



English summary of Climate and energy strategy for Skåne to 2030

Skåne Energy Agency, Sweden, PP2



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1. Summary

1.1. A climate neutral and fossil fuel free Skåne

Skåne has the ambition to take a leading role in the transformation to a society with high living standard and very low impact on climate. Environmental and climate matters span across many areas of society and are important factors for a sustainable regional development. In the regional development strategy, The open Skåne 2030, the county's stakeholders have gathered around the idea of a carbon neutral and fossil fuel free Skåne where the environmental objectives for Skåne have been achieved. This target is possible to achieve by large reductions of greenhouse gases through efficient use of resources, increased production and use of renewable energy, changed consumption patterns and increased uptake of carbon dioxide in forest and land.

The Climate and energy strategy for Skåne has been developed by the County Administrative Board of Skåne, Region Skåne and Skåne Association of Local Authorities within Climate Cooperation Skåne, a platform for the regional work regarding climate and energy matters. The strategy shall give guidance for the coming climate and energy work in the county and contains regional objectives as well as prioritised areas of action to the year 2030.

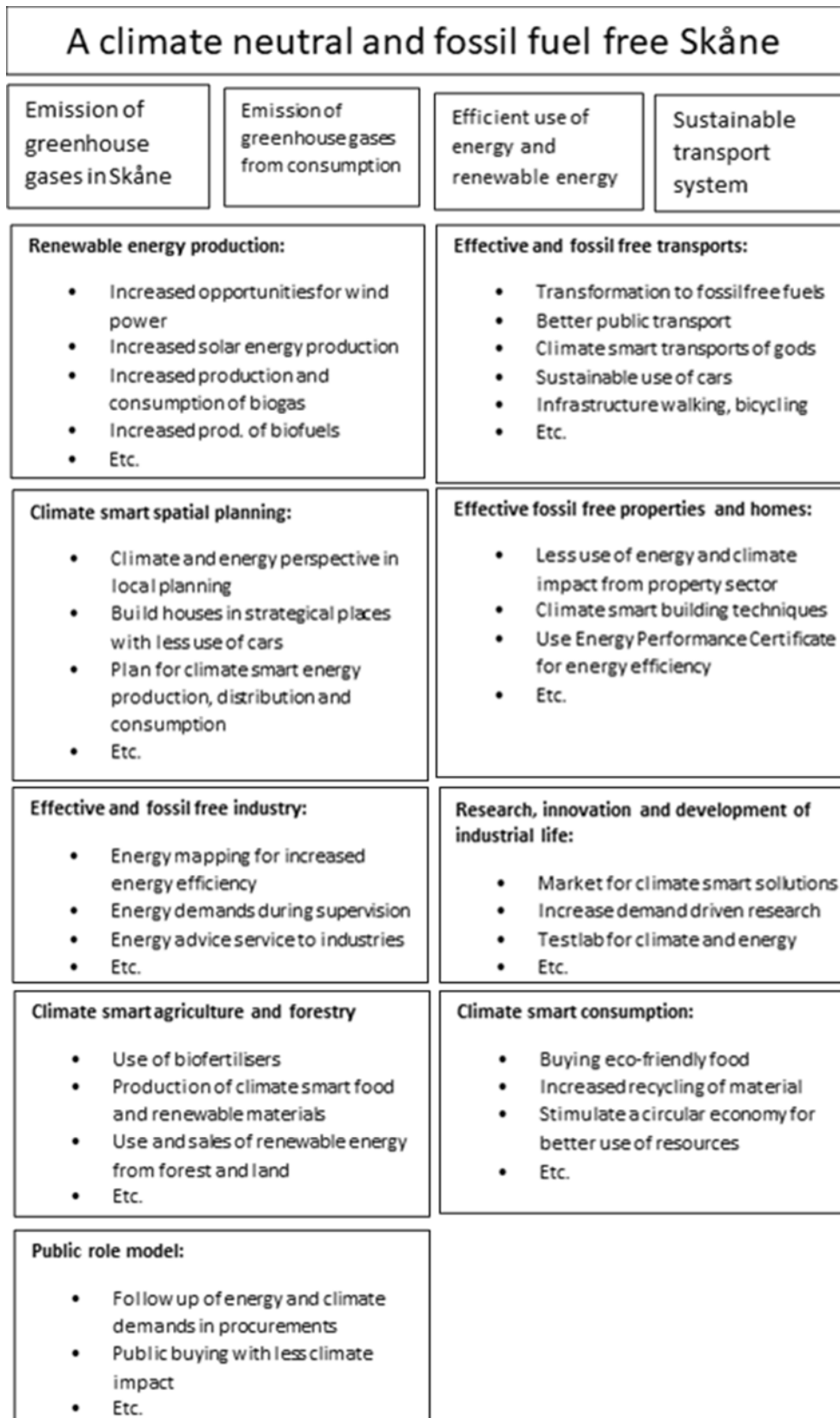
1.2. Climate objectives for Skåne to be reached by 2030

