

# Sustainable development – Swedish perspectives

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**Platinum Society**

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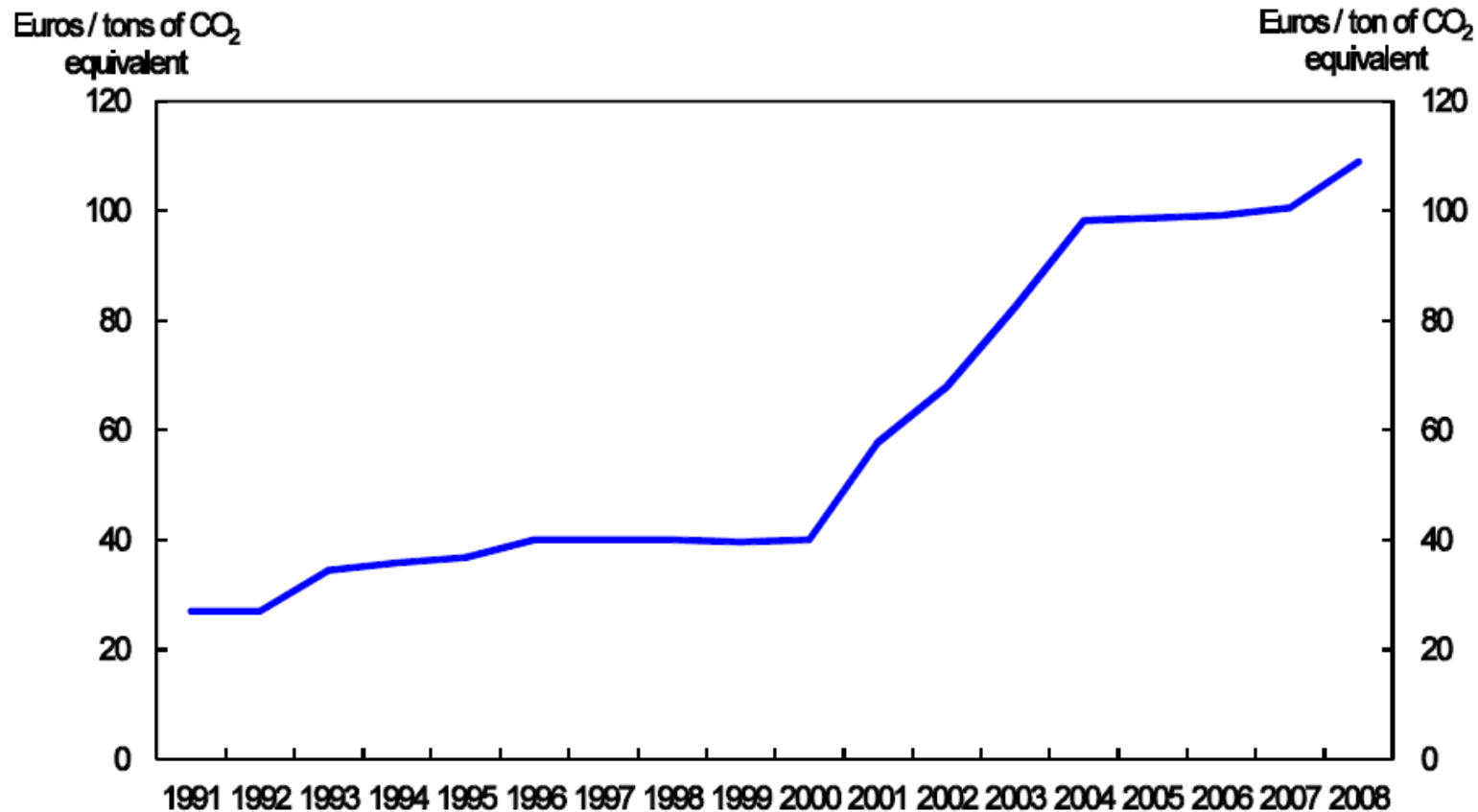
# Climate and energy targets by 2020

- 40 percent reduction in greenhouse gas emissions – 20 million tons CO<sub>2</sub>;
- at least 50 percent renewable energy;
- 20 percent more efficient energy use;
- at least 10 percent renewable energy in the transport sector.



