

## About Southeast Sweden

In Sweden local authorities are responsible for local energy planning. There is no general regional energy policy for the overall region, but the counties have respectively launched similar policies aiming to reduce climate impact, increase the use of RES and improve energy performance. The regional Energy Agency for Southeast Sweden (ESS) was established in 1999 in order to support and speed up this development and plays a vital role to improve energy efficiency and increase the use of renewable energy sources.

The long term target of the national climate policy is to reduce the carbon dioxide emissions to 4.5 % ton CO<sub>2</sub>-eq/cap by the year of 2050. As you can see below the regional targets go further. The table below illustrates the targets for the two counties Kalmar and Kronoberg, covered by the MOVE project. The two counties represent together approx. 4.5 % of the inhabitants of Sweden and 4.6 % of the surface. They include altogether twenty municipalities.



## Keywords for the regional project

The Energy Agency for Southeast Sweden works mainly with two activities on the local and regional level in the framework of the MOVE-project namely the Virtual Mobility Agency and a project called Smart traveller.

## Virtual Mobility Agency

The Climate Investment Program, the contribution from the Swedish Road Administration and the Intelligent Energy Europe program have made it possible to start regional mobility agencies in Kalmar and Kronoberg Counties. The operation is based on the idea that cooperation between local and regional actors as well as municipalities is a prerequisite if we wish to obtain a sustainable transport system in a region.

The Mobility Agency wants to achieve changes in people's travel habits by coordinating mobility activities with strategic partners. Another important task of the agency is to inform about the work carried out by Mobility Agency through seminars, newsletters, articles, homepage and to carry out concrete projects in transports.

ENERGY 2004	KRONOBERG	KALMAR
Total energy turnover	6.3 TWh	13.9 TWh
CO <sub>2</sub>	696 000 ton	1 124 364 ton
Fossil fuels	2 626 GWh	4 142 GWh
Renewables	1 528 GWh	6 770 GWh
Electricity	2 187 GWh	2 998 GWh

The purpose is to contribute to a modal shift towards sustainable transport modes and thus to the reduction of CO<sub>2</sub> emissions. The agency is committed to work towards the goals set by the EC, the Swedish Government and the region.

### Target groups

The main target groups for the agency are the local administrations, companies and other organisations. The public in general will get information through projects and articles in newspapers etc.

### Projects

The Virtual Mobility Agency works with a project called "Municipal policy document for safe and sustainable transports". The purpose is to make municipalities in Kalmar

## Regional Energy Policies

TARGETS	CO <sub>2</sub> EMISSION BY 2010	CO <sub>2</sub> REDUCTION 1990-2010	RES TARGETS BY 2010	OTHER RELEVANT TARGETS
Kalmar	4,4 ton/cap	15 %	50 % RES (65 % reached!)	CO <sub>2</sub> emissions from traffic - 20 % 1995-2010. Zero emissions of CO <sub>2</sub> 2030.
Kronoberg	3,5 ton/cap	22 %	50 % RES, of which 2 TWh biofuels and 6 % fuels in transport sector.	Reduce the use of electricity with 10 % 1995-2010. Stabilize CO <sub>2</sub> from traffic at 1990 level the year 2010. Zero emissions of CO <sub>2</sub> 2050.

and Kronoberg counties draw up a policy document that commits them to the work towards a safe and sustainable transport system. The policy document is signed by the executive boards in each municipality. The process is led by the SRA together with the virtual Mobility Agencies administrated by the ESS.

**Personnel**

The Mobility Agency consists of two persons trained in Mobility Management and in SUMO evaluation method responsible for each county. During the project period one more person working on 60 % bases has been involved in the project. Other staff working at the Energy Agency will be involved in the work when needed, especially concerning production of information material and updates to the MOVE-homepage.

**Move partners in Sweden**  
 The Swedish Road Administration  
 Southeast Region  
 Swedish Environmental  
 Protection Agency  
 Public Transport Administrations in the  
 counties of Kalmar and Kronoberg  
 Regional Councils in Kronoberg  
 and Kalmar Counties  
 Miljöfordon Syd (Clean vehicles)

**Local steering group**

A local steering group is responsible for the projects and other activities carried out by the agency and keeps regular meetings 2-4 times a year depending on the agenda.

**Smart Traveller**

**The ESS local project is called Smart Traveller. It is an information and communication activity with the ambition to change employees' travel habits by offering alternatives to car driving in the counties of Kalmar and Kronoberg.**

The project is carried out in eight workplaces - ITT Flygt, IKEA Kalmar, Faurecia Exhaust System, County hospital Kalmar, GNUTTI, The Regional Council in Southern Småland, ESS and Volvo Construction Equipment.

Employees who today go to work by car are encouraged to test other travel options in form of public transports (test travellers), cycling (health cyclist), car-pooling and learning eco-driving. The first travel habit survey was carried out in the beginning of the project and the second in the end of the project. In total, 2 228 employees have filled in the survey. Furthermore the employees will have the possibility to attend exhibitions and/or seminars in their work places in order to learn more about sustainable travelling.



The project runs between April 2006 and June 2008.

**This is what we target 2030**

TRAVEL MODE	DISTANCE
Walk	< 2,5 km
Cycle	< 5 km
Bus/car	< 50 km
Train	< 1 000 km
Aeroplane	> 1 000 km

**This is how we mainly travel today**

TRAVEL MODE	DISTANCE
Walk	< 2 km
Car	< 500 km
Aeroplane	> 500 km



**The Energy Agency for Southeast Sweden**

The Energy Agency for Southeast Sweden Ltd., ESS, is owned by the registered association Energy Agency for Southeast Sweden. The association is in turn owned by the municipalities in the region as well as the regional councils in the three counties of Kalmar, Kronoberg and Blekinge. In addition, as it comes to Transport, The Swedish Road Administration (SRA) is an important partner and financier. This struc-

ture makes it possible for the ESS to act as a facilitator leading many different projects in the field of transport. It also guarantees the engagement of the stakeholders.

Project coordinator: Hannele Johansson  
 Tel: +46 470-72 33 25  
 E-mail: hannele.johansson@energikontor-so.com