

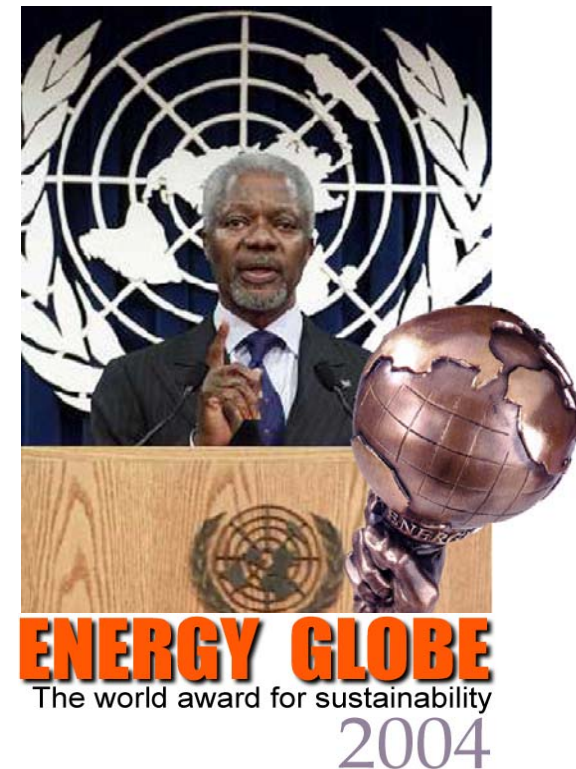
EUROPEAN ENERGY VENTURE FAIR 2005

Solitem GmbH
Aachen, Germany



**The European Energy
Venture Fair 2005**

September 27, 2005
Zurich, Switzerland



Worldwide first convenient Solar Cooling Systems

Since September 2004

WORLDWIDE

Six times awarded

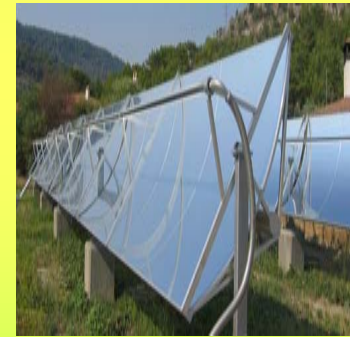


What is the magic of the SOLITEM System?



WORLDWIDE

- **Unique system for solar air conditioning**
- **3 times more Efficiency**
- **Marketable and fully developed product**
- **Profitable Air Conditioning and Steam production with 100% solar energy**



Our Company

- **SOLITEM GmbH, located in Aachen, Germany**
- **SOLITEM subsidiary in Turkey**
- **LKS Ltd. subsidiary in Turkey**

20 Employees

- **Construction sites planned with partners**
 - **On short term basis: Mexico/USA**
 - **On short term basis: Tunis/Tinesia**
 - **On long term basis: China**
 - **On long term basis: Australia**



Our Product

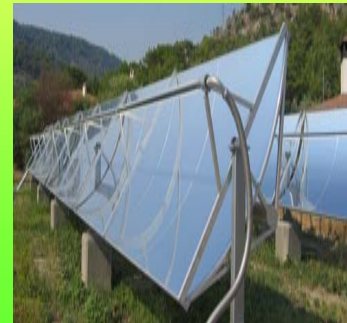
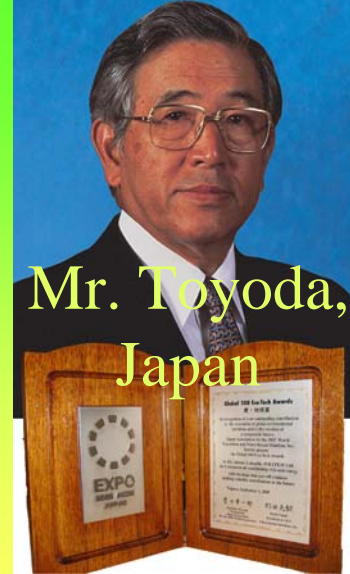
Parabolic Through Collectors combined with double effect Absorption Chiller

What delivers the SOLITEM System?

- **Solar Cooling and Heating**
- **Process Steam Production**
- **Solar thermal Electric Power Production**

Or a combined system:

