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Dear Madam's and Sir's

At Jämtland County Energy Agency we have read the European Commission's Green Paper: "Towards a European strategy for the security of energy supply". We have down below in this letter written some of our opinions concerning the Green Paper and what we think are important when creating a European energy strategy.

- We think that it is important to point out that we must use the right kind of energy for the right purpose. We must for example stop using electricity, the energy form with the highest quality, for heating, the energy form with the lowest quality. We miss opinions like this in the Green Paper.
- A fundamental discussion point when creating a European energy strategy is to not use expressions like "energy production" and "energy consumption". According to the first and second law of thermodynamics we can't either produce or consume energy. Instead of "energy consumption" we can for example use the expression "energy use". We think that this is important from a pedagogic point of view.
- We think that the European Commission should look at different public sectors as a whole. For example we think that hydrogen (H₂) in great extension can replace fossil fuels in the transport sector. Further we think that different form of bio-energy and thermal solar energy should be used for heating. Finally we think that Combined Heat and Power plants (CHP) and wind power plants should be rewarded for production of electricity.
- Finally we have a question in general. Should geothermal energy be seen as a renewable energy source? That must be due to if the electricity that is used for the "heat pumping" is renewable.

The points above are our opinions concerning the Green paper. We hope that they will be taken into consideration.

With kind regards

Jämtland County Energy Agency

Energikontoret är ett energi-, och miljöprojekt delfinansierat av EU-kommissionen, Landstinget och kommunerna i Jämtlands län.

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