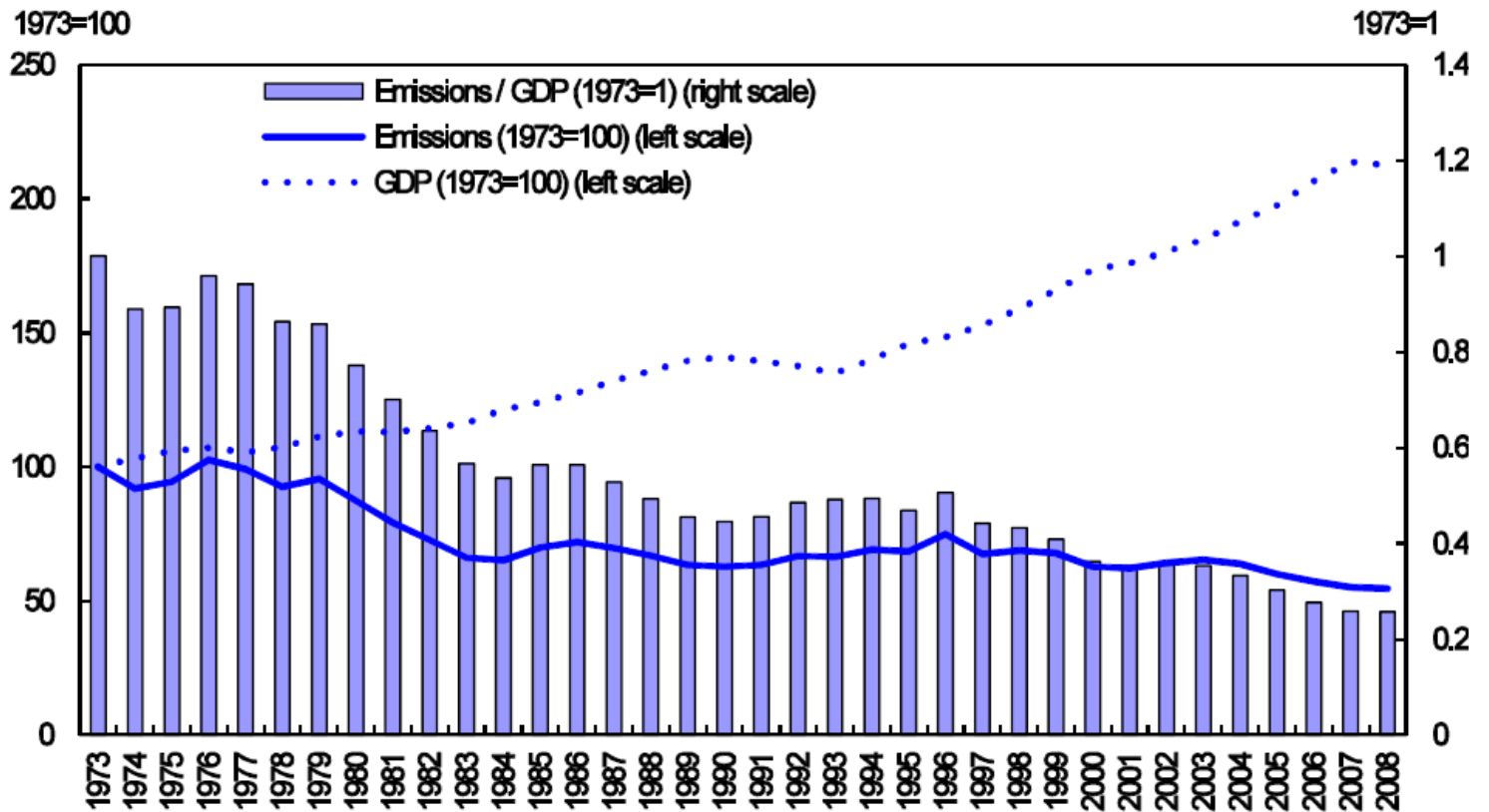
Lillgrund, Hans Blomberg

# Evolution of general CO<sub>2</sub> tax rate in Sweden



Source: Swedish Ministry of Finance.

# GHG emissions and GDP in Sweden



Source: IEA (2009b) and OECD (2010b).

# Economic growth and emission cuts possible

Since 1970:

CO2 emissions cut by one third,  
GDP more than doubled

Between 1990 and 2010:

GDP: 50 % up,  
CO2 emissions: around 9 % down