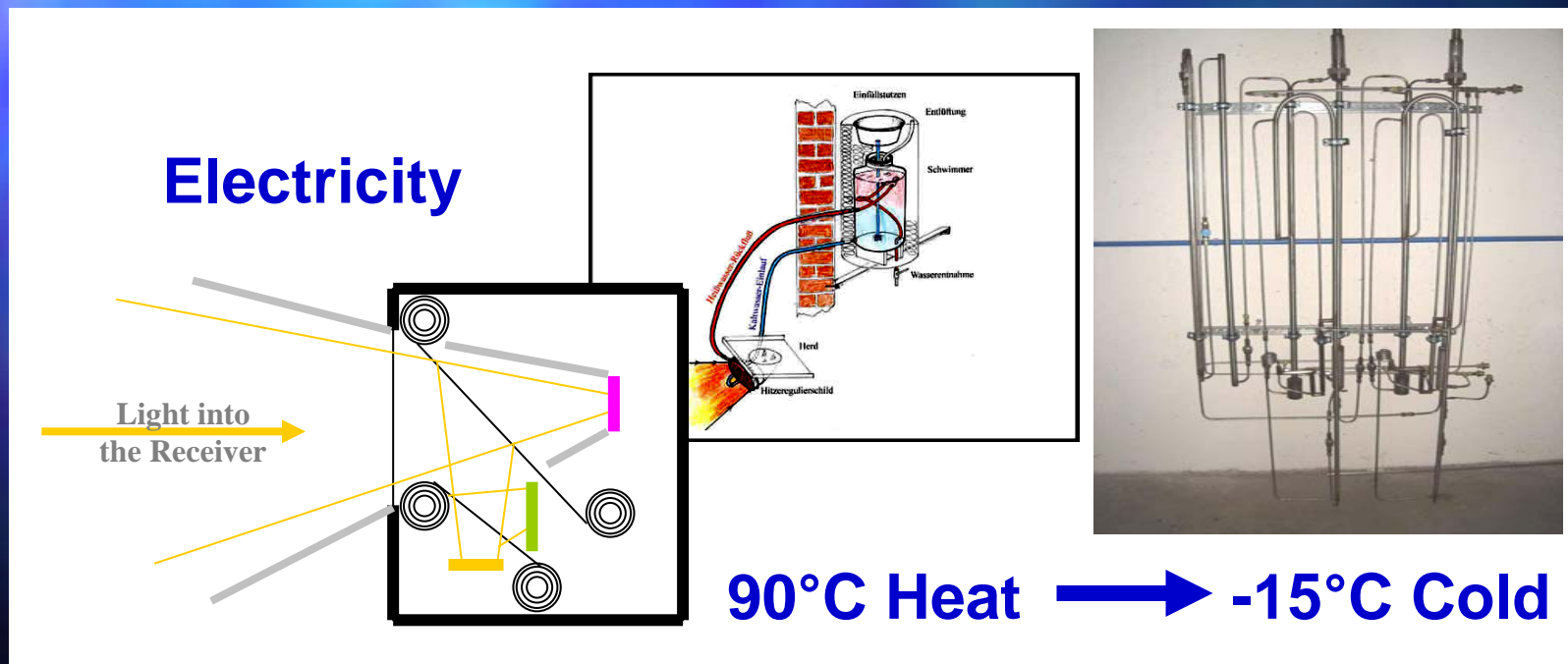
Mirror cost 1000 €



YIELD FROM ELECTRICITY AND HEAT

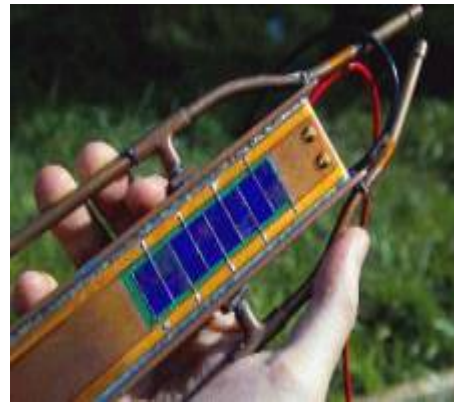
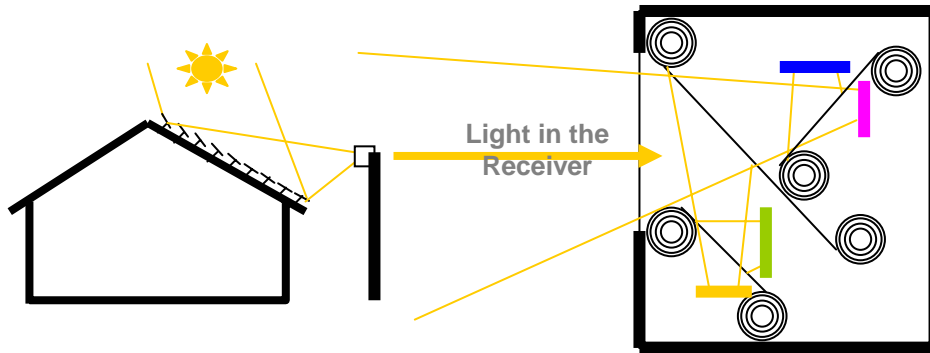
Cooling With Heat