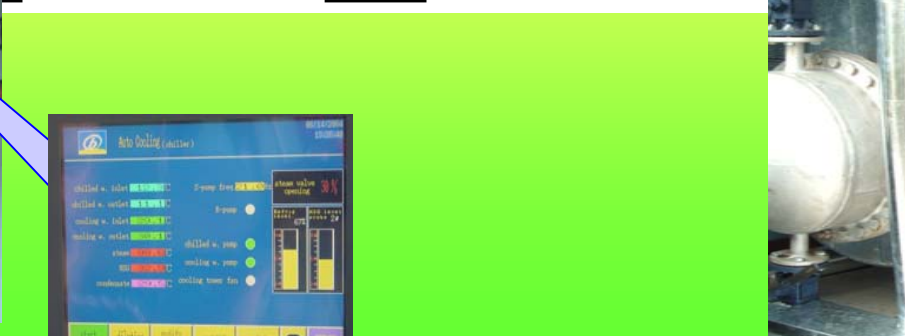
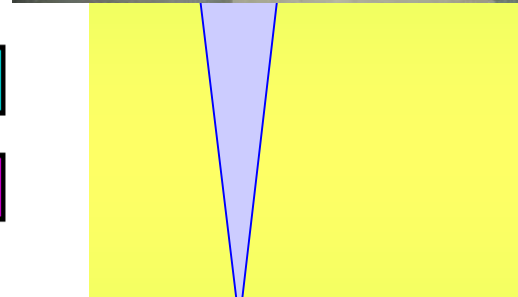
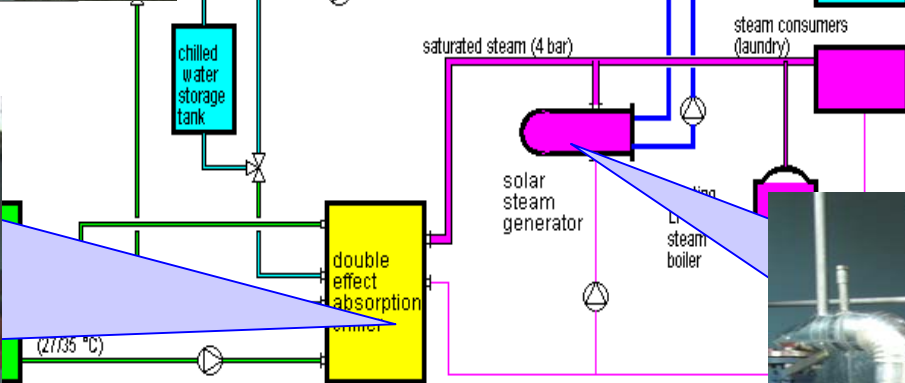
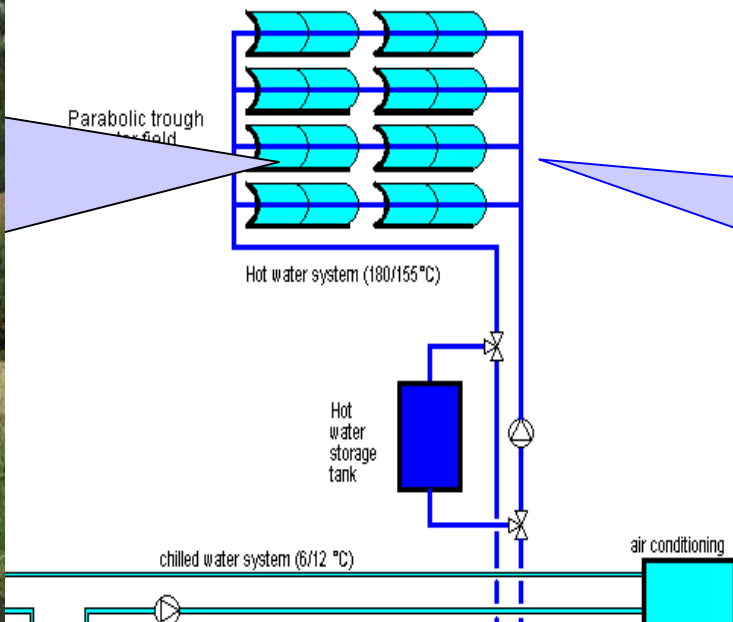
- **Combined Heat, Cooling and Power (CHCP)**
- **Solar-Hybrid Systems**
- **Desalination Plants**



Our customers

- **Hotels**
 - Summer mode: process steam and cooling
 - Winter mode: process steam and heating
- **Hospitals and Clinics**
- **Industries**
 - Food processing
 - Textiles
 - Chemical industry
- **Supermarkets and cold storage buildings**
- **Apartment buildings**
- **Seawater desalination plants**





Existing SOLITEM Systems

- Ball-Bearing Factory, Ankara/Turkey
- TUI Iberotel Sarigerme Park,
Dalaman/Turkey
- Grand Kaptan, Alanya, Turkey

Actual Projects

- Technology Institute, Gebze/Turkey
- Hotel-project in Morocco
- Clinic-project in Jordan
- Projects in negotiation in Tunisia, Cyprus, Germany, Spain
- Numerous inquiries from all over the world



Our Markets

Financially profitable markets are

- **Countries with high solar radiation (e.g. Mediterranean, Arabia, Amerika, Australia etc.)**
- **Countries with governmental aids or tax relief**
- **Isolated applications or places with a lack of cost effective fossil fuels**
- **Strategic solutions to cover short term electric shortages in local power systems**



Our Competitors

SOLITEM estimates a technological head start of 1 to 2 years

Any new technology generates opposition and mental obstacles.

That is why we would appreciate competitors on the market helping to raise the publicity and easing the market entry

There is enough space for other bidders on the huge market.

Several Patents are pending.



Our Business and Revenue

	2005	2006	2007	2008	2009
Total Turnover	660.000	6.700.000	27.500.000	69.000.000	140.000.000
Operational Profit	75.000	2.080.000	11.200.000	29.000.000	63.000.000

From mid 2006 on, we are going to enter the market powerfully.

Therefore we need capital for:

- further qualified personnel
- massive expansion of the production capacity
- marketing expenditures
- delivery guarantees



Our Capital Demand

- The minimum funds for an adequate development **€ 3.000.000,-**
- For a real powerful start **€ 5.000.000,-**

We breakeven in 2006!



Our Awards

Innovative Energy and Environmental
Technologies Engineering and Marketing



Global 100 Eco-Tech Awards
愛・地球賞

2005

Summary

- **Unique selling position for efficient solar air conditioning and for the generation of process steam**
- **Profitable generation of heat and coldness with solar energy**
- **Marketable and fully developed product**
- **Imminent market entry (pilot systems are existing and others are in the planning process)**
- **Limited risk due to relatively low production expenditures and operational costs**
- **According to the Kyoto Protocol CO₂-certificates are granted for the construction of CO₂-free systems. At present it means a return of 3 to 5% of the invested capital.**