

Country: Denmark	Place: Randers	Date: 10.01.2011
No. of participants: 3	Organizer: DTI	Target group: Verdo

Title

Network meeting No.2

Topics of the event:

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| <ul style="list-style-type: none"> • Presentation of the MixBioPells project • Visit to the storage facilities for biomass pellets • Discussion of a case study for Verdo |
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Short summary: (aims and goals of the meeting, methods, contents, results)

<p>The aim of the network meeting was to discuss Verdos plan for a pelletising production line and find out if the MixBioPells project can support this. After visit to the storage facilities a discussion took place, and it was decided to make a business case for the pelletising production line.</p>

Participants:

Allan Abildskov, Verdo
 Lars Nikolaisen, DTI
 Niels Peter K. Nielsen, DTI

Minutes:

VERDO is planning to use agro industrial waste as shea waste, rape waste, potato and beet pulp, grain screenings, mash from breweries etc. The suppliers are food and feed industries processing agricultural products. The raw material needs covered storage, can not be stored in open air. During storage self ignition and off gasing of harmful gasses must be taken in consideration.

The pelletizing line consist of a milling system, a blender with possibility to make blended pellets and to improve the quality with additives. The pelletising unit is followed by a cooling tower before the pellets are conveyed to a storage. The pellets are burned in the CHP plants on the same premises. During periods of overproduction the pellets could be sold on the market. The production is planned to reach a maximum of 40.000 tons annually.

The main priorities for VERDO in the MixBioPells support are in priority:

1. VERDO needs a calculation sheet for quality evaluation of blended pellets
2. How is the market for raw materials? Types, amounts, stability
3. How is the boiler performance for different pellets?
4. How is the market for selling an overproduction of produced pellets?

Annexes

Pictures from the Verdo CHP plant and the storage facilities.

Picture no 4 is outdoor storage of biomass pellets damaged by self-ignition



