

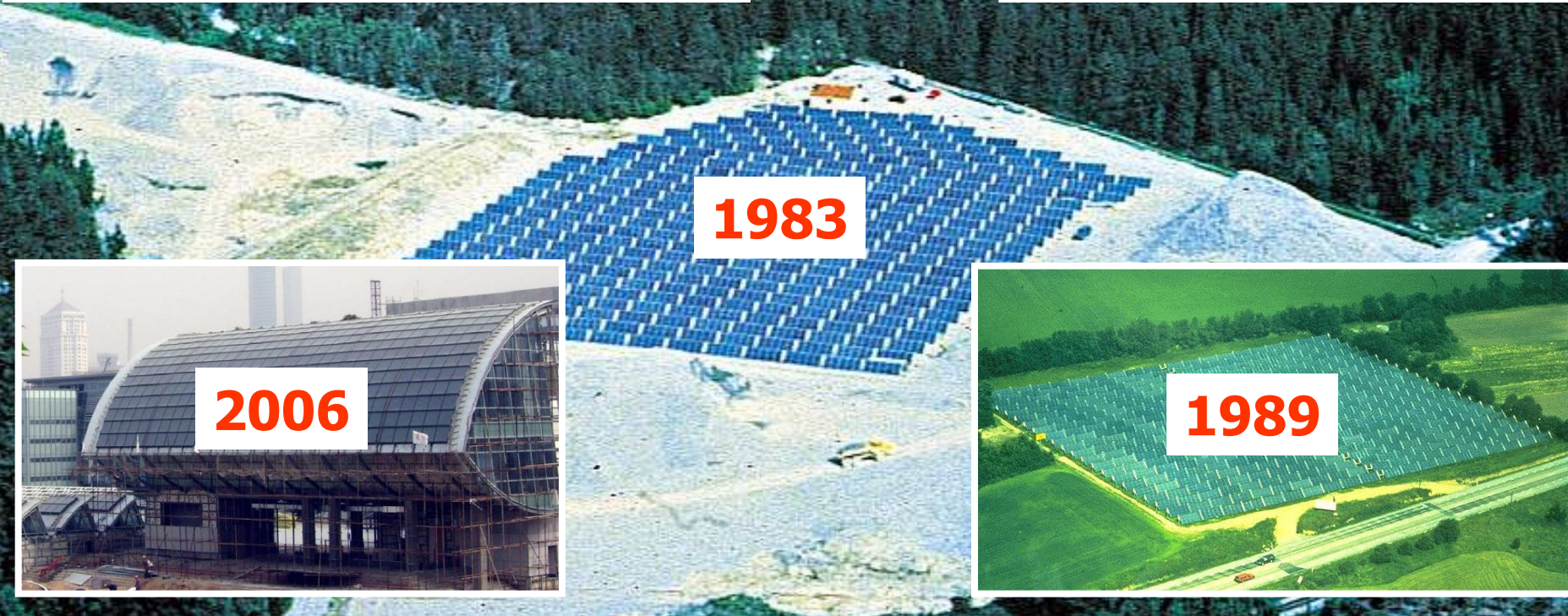
# Large-scale Solar Heating Plant Data Base IEA SHC Task 45C



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# History

- 1st data base developed with EC-project **"European Large-scale Solar Heating Network"** (ELSSHN) in late 1990's ..
- Major update - WG "Solar District Heating" within **"European Solar Thermal Technology Platform"** (ESTTP)
- Continued update within EC-project **"SDH Take off"**

## Definitions ..

- "Low-medium" temp. heating and cooling  
.. residential, commercial, processes ..
- ELSSHN – ESTTP (- SDH take off)  
Plants  $> 500 \text{ m}^2 / 350 \text{ kW}_{\text{th}}$
- **SDH take off – IEA SHC Task 45**  
**Plants  $> 1\,000 \text{ m}^2 / 700 \text{ kW}_{\text{th}}$**
- Historically European plants
- **Task 45 plants all over the world**

12

1

**SDH**  
solar district heating

July 2011

**SHC**  
SOLAR HEATING & COOLING PROGRAMME  
INTERNATIONAL ENERGY AGENCY

13

22

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2

12

4

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> 80 Solar **heating**  
and **cooling** plants  
> 1 000 m<sup>2</sup> / 700 kW<sub>th</sub>

