

# Swedish EFCA Green Deal Committee Team

Federation of Swedish  
Innovation Companies (FSIC)  
is the trade and employers'  
association for Sweden's  
architects, building and  
engineering  
consultancies



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# Federation of Swedish Innovation Companies (FSIC)

The work of our members contributes to achieving a sustainable future



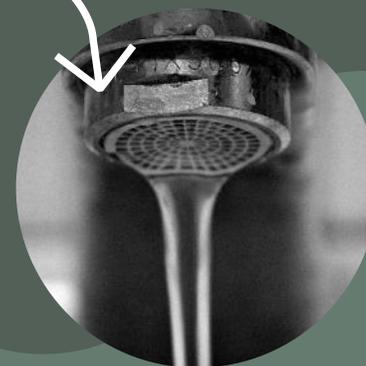
More efficient



Sustainable

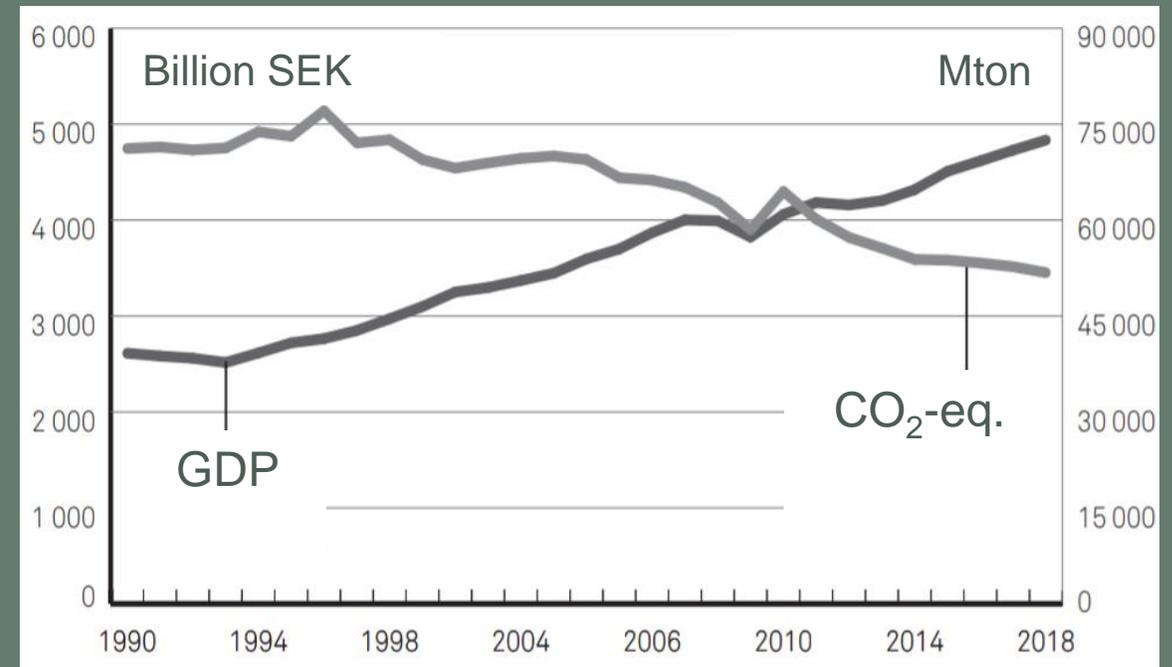


Resilient



# On the agenda in Sweden

- Sweden aims to be the world's first fossil-free welfare nation
- Climate target: Net zero carbon emissions 2045
- UN Sustainable Development Goals a priority for municipalities
- Climate declarations for buildings from 1 January 2022
- Most stakeholders are in favour of ambitious climate targets
- Decoupling is a fact (all electricity from RE or nuclear, RECS since 2003)
- Swedish CO<sub>2</sub> tax are the highest in Europe (over €100/ton)
- Significant public funding for sustainable innovations



# FSIC taking a position – Sustainability is priority #1, Climate first in line



- **Establish a national CO<sub>2</sub> budget** with annual reductions in absolute terms
- **Accelerate the transition to a circular economy** through changes in incentives, regulations and tax systems to contribute to increased sharing, reuse and recycling of resources
- **Public procurement should be designed to reward reduce climate impact**, lower life cycle costs and contributions to the 2030 Agenda
- **Swedish climate policy should take equal account of consumption-based climate emissions as domestic**, in order to steer towards long-term reduced global climate impact. Consumption in Sweden should not contribute to increased emissions in other countries
- **Regulations should be simplified and designed based on quality, function and overall climate and societal requirements**, provide scope for holistic thinking and innovation and enable free zones to test new solutions
- **Strong incentives should be created to retrofit and develop existing assets and reduce emissions** in the production and operation of buildings and infrastructure, and to convert emission-intensive activities

# Fossil Free Sweden – 22 Sector Roadmaps

## Roadmap of the construction and civil engineering sector

The roadmap establishes to achieve a carbon-neutral value chain in the construction and civil engineering sector:

- 2022: Key players within the construction and civil engineering sector have mapped their emissions and established targets.
- 2025: Greenhouse gas emissions clearly demonstrate a declining trend.
- 2030: 50 % reduction in greenhouse gas emissions (cf. 2015)
- 2040: 75 % reduction in greenhouse gas emissions (cf. 2015)
- 2045: Net zero greenhouse gas emissions

<https://fossilfrittsverige.se/en/roadmaps/>

<https://fossilfrittsverige.se/en/roadmap/the-construction-and-civil-engineering-sector/>

Key factors for achieving a carbon-neutral value chain in the construction and civil engineering sector:

1. Collaboration, leadership and knowledge.
2. Long-term regulations that allow for investment in and conversion to carbon-neutral materials and processes.
3. Development from linear to circular processes.
4. Access to and efficient use of bio-based raw materials.
5. Public procurement as an engine for transition.