

European Solar Thermal markets

Developments and framework
conditions

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Introducing ESTIF

- European Solar Thermal Industry Federation
- Representing the solar heating and cooling sector at EU level
- 105 members, representing >95% of the market
- A founding member of EREC
- Based in the Renewable Energy House, Brussels



Thanks!!!

This conference is supported by the European Commission under their Intelligent Energy-Europe Programme

Intelligent Energy  **Europe**



Transfer of experience for the development of Solar thermal products

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European Solar Thermal Markets

- Thermal energy
- Innovative market
- A booming market
- Promoting market growth



European Solar Thermal Markets

- Innovative Market
- Reaching new markets/applications
 - Renewable Heating & Cooling
 - Industrial Applications
 - Integration into building s architecture



Building + solar thermal: the old add-on approach



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Integrating solar thermal into buildings



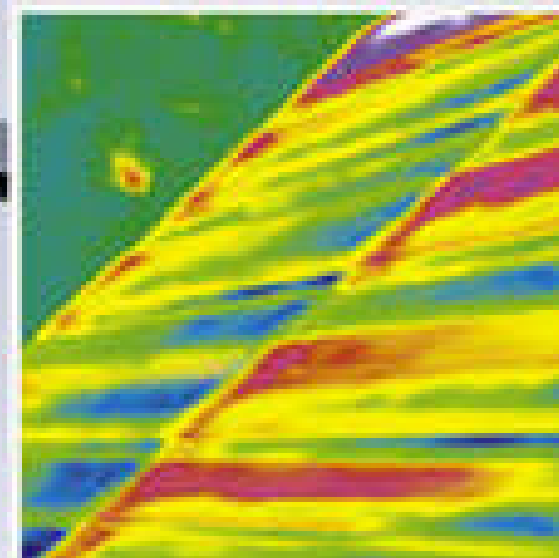
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Integrating solar thermal into buildings



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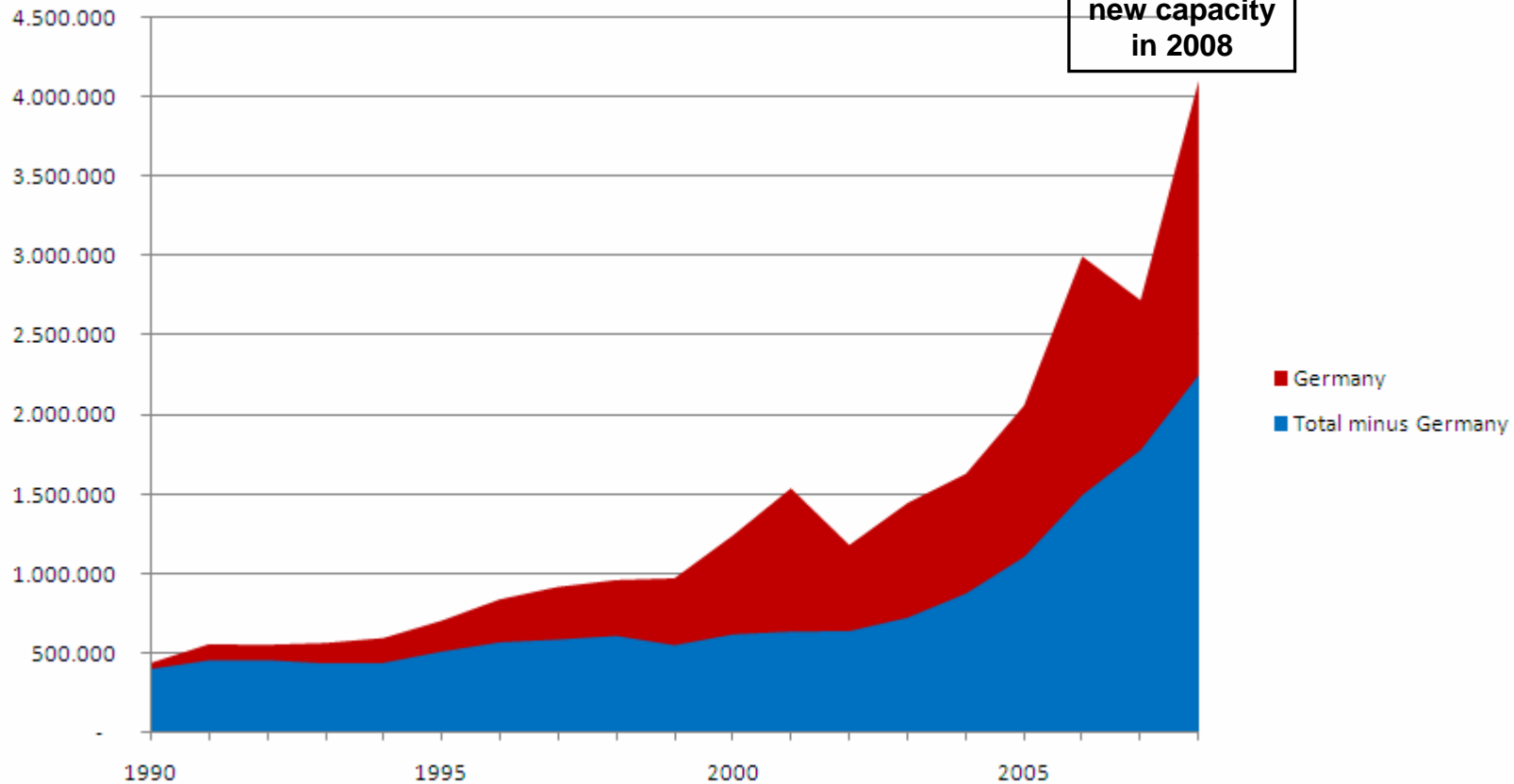
European Solar Thermal Markets