1

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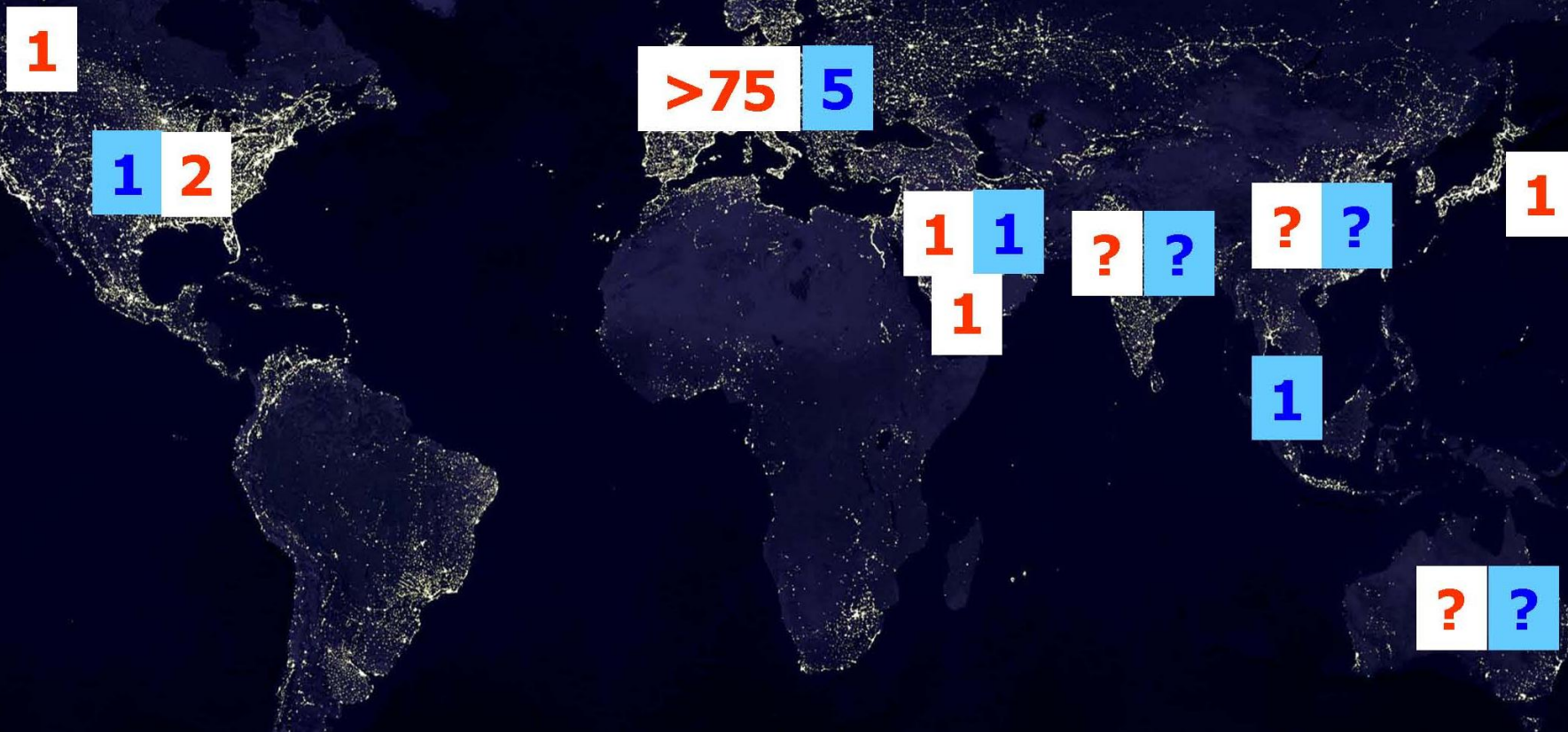
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> 90 Solar **heating** and **cooling** plants  
> 1 000 m<sup>2</sup> / 700 kW<sub>th</sub>

## Status ..

- Database with European plants implemented on [www.solar-district-heating.eu](http://www.solar-district-heating.eu)
- To be checked and updated ..
- To be complemented with plants in countries outside Europe .. **Help !**
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