- The emission of greenhouse gases shall be at least 80 % lower than 1990.
- The greenhouse gas emissions generated by consumption in Skåne shall be at most 5 tonnes carbon dioxide equivalents per person and year.
- The use of energy shall be at least 20 % lower compared to 2005 and consist of at least 80 % renewable energy.
- The share of journeys with bicycle or walking shall be at least 30 % and the share of journeys with public transport shall be at least 28 % of the total number of journeys in Skåne.
- The emissions of greenhouse gases from transports in Skåne shall be at least 70 % lower than 2010.

1.3. Prioritised areas of actions in Skåne

The climate and energy strategy points out prioritised areas of action to increase the possibilities to reach the climate objectives. For each of the areas the current situation, potential and control instruments and suggested actions are presented as well as regional stakeholders that can contribute to initiation and realisation of the actions.

A success factor to reach our ambitious climate objectives and contribute to a positive development of society is to strengthen the dialogue and collaboration between stakeholders in the county and at the same time make it easy for our citizens to live a climate friendly life.



Picture 1. Prioritised areas of action in the climate and energy strategy for Skåne.

1.4 Climate smart planning

The main contribution from the BEA-APP project was to bring international knowledge about spatial planning and renewable energy into the working process. That was what Skåne Energy Agency did in the working group for Climate smart planning in the strategy. Also, the Skåne County Administrative Board (the owner of the strategy) visited both transnational conferences as well as the final conference of BEA-APP and has been a very active cooperation partner in the BEA-APP project. Climate smart planning is one of nine prioritised areas in the strategy and BEA-APP is one important factor to that.

Skåne County Administrative Board decided not to involve planning criteria from other Baltic countries in the strategy since they wanted to keep the content on a more general level and later develop the detailed information and instruction in the implementation phase. The result from the BEA-APP project is described in the actions on page 47-48 in the strategy:

Strengthen the climate and energy perspective within and between the local authorities spatial planning

- Implementation: Regional knowledge and planning documents about climate and energy perspectives in the spatial planning needs to be developed. These documents should also include national and *international* contexts and perspectives. This will lead to increased climate and energy competence in the county, as well as to facilitate for local authorities to integrate climate and energy in the societal planning and inter municipal collaboration.
- Implementation: Local climate and energy strategies are developed where concrete actions are included that decreases climate impact from local authorities. The actions should also be implemented in the municipal comprehensive plan.
- Responsible for implementation: Local authorities, Skåne County Administrative Board, Skåne Association of Local Authorities, Regional County Council of Skåne

Develop the foundation for climate smart energy production, distribution and consumption.

- Implementation: The demand of land for energy production shall be concretised in the planning process. There should be good prerequisites for large scale as well as small scale renewable energy production and distribution. Smart electric grids should be prioritised. The dialogue is held in the planning process about energy performance and heating systems. These areas should be implemented in the plan and its quality program.
- Implementation: The societal planning is used as a tool for creating prerequisites for a circular economy, for example regarding waste with a focus on system perspectives, circular flow and resource efficiency.

- Responsible for implementation: Local authorities, Skåne County Administrative Board, Skåne Association of Local Authorities, Regional County Council of Skåne

Localise societal buildings in adequate and strategic areas to minimise cargo and personal car transports.

- Important that future planning is done in a clever way where expansion are done where public transport is available and condensation are made.

Develop long term sustainable structures for buildings, transports and communication.

- Important to plan for less need for transports of goods and people.

These were the four areas that was the result from the work in the group for Climate smart planning, where we brought knowledge from the BEA-APP project. Skåne Energy Agency is currently running a regional project 2019-2020 supporting local authorities in Skåne with integration of spatial planning into their local energy and climate strategies.

2. Introduction

Climate change is one of our greatest challenges during the 21st Century. There are great possibilities to change the way energy is used in society and use the earth's resources more effectively and in a more sustainable way. A conversion to a carbon neutral society, free from fossil fuels is necessary to meet the challenge with increasing global warming in front of us.