- A booming market
 - Constant steady growth
 - Huge growth potential



EU Solar Thermal market 1990-2008*

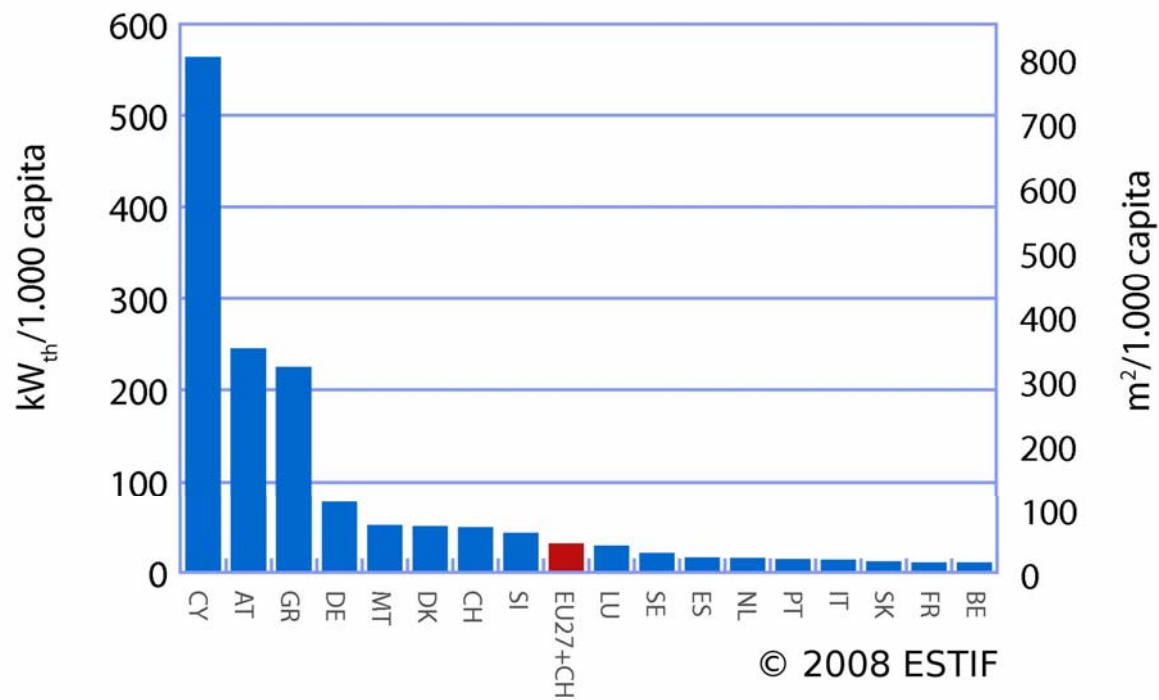
m² of collector area



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Huge Growth potential in Europe

Solar thermal capacity in operation per 1.000 capita in 2007



European Solar Thermal Markets

- Promoting Market Growth
 - Ambitious National Targets
 - Coherent measures
 - European approach (...Solar Keymark...)
 - Not an EU exclusive
 - Not only at National level



Ambitious Targets & Coherent Measures



European Solar Thermal Markets

- Awareness Raising
 - Accessible technology
 - Practical/effective
 - Not miraculous



European Solar Thermal Markets

■ Financial Incentives

- Continuity
- Coherence of parameters
- Clear target
- Quality criteria
- Monitoring and evaluation
- Financial resources
- Simplicity
- Flanking measures – alone not enough!!!



European Solar Thermal Markets

■ Financial Incentives

– Options in place

- Grants
 - Most of the countries (per sqm, per system)
- Tax reductions
 - France
- Loans at reduced rates
 - Germany (building renovation)



European Solar Thermal Markets

- Regulations
 - Solar ordinances (Barcelona model)
 - Energy performance of buildings
 - Efficiency and renewables
- Training
 - Quality assurance – sustainability
 - Efficiency and satisfaction
 - Local jobs



The new policy and market frameworks will be a key topic at the

4th European Solar Thermal Energy Conference

estec (2009

Munich, Germany • 25-26 May



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