

# **Sustainable energy systems in the food processing sector**

Improving the energy performance of industrial processes by renewable  
energy and energy efficiency

**Workshop at the ERSCP**  
**3rd May 2012**

## Objective of the Workshop

Find answers to the following **main questions**:

- How can the energy performance in the food processing industry be improved?
- What can be done in the near future and what are promising long term options?

## Objective of the Workshop

Talk about and collect input to the following **sub questions**:

- What are **possible options to increase energy efficiency** and the **use of renewable resources**, and which **synergies between efficiency and renewables** can be identified?
- Where are we able to identify **synergies between current crucial decisions**, challenges and topics in food processing companies (e.g. waste water treatment, biogeneous waste flows, re-structuring of production processes, investment in new production facilities, ...) **and the integration of renewable energy and energy efficiency?**

## Objective of the Workshop

Talk about and collect input to the following **sub questions**:

- What can we learn from **practical experiences**?
- Which **barriers** in the realization of energy performance improvements in the food processing sector do exist and how is it possible to overcome them?

## Agenda

- Introduction
- Input presentation  
Discussion  
Collect inputs for the flip chart
- Work in groups: Identification of steps to be taken in the near future
- Summary, final statements



for each input  
presentation  
→ 4 loops

## Project SOLARFOODS

- Development of integration concepts for solar thermal and other renewable energy into the processes of the food industry
  - Planning tool
  - Guidelines
  - Solarthermal roadmap food processing sector 2020/2030
  
- Intensive contact to the stakeholders
  - Food industry
  - Technology provider
  - Policy makers & funding agencies



# SOLARFOODS

Das Projekt-Team:



TECHFORTASTE.NET



Project funded by the Austrian



Further information:

[www.solarfoods.at](http://www.solarfoods.at)