

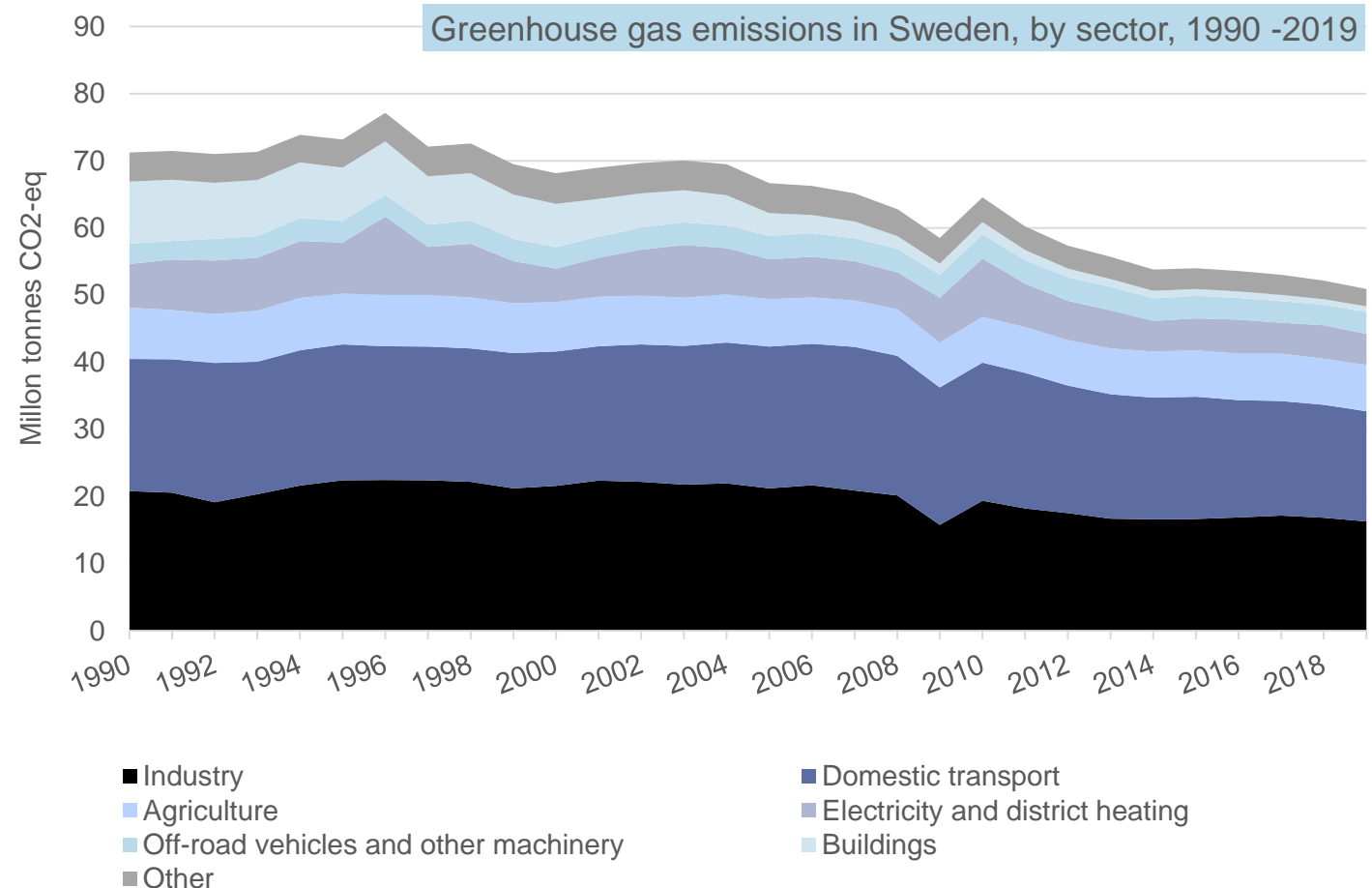
Preparation of the Swedish Hydrogen Strategy

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Climate targets and challenges

By 2030, emissions from domestic transport shall be reduced by 70% (from 2010)

By 2045, emissions of greenhouse gases shall be net zero



Government assignment

31:st of July 2021

- Proposal of a Strategy
- Analysis of
 - i. Potential for increased production, storage, transport and use of hydrogen, electro fuels and ammonia (sectors, timeframes)
 - ii. Technical and economic requirements for hydrogen as storage for energy-system flexibility
 - iii. Obstacles for an introduction of hydrogen as a part of the Swedish energy system
 - iv. Analyse economic consequences from the proposals in *Fossilfritt Sveriges* hydrogen strategy (and possibly include in the strategy)
 - v. Map out the possibilities to cooperation with other countries and stakeholders in Europe

Nordic project on Hydrogen

*Hydrogen, electro-fuels, CCU and CCS in a Nordic context
– current situation and future needs and potentials*

- map the conditions, opportunities and challenges for hydrogen, electro-fuels, carbon capture utilization (CCU) and carbon capture storage (CCS)
- presented at the ministerial meeting in September 2021