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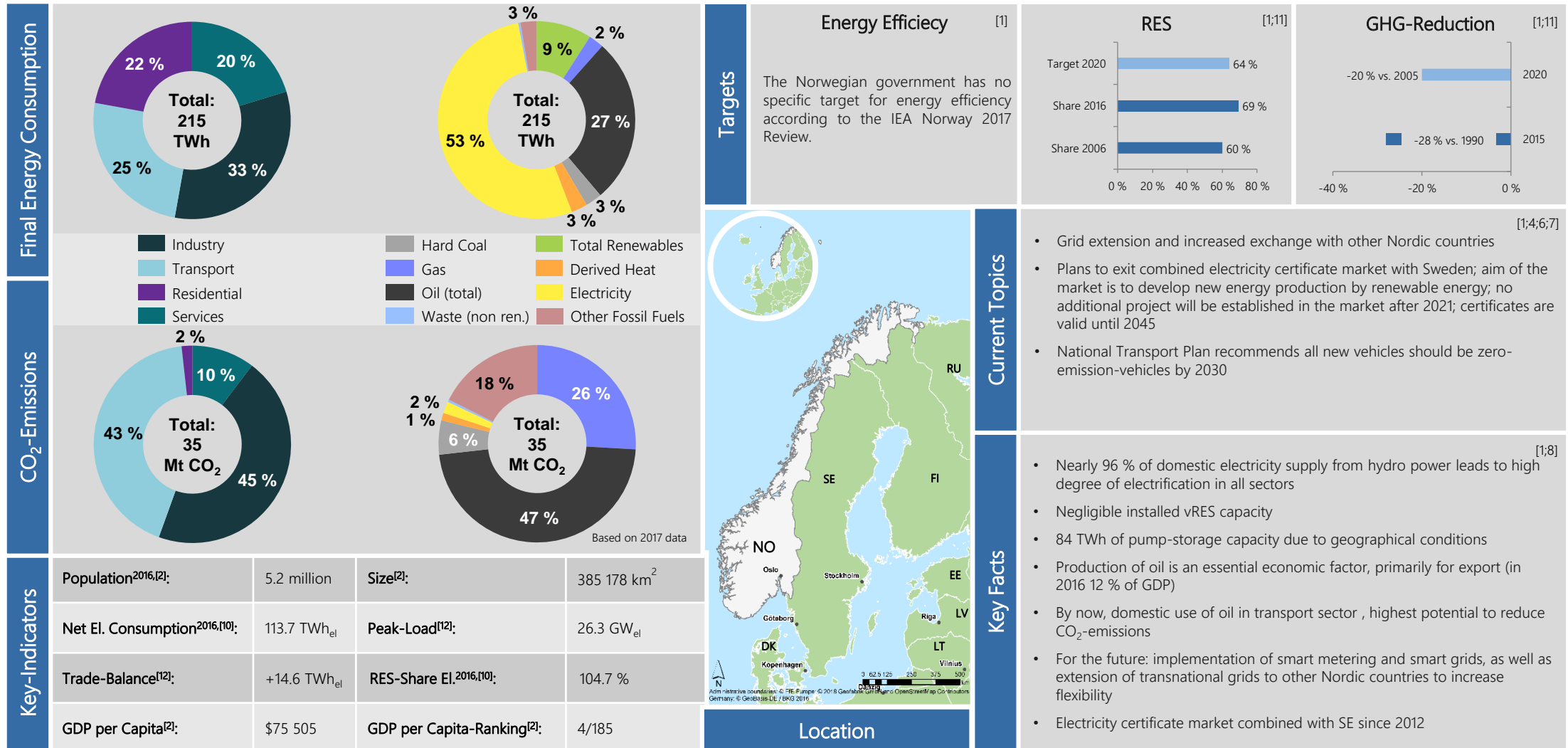
on the basis of a decision  
by the German Bundestag



