

## **District Heating, Forestry and Logistics**

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In Sweden we have a long tradition to use different materials from the forest for district heating, Power plant, electricity, and pellets production. Some examples are wood fuels, bark and saw dust.

In the end of 1970 we used about 40 TWh; today, 2012, we are using about 120-140 TWh in the energy market. The energy market is the fastest growing market in Sweden and is growing 2 TWh each year since the 1970s. The use of Bioenergy in Sweden is more or less in every sector, as transport, Industrial, district heating/cooling and power plant.

The transport/Logistics is the key to arrange this change-over from fossil to Bioenergy. There are several different transportation, such as trucks, railways and vessel, that must work and develop together.

In the same period that we have change from fossil to Bioenergy, Sweden has become more independent of energy and has also reduced the CO<sub>2</sub>, carbon emission.