



## **EVENT DESCRIPTION**

### **Project Partner: EnergaP**

#### **Title of the event:**

**Roundtable with stakeholders - Solar systems in the industry**

**Date & location: 25<sup>th</sup> February 2010 at 10 o'clock**

**Organiser(s):** Energap and Štajerska Chamber of Commerce

**Number of Participants: 17**

#### **Summary**

The results of the stakeholder feedback have shown that there is the interest among some companies for solar process heat usage. The interest is for now at a modest level but it will surely improve in the near future due to the market development and the rise of fuel prices. The representatives of the stakeholders have pointed out different problems that come out of the lack of information. So information campaign should be a great part of such a regional campaign since there is not enough of high quality information on this subject existing in the market right now. They are all very interested to see already implemented project.

Some efforts should be also put to work on the national level – to change the strategies, legislation and financial support. Environmental protection issue are not a priority for companies in the region.

#### **Objective & main programme point**

The main objective of the roundtable was to inform the stakeholders in the region about the SOPRO project and the new potential for industrial processes to use solar energy. The main information about energy management in the companies was presented. The steps of industrial audit and how to find energy potential in the process were presented. The company Weishaupt presented their experience in the field of solar systems and their project solar systems for water heating for industrial kitchen were presented.

## **Conclusions & lessons learnt**

Most of the stakeholders were very cooperative and have shown interest in the project and the general idea of using solar power for industrial processes. Technical staffs are quite negative as every company representative knew its part of the production process very well and they do not want to disturb it. Company leaders only look at the investments with very short return period. Heating fuel is also quite cheap. Slovenia also has no subsidies for implementation of solar systems for industry. The companies are also a bit afraid because of the difficult global economic situation and the crises that really have shown the consequences in late 2009. Many companies still have some spare waste heat. The potential processes were identified fairly fast but people at the companies have no experience with solar system and they are sceptical. They also do not have much attitude for greening of their processes since national strategies, plans, legislations and incentives are also not fostering the implementation of CO<sub>2</sub> cutting systems.

Solar system producer also have no experience in planning of such systems and they know how important is the good integration and therefore they do not work so much on marketing activities. Most of them are really only seller of the equipment and they do not have in deep knowledge for integration. Both process and solar technical staffs need a good guides and other information. They are looking for already implemented system anywhere in EU. They do not want to be the first one.

The time of three years is short to implement the project and a lot of individual work is needed. The companies do not want to share their data and problems, solar companies in Slovenia are not associated and they also see common work as a competition. In future we will work very much individually in small teams only connecting the company and one solar producer and one or two planners.

There is very big problem with finding the money for investing. Companies see Energap also as a financial source. The problem is that these financial input count also for the staid aid scheme. Company using a lot of public money for investments in developing the new production systems and since there are quotes they have to make priorities. Only in very few companies in Slovenia or in our region the energy issues are priority.

Stakeholders also see the integration of the solar systems into the process as very scientific one. They think that some experts from university are needed. Only very few companies are interested to use the solar system just because of environment.

## **Annex**

The following documents are included in the annex:

- programme
- invitation folder
- picture

## **Programme**

10.00 Welcome to the participants from Štajerska Chamber of Commerce and Energap

10.10 Energy management in industry and SO PRO project presentation, dr. Vlasta Krmelj

10.50 Energy audits in industry – basic info, dr. Janez Petek

11.20 Solar systems in industry, Boris Gojkošek, Weishaupt

11.50 Discussion



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## ZNIŽAJTE STROŠKE ZA PORABLJENO ENERGIJO, UPORABLJAJTE OBNOVLJIVE VIRE ENERGIJE!

Energetična agencija za Podravje vas v sodelovanju s Štajersko gospodarsko zbornico v okviru projekta »Sončna energija v industrijskih procesih«, ki ga sofinancira Evropska komisija vabi na

### DELAVNICO »SOLARNI SISTEMI V INDUSTRIJI«

dne 25. februarja 2010, med 10. in 12. uro.

Delavnica bo potekala v prostorih Štajerske gospodarske zbornice, Ul. Talcev 24, Maribor (1. Nadstropje)

### PROGRAM

- 10.00 Pozdrav udeležencem, Štajerska gospodarska zbornica, Energetična agencija za Podravje
- 10.10 Energetski management v industriji in predstavitev projekta SO-PRO – dr. Vlasta Krmelj
- 10.50 Energetski pregledi v industriji – osnove – dr. Janez Petek
- 11.20 Solarni sistemi v industrijskih procesih – Boris Gojkovšek, podjetje Weishaupt d.o.o.
- 11.50 Razprava in vprašanja udeležencev

Udeležba je brezplačna. Število mest je omejeno. Prosim, če svojo udeležbo potrdite na tel. 234 23 63 ali na mail: [marko.rojs@energap.si](mailto:marko.rojs@energap.si)

Vljudno vas vabimo, da se udeležite srečanja, kjer vam bomo predstavili možnosti izrabe sončne energije v industrijskih procesih. Sistem je možno uspešno uvesti v procesih, ki uporabljajo procesno vodo v temperaturnem območju med 50 in 90°C. Med zainteresiranimi podjetji bomo izbrali dva, kjer bomo solarni sistem pilotno instalirali, in v okviru evropsko sofinanciranega projekta Solarni sistemi industriji, tudi spremljali njegovo obratovanje. Tema podjetjema bomo nudili brezplačno energetsko svetovanje in pomagali poiskati finančna sredstva za izvedbo investicij v trajnostno rabo energije.

*Posledice podnebnih sprememb bodo imele bolj pomembne posledice na gospodarstvo in na naša življenja ter obstoj našega planeta kot finančno-gospodarska kriza, v kateri se trenutno nahajamo. Rešitev okoljskih problemov in tudi gospodarske krize je v implementaciji strategije trajnostne energije. To pomeni varčevanje z energijo in uporabo obnovljivih virov energije, kar hkrati pomeni zmanjševanje emisij CO<sub>2</sub>. Podjetja se velikokrat ne zavedajo povezanosti rabe energije s področjem zmanjševanja in sistema trgovanja z emisijami, ki povzročata negotovost v gospodarstvu. V prvi fazi bo sistem sicer zajel predvsem velike potrošnike energije, vendar bo v prihodnjih letih v podoben sistem vključena celotna družba.*

Intelligent Energy Europe

Energy Management Agency  
Intelligent Energy Europe

Picture

