

# **Solar Energy know-how in the Satakunta university of Applied Sciences**

”Business actions provided by solar energy” –seminar

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07.05.2009



Satakunnan ammattikorkeakoulu | Tekniikka ja merenkulku

Satakunta University of Applied Sciences | Faculty of Technology and Maritime  
Management

# R & D

## SataPV Project: Solar Electricity from Satakunta

**LUVATA**

**CimSolar**

 **SATMATIC**  
SWITCH ON CO-OPERATION

**SERMATECH Oy**  
Member of Sermatech Group

samk 

**PRIZZTECH**

 **OSKE**  
ENERGIATEKNOLOGIAN  
KLUSTERIOHJELMA

**posek** 



**Vipuvoimaa**  
EU:lta  
2007-2013

# Project goals

1. To clarify the possibility to found a PV module factory in Satakunta area, estimated to generate up to 30-40 MWp combined yearly capacity.

Efficient panel manufacturing into the growing markets using the know-how of the companies in the project.

Factory would support the companies and their research and development projects.

Factory would promote the foundation and development of new companies situated at different parts of the value chain.

## 2. Offering cooperation possibilities to other companies as:

main owner with responsibility of daily business operations

main owner

minor owner

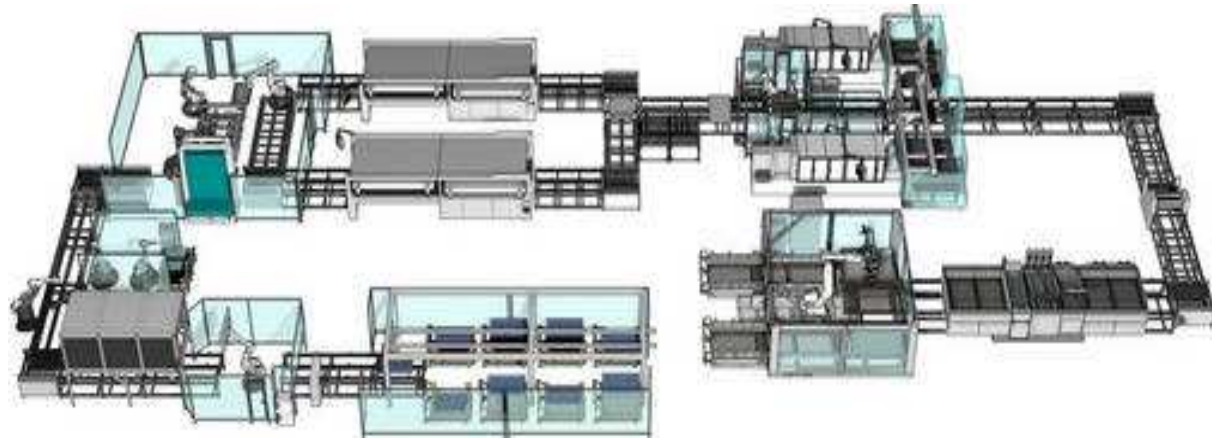
3. To activate the formation of new know-how based technology in the field of renewable energy.

To

complete  
rationalize  
improve

the existing PV value chain.

4. Project finds the most productive process technology with high level of automation for the PV factory under planning.



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# Already in the project

## Luvata Pori Ltd

Supplier of the photovoltaic string- and tabwire.

## CimSolar Ltd

Supplier of the panel manufacturing automation systems.

## Satmatic Ltd

Builder of the electric and automation systems.

## Sermatech Ltd

Manufacture of packaging, palletising and product handling systems.

# Education

- New international degree programme  
"Environmental Engineering" starts in the autumn 2010
  - Education in advanced energy systems, solar heat and photovoltaic systems included in the programme

# Operational environment development in Satakunta area

The main goal is to develop an operational environment, which comprehensively supports the solar energy field in the way, that the core know-how of different actors and branches will be exploited widely.

- R & D
- Education
- Networking

# Thank you!



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