# Energy Country Profile Norway

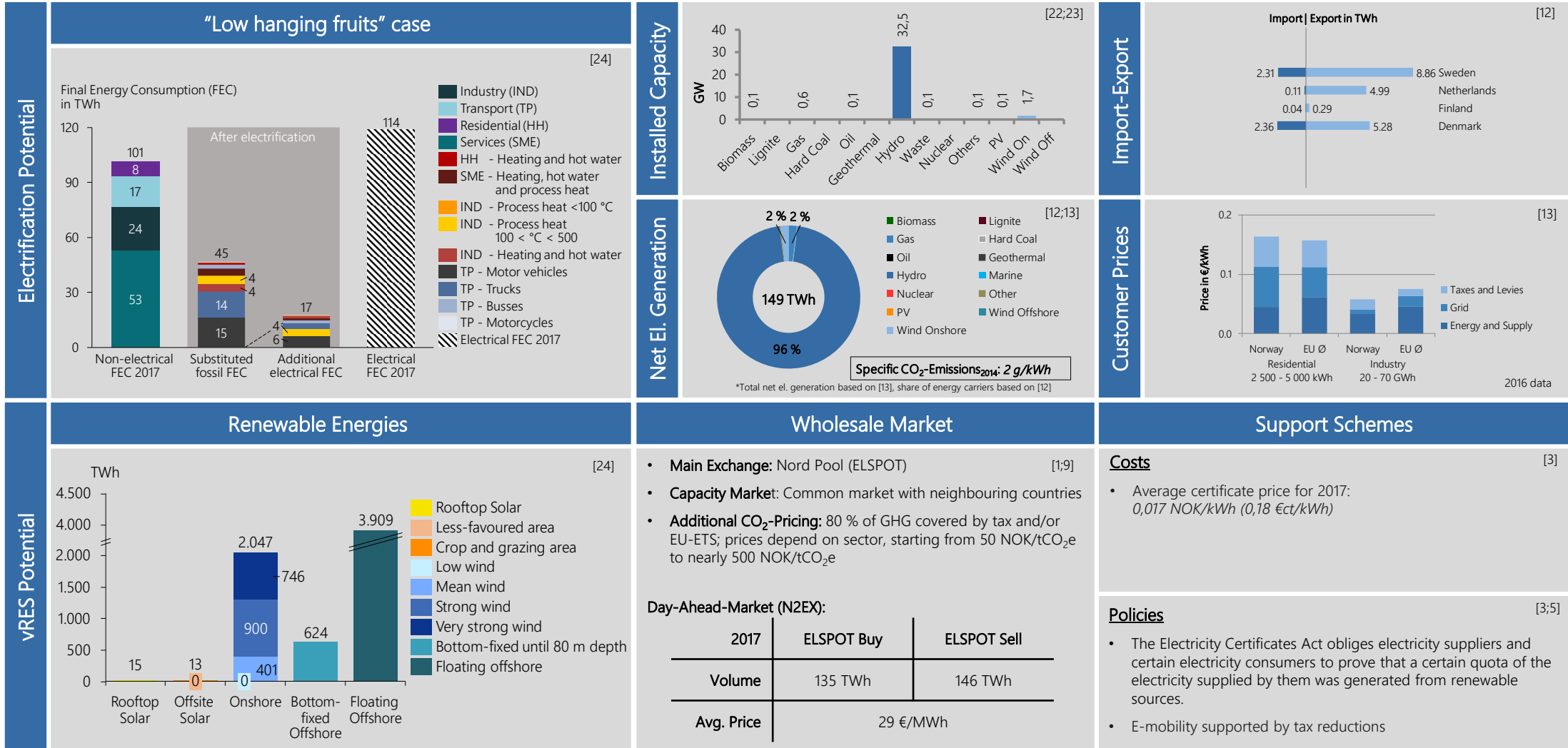


# Norway at a Glance



All evaluations based on the year 2017 if not mentioned otherwise.