- ▶ **Cooling with sun heat is possible**
(air conditioning, water condensation)



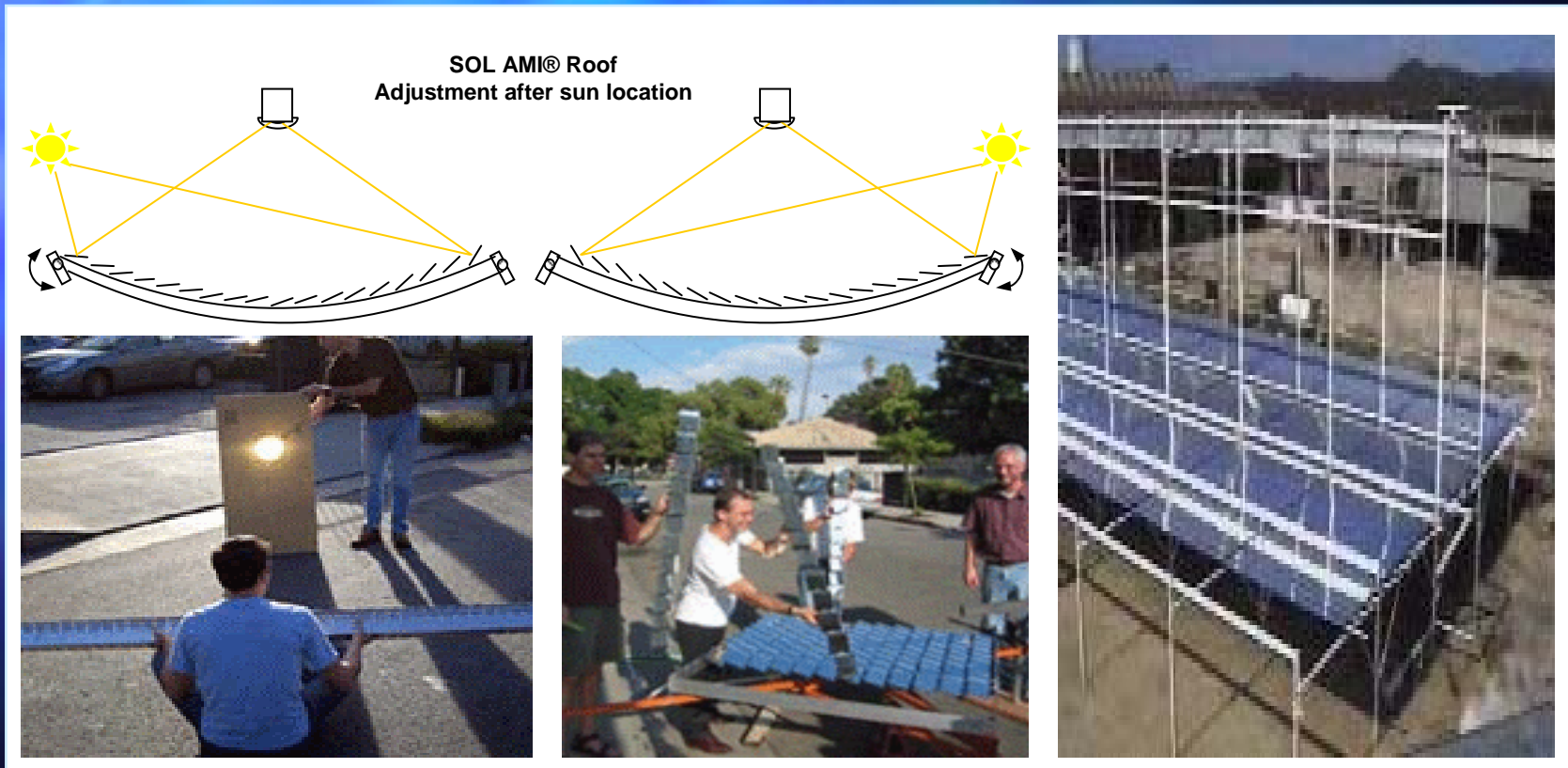
VERY HIGH MARKET POTENTIAL !

