

GLEISDORF SOLAR 2014

11 INTERNATIONAL CONFERENCE ON SOLAR HEATING AND COOLING
25 – 27 June 2014
Gleisdorf, Austria

Wednesday, 25 June 2014

TECHNICAL TOUR

09:00-
18:00

Supported by the European Project AIDA (AFFIRMATIVE INTEGRATED ENERGY DESIGN ACTION) [HTTP://WWW.AIDAPROJECT.EU](http://www.aidaproject.eu)



Tour guides: Franz Mauthner, David Venus, AEE INTEC, Gleisdorf

09:00 Registration at *forumKloster*

09:30 **Departure**

09:45-
10:45 **Solar thermal and biomass heating plant Gleisdorf**

Main heat generation by solar thermal system and biomass boiler, peak loads covered by natural gas boiler
300 m² solar thermal collectors, two boilers with 1.700 kW; district heating network; 520 clients are provided, these are about 30% of all households in Gleisdorf

Guide: Karl Hierzer, *Stadtwerke Gleisdorf*



Pic: Stadtwerke Gleisdorf

11:45-
12:45 **Green brewery Göss**

The emissions of fossil and climate-relevant CO₂ from the production of beer is significantly reduced and even set to Zero, by development and implementation of a methodological optimisation approach.

1.500 m² solar thermal collectors, 200 m³ hot water tank; 4,6 million pins of beer brewed with the power of sun

Guide: Franz Mauthner, *AEE INTEC, Gleisdorf*



Pic: AEE INTEC

13:00- **Lunch**

14:30-
15:30 **Plus-Energy building Kapfenberg**

Renovation with prefabricated active façade modules, integrated building services and grid integration;
32 apartments on four floors, 144 m² solar thermal collectors, 630 m² photovoltaic modules on the roof

Guide: David Venus, *AEE INTEC, Gleisdorf*



Pic: AEE INTEC

16:30-
17:30 **Graz University, Institute of Chemistry**

631,5 m² high efficiently collectors on the roof of the annex of the renovated university building
2 x 3.500 l hot water tanks, 105 kW absorptions-chiller, 1.000 l cold water tank, 256 kW open cooling tower

Guide: Markus Gründler, *S.O.L.I.D., Graz*



Pic: Asgard

18:00 ARRIVAL GLEISDORF

19:00 **OPENING CEREMONY**

Opening by representatives of the province of Styria

Ceremonial address: „Global Status and Future Outlook of Renewable Energy with a focus on Solar”
Christine Lins, REN 21, Paris, FR

Afterwards: reception by the city of Gleisdorf