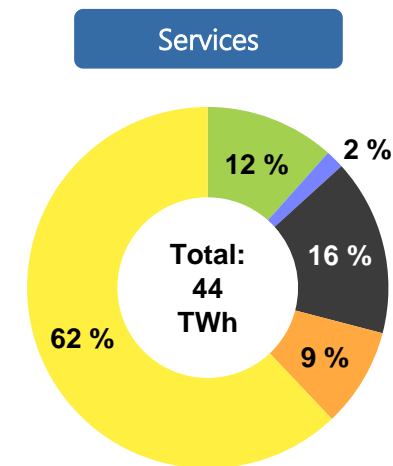
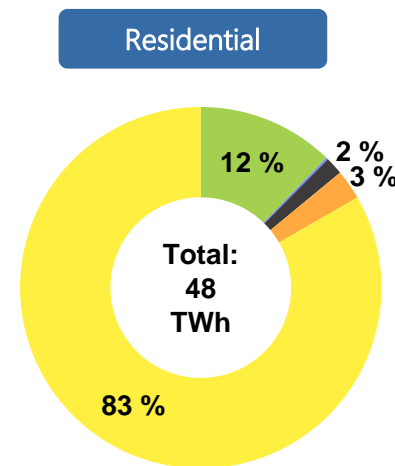
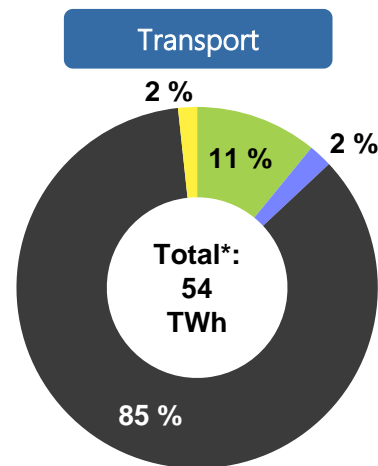
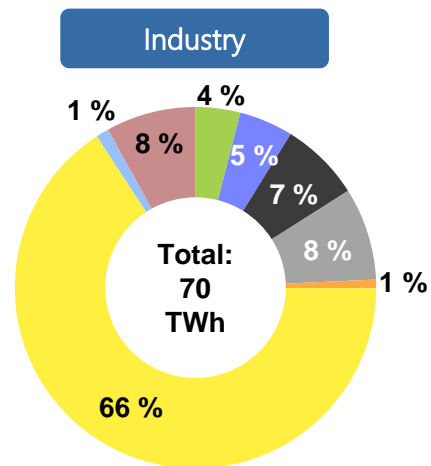
# Norway's Electricity Sector



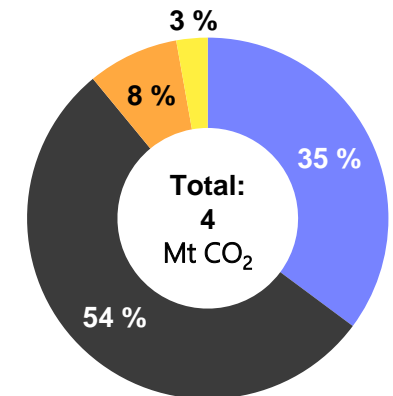
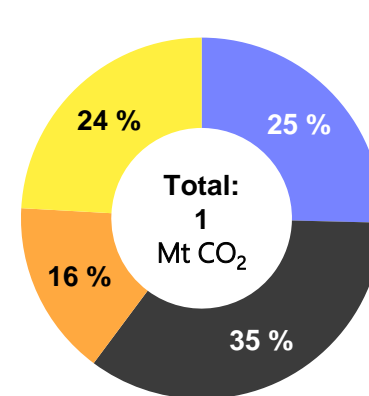
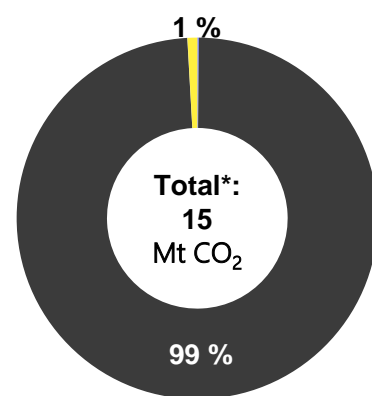
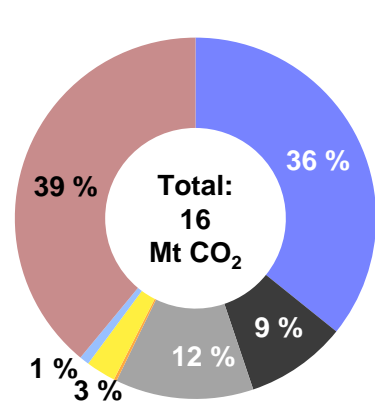
All evaluations based on the year 2017 if not mentioned otherwise.