Next steps: SOL AMI® Applications



VARIOUS OPTICS AVAILABLE

SOL AMI® Roof



Fresnel mirrors by other manufacturers

SOL AMI® Power Plant

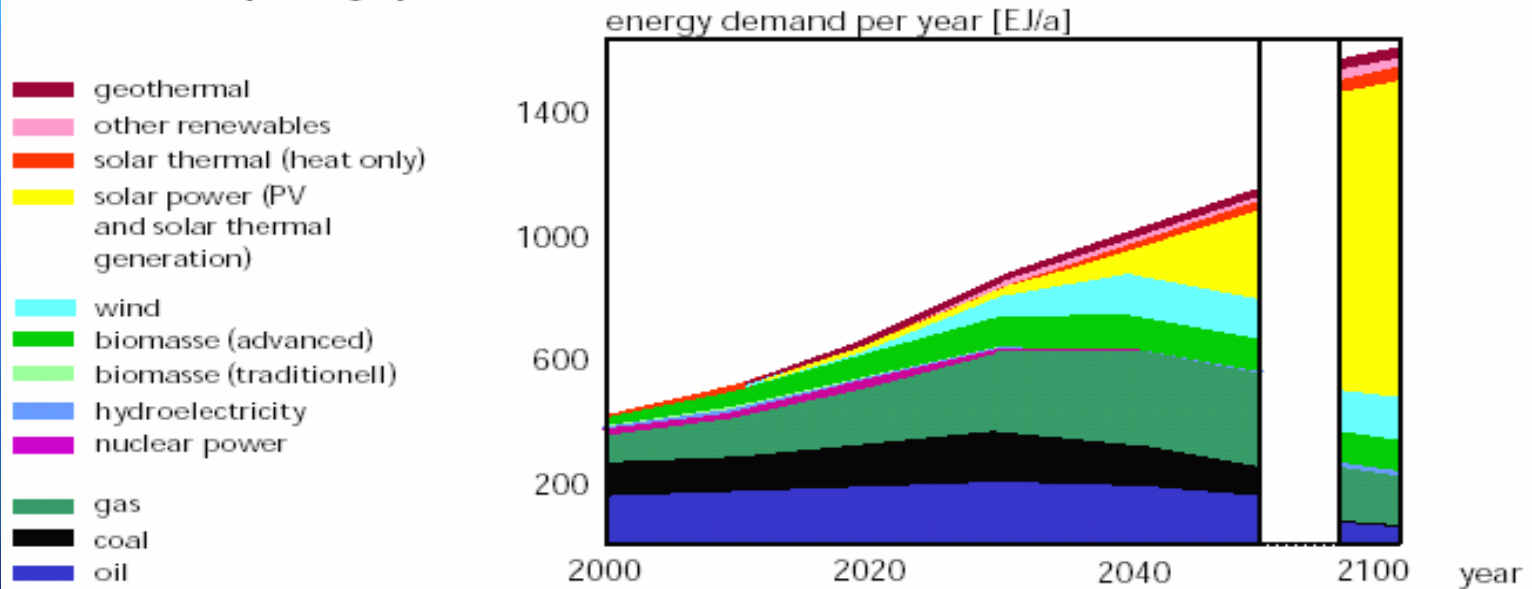
Using the deserts → crops production



SEPARATION OF LIGHT & HEAT !

Market Development

Transformation of the global energy system,
an exemplary path



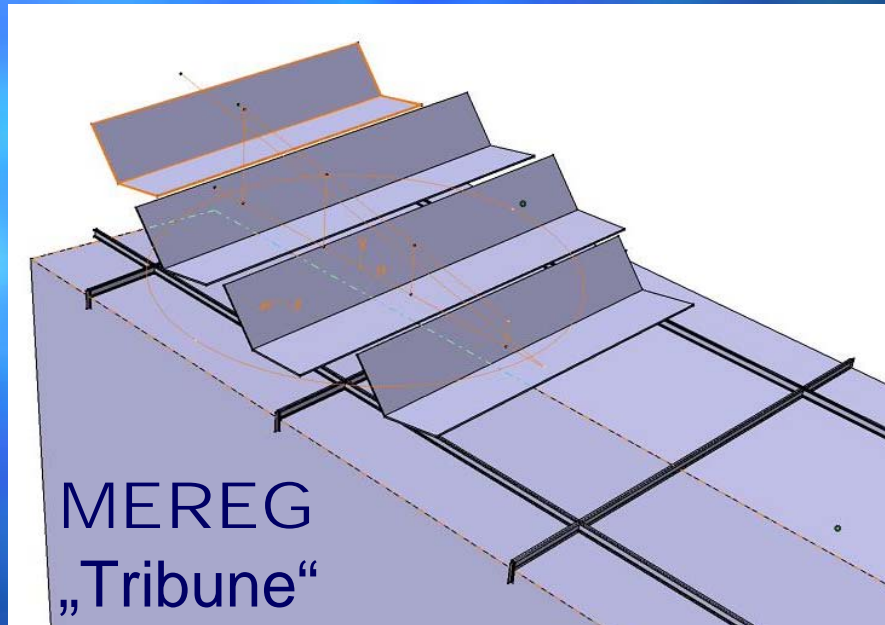
Source: German Advisory Council on Global Change, 2003

