

**Interview given by Claus Andreasson
COO, of BWE to the SAS Scanorama Magazine,
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COO Claus Andreasson
from Burmeister &
Wain Energy (BWE).

GREEN TECHNOLOGY EQUALS GREEN GROWTH

Denmark is number one in the world when it comes to power generation efficiency at coal-fired power stations and producing heat by means of pure biomass and a mix of biomass and fossil fuels. This means money in the public purse and a greener Globe.

BWE holds three world records that makes Earth a greener place and helps global growth. The records have to do with the efficiency of power stations, and the company has developed a unique technology that provides Denmark with the most efficient power stations in the world. The technique also represents a lead in terms of producing heat by means of a mix of biomass and fossil fuels or by the help of biomass only. This is a valuable export item, observes COO Claus Andreasson from Burmeister & Wain Energy (BWE). He says:

"Today around 40 per cent of the world's power production is based on coal, and this type of energy will be with us for many decades to come. So what we must do is to optimize the utilization of coal until we've developed more green solutions."

"According to figures from 2010, the average efficiency of

the world's coal-fired power stations is 30%. In Denmark, we have Nordjyllandsværket power station, which efficiency is 47%. If the entire world decided to replace their coal-fired power stations with Danish ones, the world's total CO₂-emissions would drop by 33%."

Biomass means independence

The transition to green types of energy is reflected in the company's development of the world's largest multi-fuel boiler. This boiler can produce power and heat by the help of both biomass and fossil fuels. By generating energy by means of power station boilers capable of utilizing pure biomass, the emission of CO₂ is reduced to zero. Claus Andreasson adds:

"What really occupies minds in Europe is how we can become independent of foreign energy suppliers, and biomass such as straw and wood chips are good alternatives. Many countries don't have coal themselves, but biomass is something you can find in most countries. And why would you burn straw in the fields if you can use it for producing energy?"

Burmeister & Wain Energy A/S
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