# Norway's Energy Consumption & Emissions by Sectors and Energy Carriers - 2017

Final Energy Consumption



CO<sub>2</sub> - Emissions

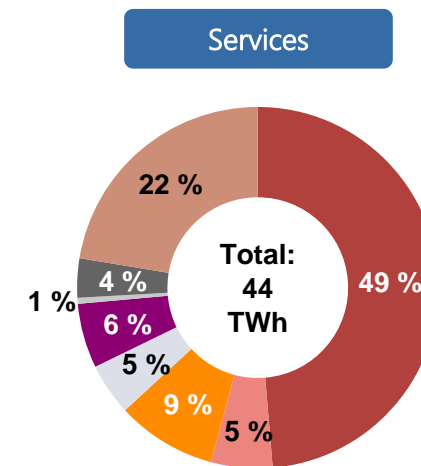
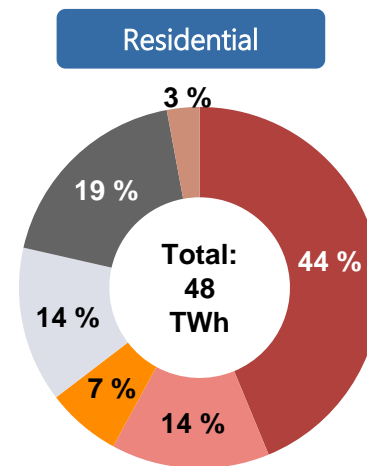
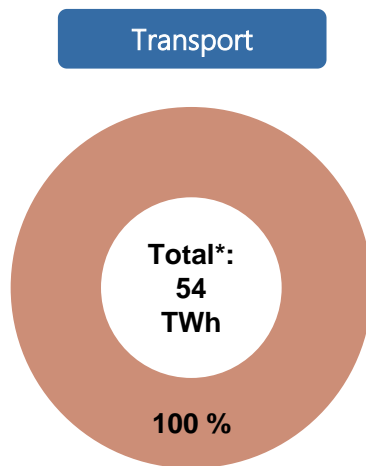
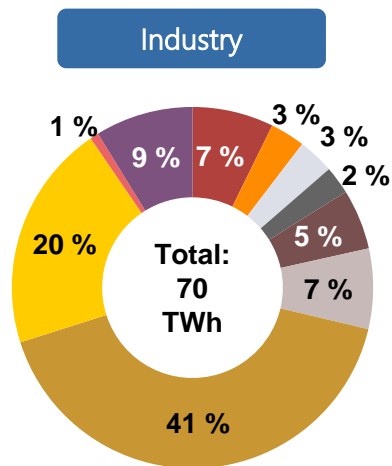


Hard Coal
  Oil (total)
  Gas
  Total Renewables
  Waste (non. ren.)
  Derived Heat
  Electricity
  Other Fossil Fuels

