

EVENT DESCRIPTION

EL-EFF Region

Title: Energiekosteneinsparung und Klimaschutz in der Landwirtschaft
(Reduction of energy costs and climate protection in the agricultural sector)

Date & location: 12th January 2009, Dresden

Organiser: GERTEC, SAENA

Number of Participants: more than 50



Short description:

The Workshop „Energiekosteneinsparung und Klimaschutz in der Landwirtschaft“ presented possibilities to reduce costs for electric energy. It showed best practice, benchmarks, chances of energy consulting, electricity efficient appliances and possibilities of renewables. It was organised in cooperation with the Saxonian farmer association (SLB) and targeted farmers as well as to companies and experts in the field of agriculture, such as energy advisers and representatives of the utilities. The audience included representatives of banks (who finance efficient installations).

Background:

Increasing electricity costs put a financial burden on the agricultural sector. The prices increased by 50% within the last 2 years.

Aim & programme:

The aim of the event was to increase the awareness about electricity consumption in the farming sector and to provide concrete guidance on how to reduce electricity consumption and costs. An important feature of the event was to present the benchmarks for electricity consumption of farms in Saxony.

The head of SAENA and the president of the farmer association opened the event. In the following Jörg Ackermann from GERTEC showed the results of the EL-EFF region benchmark study. Denise Pielniok from SAENA added detailed ways to save electricity on farms. After a short coffee break Mrs. Mohr presented optimisation of electricity use on a pig and on a cow farm. The session of the morning was completed by speech on efficient lighting by a representative of a Saxonian manufacturer.

The afternoon was dedicated to combined heat and power and the use of renewable energies: the first presentation was about photovoltaics, the second on biogas and the last on combined heat and power systems. An energy adviser, a scientist and a representative of a manufacturer held them.

Results, follow-up:

After the workshop a framework contract between the farmer association (SLB) and the company of a speaker was signed about discounts on combined heat and power systems for farmers. Additionally a discussion about the future energy advice of the farmer association was started.

Further information:

http://www.saena.de/Aktuelles/Veranstaltungen/Veranstaltungsdetailseite.html?term_id=36

Programme

- 09:00 – 09:10 **Welcome by Christian Micksch,**
CEO,
Sächsische Energieagentur - SAENA GmbH
- 09:10 – 09:20 **Welcome by Wolfgang Vogel,**
President,
Sächsischer Landesbauernverband
- 09:20 – 09:55 **Benchmarks Electricity of the Agriculture in Saxony**
Jörg Ackermann
Gertec
- 09:55 – 10:30 **Electricity Saving Potential on Farms**
Denise Pielniok
SAENA
- 10:30 – 10:50 **Pause**
- 10:50 – 11:25 **Optimal Lighting in agricultural Sector**
Jürgen Meltke
NARVA Lichtquellen GmbH + Co. KG
- 11:25 – 12:00 **Savings by qualified Energy Advice and Contract Management**
Ilse Mohr
Sächsischer Landesbauernverband
- 12:00 – 13:00 **Lunch Break**
- 13:00 – 13:35 **Photovoltaic Systems – Economy and Technology**
Dr. Judith Brombacher
The AuditFactory, Sachsensolar
- 13:35 – 13:50 **Pause**
- 13:50 – 14:25 **Biogas Systems – State of the Art and future Developments**
Dr. Claudia Brückner
Landesamt für Umwelt, Landwirtschaft und
Geologie Pillnitz
- 14:25 – 15:00 **Small Combined Heat and Power – Use of different Energy Sources**
Dr. Ronald Neubert
SenerTec GmbH