Solar-Combi-Powerplants Are The Future

Business & Revenue Modell

- Production of Key-components
SOL AMI®-Receiver (High product margin)
- Solar power plants in cooperation with
manufacturers of optical structures
- Energy Contracting
- Conventional Solar power plants

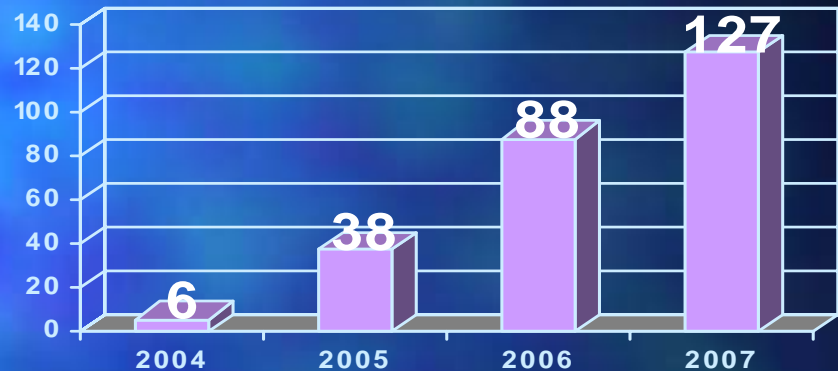
Market Entrance Strategy



Update Option: Combination of conventional PV sun tracking installations with SOL AML® reduces risk

Needed Resources

▶ Personal

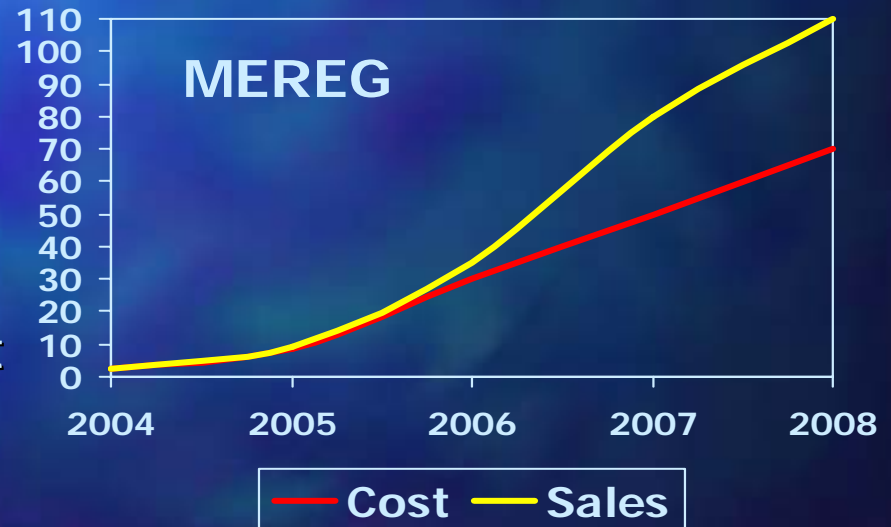


▶ Capital

2005: 2.5 Mio Euro

2006: 20,2 Mio Euro

Investment f. production plant
(needs Equity Capital 40 %)



Participation Models

- ▶ **Solar-Installations (6,5-9% Profit p.a.)**
- ▶ **At the company MEREG (>10% Profit p.a.)
+ stock options**

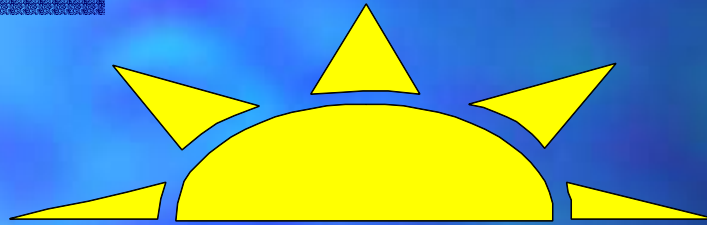
GET THE ENERGY

Company

- ▶ **MEREG is a Technology-Startup (2004)**
- ▶ actually 6.5 Mio Euro sales volume 01/05 to 07/05
- ▶ 8 employees, 11 freelancers in 5 countries
- ▶ **Management**
- ◆ 3 persons: for 10 to 15 years management experience



Contact



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