

### **Calculation of emission factor for purchased electricity**

CO2focus has calculated an emission factor for electricity produced in the Nordic region based on a 5 year-rolling average, accounting for production and gross import/export of energy in Norway, Sweden, Finland and Denmark. There is an official, country-specific emission factor for electricity in Denmark, meaning that Danish energy can be excluded from the mix.

Renewable energy makes out 61,5 % of the electricity production, and the remaining energy bearers are nuclear power (22,8 %) and fossil fuels.

The current emission factor for electricity amounts to:

0,099 kg CO<sub>2</sub>/kWh (Norway, Sweden, Finland and Denmark)

0,075 kg CO<sub>2</sub>/kWh (excl. Denmark, which has an official country-specific factor)

Source: Statnett, Svenska Kraftnet, Fingrid and Energinet.dk.