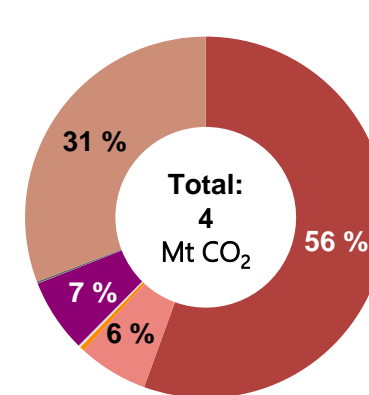
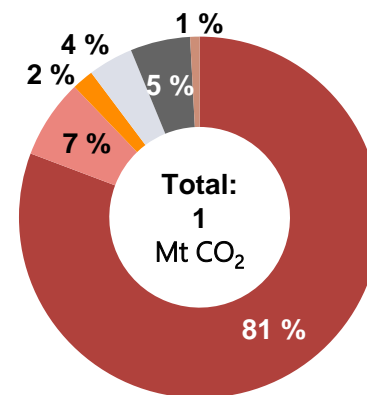
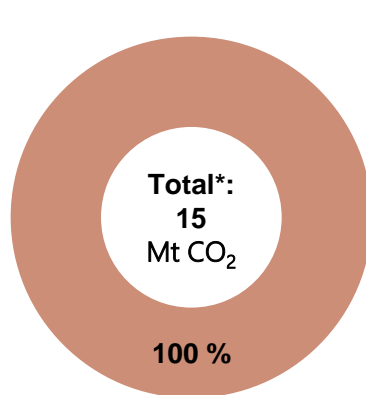
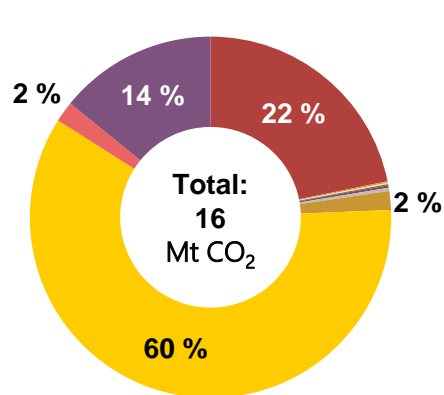
\*excluding international aviation

# Norway's Energy Consumption & Emissions by Application & Sector - 2017

Final Energy Consumption



CO<sub>2</sub> - Emissions



- Space Heating
- Process Heat 100 - 500 °C
- Process Heating < 100 °C
- Other Process Cold
- ICT
- Process Heating
- Cooking
- Pumps
- Warm Water
- Process Heat > 500 °C
- Other Mechanical Energy
- Mechanical Energy
- Lighting
- Compressed Air
- Climate Cold

\*excluding international aviation

# Norway: Sources

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TSO	Statnett	<a href="http://www.statnett.no/en/">http://www.statnett.no/en/</a>
Regulator	Norwegian Energy Regulatory Authority	<a href="https://www.nve.no/energy-market-and-regulation/">https://www.nve.no/energy-market-and-regulation/</a>

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## Main Studies

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- **National Transport Plan** (Norwegian Transport Agencies), [https://www.ntp.dep.no/English/\\_attachment/1525049/binary/1132766?\\_ts=1571e02a3c0](https://www.ntp.dep.no/English/_attachment/1525049/binary/1132766?_ts=1571e02a3c0)
- **Annual Report on the Norwegian-Swedish Electricity Certificate Market** (Norwegian and Swedish Energy Agencies) <http://www.energimyndigheten.se/globalassets/fornbybart/elcertifikat/the-norwegian-swedish-electricity-certificate-market-2016.pdf>

## Abbreviations

RES	Renewable Energy Source
PEC	Primary Energy Consumption
GHG	Greenhouse Gases
SE	Sweden
EU ETS	European Union Emissions Trading System
EL	Electricity
EU	European Union
TSO	Transmission System Operator