

WP6.Gender.D1 GENDER FLYER

Dissemination level: Project Participants

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In total this Deliverable consists of 3 pages.

Discussions were held during the project meetings on how solar can be used to attract women to engineering. As an additional measure to emphasize gender aspects, it was decided to create a new deliverable (Gender.D1).

A flyer was prepared giving information on female researchers working within the project. The flyer includes statements of their professional background and demonstrates their working field in order to show how interesting research in engineering sciences can be. The distribution of the flyer was organized at the occasion of "open days" for students at different Universities of the different member states and at "girls days" in various companies. In addition the flyer is available for download at the project website.

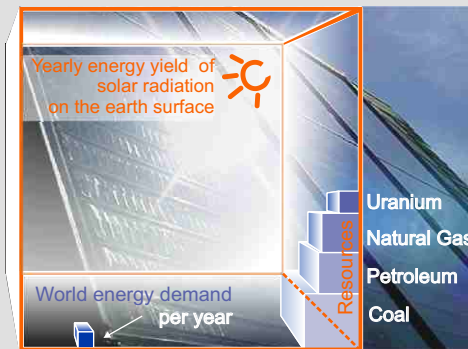
INDUSTRY, MARKET GROWTH, PROSPECTS

Solar thermal replaces imported energy sources with domestic jobs. The sun does not send any bill and does not affect foreign policy. With a turnover close to 2 billion€, the sector employs more than 20.000 people in Europe.

European companies have a technological lead in the whole value chain. Substantial development of the domestic market volume and further R&D activities are necessary to maintain this.

(Source: www.estif.org)

Annual energy yield of solar radiation is approx. **10.000** times higher as annual world energy demand !



NEGST: NEW GENERATION OF SOLAR THERMAL SYSTEMS

NEGST has started in July '04 with one objective: the development of more cost-effective solar thermal systems, particularly for domestic hot water preparation and/or space heating. In order to contribute to the European Union's Action Plans with regard to the reduction of CO₂-emissions and the cost effective supply of renewable energies.

Other investigated topics of NEGST:

- Large-scale solar thermal systems
- Integration into buildings
- Solar cooling
- Solar Seawater desalination

www.swt-technologie.de/html/negst.html

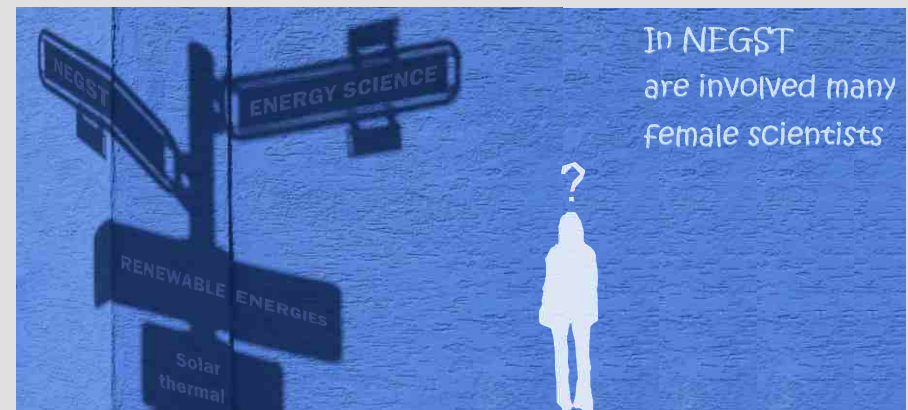


NEGST is a project financed by the European Commission DGTREN within FP6



NEGST: New Generation of Solar Thermal Systems

NEW CHANCES FOR WOMEN IN ENERGY SCIENCE



In NEGST are involved many female scientists

NEGST is a project whose aim is the promotion of solar thermal technology. Leading solar thermal experts, test institutes as well as industry participants from 13 different European countries are taking part in the NEGST project, which is financed by the European Commission. Many female scientists are involved in the project.

The aim of this flyer is to encourage women to study engineering and to show the different possibilities such an education will offer by giving some short biographies of the women working in NEGST.



Read our Biographies and Join us!



NEGST is a project financed by the European Commission DGTREN within FP6



NEGST: New Generation of Solar Thermal Systems



MOTIVATION OF STUDYING ENGINEERING

Maria João Carvalho
Portugal



INETI since 1982, within the Renewable Energy Department. Since 1992 she is responsible for the Solar Collector Testing Laboratory. In this Laboratory women are in majority. She works in the field of solar energy and in different national and international projects, like NEGST.

-“The study of solar energy was introduced to me from the subject of meteorology, and it was the main cause why I am now working in”-.

Charlotta Isaksson
Sweden-Austria



Since 2003 Austrian research institute AEE - Institute for Sustainable Technologies. Where she is active in national and international projects in the field of solar thermal technology

-“Since nature, environmental issues and sustainability were always central issues for me, the choice to dedicate my professional path to solar technology came very natural”-.

Dagmar Jähnig
Germany-Austria



Since 2002 Researcher and Project Manager for the Austrian research institute AEE - Institute for Sustainable Technologies. Her main fields of work are development and testing of components for solar thermal systems and system simulation.

-“Already during my university studies my main goal was to find a job in the environmental field. As I was mainly interested in the field of renewable energies, an engineering degree seemed to be the best option”-.

Ulrike Jordan
Germany



Department of Mechanical Engineering at Kassel University, Germany. Since August 2005 Junior Professor as head of the section 'Renewable Process Heat'.

- “I studied physics. Although first my main interest was theoretical physics, I preferred to work in a more applied field on problems facing the world's energy crisis”-.

Physics

Michaela Meir
Germany-Norway



Energy Research Group at the Department of Physics at the University of Oslo (UiO). To the field of solar energy physics she came by coincidence, by the way of a Students Exchange (IAESTE) from the LM-University in Germany to the University of Oslo.

-“Physics was the right choice for me despite I met few who tried to advise me not to sign up for it”-.

Elke Streicher
Germany



Research and Test Centre of Solar Thermal Systems, ITW, University of Stuttgart, Germany. She has the feeling to contribute to the future development. She chose studying civil engineering. She tells about NEGST with enthusiasm:

-“For me it is both challenging and rewarding to work together with other scientists from foreign countries”-.

Civil engineering

Laura Vargas Vázquez
Spain



INTA since 2003 in the Renewable Energy Department, Responsible for the Solar Thermal System Testing Laboratory. Master of Implantation of quality and environmental systems.

-“For me is very important that European people can solve together problems and research new items about solar energy. I hope that the renewable energies continue being developed and that women will play an important role in this work”-.

Chemical engineer

Åsa Wahlström
Sweden



Senior researcher at SP, the Swedish Technical Research Institute in the field of renewable energy resources, environmental aspects of energy conversion and with energy efficiency in buildings.

-“NEGST gives a high challenge since solar thermal is one of the most promising RE sources. Besides I've the possibility to work on protecting our environment and to meet colleagues over the whole world”-.

Doctor of engineering