The starting point for Climate and energy strategy for Skåne is the international and national political climate objectives stating that the increase of global average temperature should be held well under two degrees Celsius and that Sweden should not have any net emissions of greenhouse gases by year 2045.

2.1. Climate and energy are important aspects in society

In the regional development strategy, The open Skåne 2030, the county's stakeholders have gathered around the idea of a carbon neutral and fossil fuel free Skåne where the environmental objectives for Skåne have been achieved. The climate and energy strategy for Skåne has the important task to concretise and show how these objectives can be achieved. Success factors to reach the objectives are continuous dialog and a collective pursuance from all stakeholders in Skåne.

The climate and energy strategy contains guidance and support to develop and perform measures to reach the climate and energy objectives in Skåne. The strategy will also act as platform for cooperation between stakeholders and identify a common ground for the work. Further, the strategy aims to influence other actions and plans so that they aim towards the common objectives and support prioritisations in the work. The strategy should be able to be used by all relevant stakeholders in Skåne and also clearly present to its citizens the ambitions of development in the field of climate and energy.

2.2. Cooperation for an effective work with climate and energy in Skåne

The climate and energy strategy has been developed in cooperation by the County Administrative Board of Skåne, Region Skåne and Skåne Association of Local Authorities within the Climate Cooperation Skåne. Climate Cooperation Skåne was founded in year 2010 by above mentioned organisations as a cooperation platform to run an effective work with climate and energy in Skåne. The cooperation platform also acts as opinion-maker and arena for discussions as well as capacitor for climate and energy projects in the county. The climate and energy strategy has been adopted by each organisation and shall act as a common strategy with objectives and directions for the coming work with climate and energy within the organisations and in cooperation with other stakeholders in Skåne.

2.3. Process for development of the strategy

The County Administrative Board of Skåne has been the project manager of the development of the climate and energy strategy. The assignment includes a long-term perspective to support and coordinate the regional work with implementing the government's policies regarding energy conversion and decreased climate change. Within this framework all of the county administrative boards in Sweden should produce regional climate and energy strategies in cooperation with relevant local and regional stakeholders.

The development and writing of the strategy has been carried out in working groups for each area of actions with experts from mainly the County Administrative Board of Skåne, Region Skåne and Skåne Association of Local Authorities, but also from local authorities, universities and non-profit organisations. The work process of setting of objectives and describing actions as well as dialogue and establishment with stakeholders have mainly been coordinated with continuous work, processes, projects and assignments in the organisations mentioned. Information and discussions about the new climate and energy strategy have also taken place at network meetings for companies in different sectors and conferences such as Skånes energiting as well as seminars and workshops with local authorities in Skåne. After a broad submission for comments to relevant stakeholders in the county, the County Administrative Board of Skåne, Region Skåne and Skåne Association of Local Authorities adopted the new climate and energy strategy in May 2018.

2.4. Limitations

The strategy focuses on decreasing emissions of greenhouse gases and an energy conversion with increased share of renewable energy from a regional perspective. The strategy don't handle effects of climate changes such as rising ocean levels, flooding, earth slips, heatwaves, etc. Actions for decreasing greenhouse gas emissions can have synergies with measures for adaptation to climate change and there are advantages of handling these areas in an integrated way in the society planning work. For regional guidance in the work for adaptation to climate change it is referred to Regional Action Plan for climate adaptation in Skåne, and the County Administrative Board of Skåne's coordination work in this area. Neither do the strategy handle effects from emissions of particles, changed albedo, etc. that can be assumed influencing the climate.

2.5. Structure of the document¹

The climate and energy strategy presents regional objectives and describes the current situation, potential and control instruments for prioritised actions within nine action areas with large impact on decreasing greenhouse gas emissions and conversion of energy in Skåne. The strategy starts off describing a future with a climate neutral and fossil fuel free Skåne and important areas of action to work with to achieve this. Subsequently, there is a description on what people in Skåne think about climate. Further, relevant national and international objectives for climate and energy is presented. After that the new regional climate objectives for 2030 are presented and the actions to be taken to achieve this. Finally, a description of realisation, follow-up and revision of the strategy is presented and a description of how the strategy affects other environmental and societal objectives.

¹ The full document is available in Swedish
(https://www.balticenergyareas.eu/images/achievements/RE_concepts/klimat-och_energistrategi_for_skane_2018.pdf)