



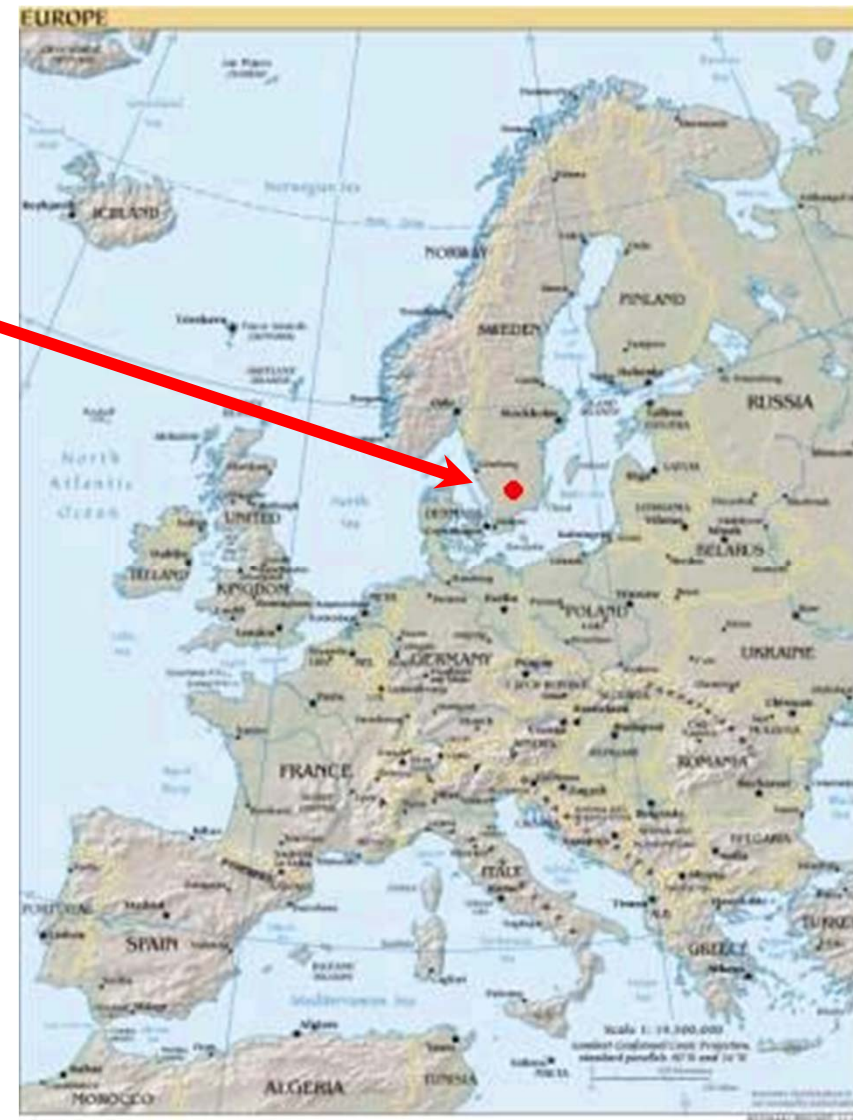
**Anna Tenje - Chairman of the Technical Services  
Board & Member of the Executive Board  
City of Växjö, Sweden**



# This is Växjö, Sweden

## Municipal profile

- Population ~ 83 000 (2010)
- Forests and 200 lakes
- Centre of glass, furniture, SMEs, bio energy and education
- 8 000 SME-companies
- Political majority, right wing:  
M, C, FP, KD



## Why the Greenest City?



- **Fossil Fuel Free Växjö**
- **Facilitate to be climate & environmentally friendly**
- **Parks and nature reserves**
- **Recovered central lakes**

**BBC recorded broadcast from Växjö The Greenest City in Europe in 2007**





## Local Alarm bell

Lake Trummen  
(restoration 1970-1971)



Before restoration



After restoration





# From environmental problem to a resource



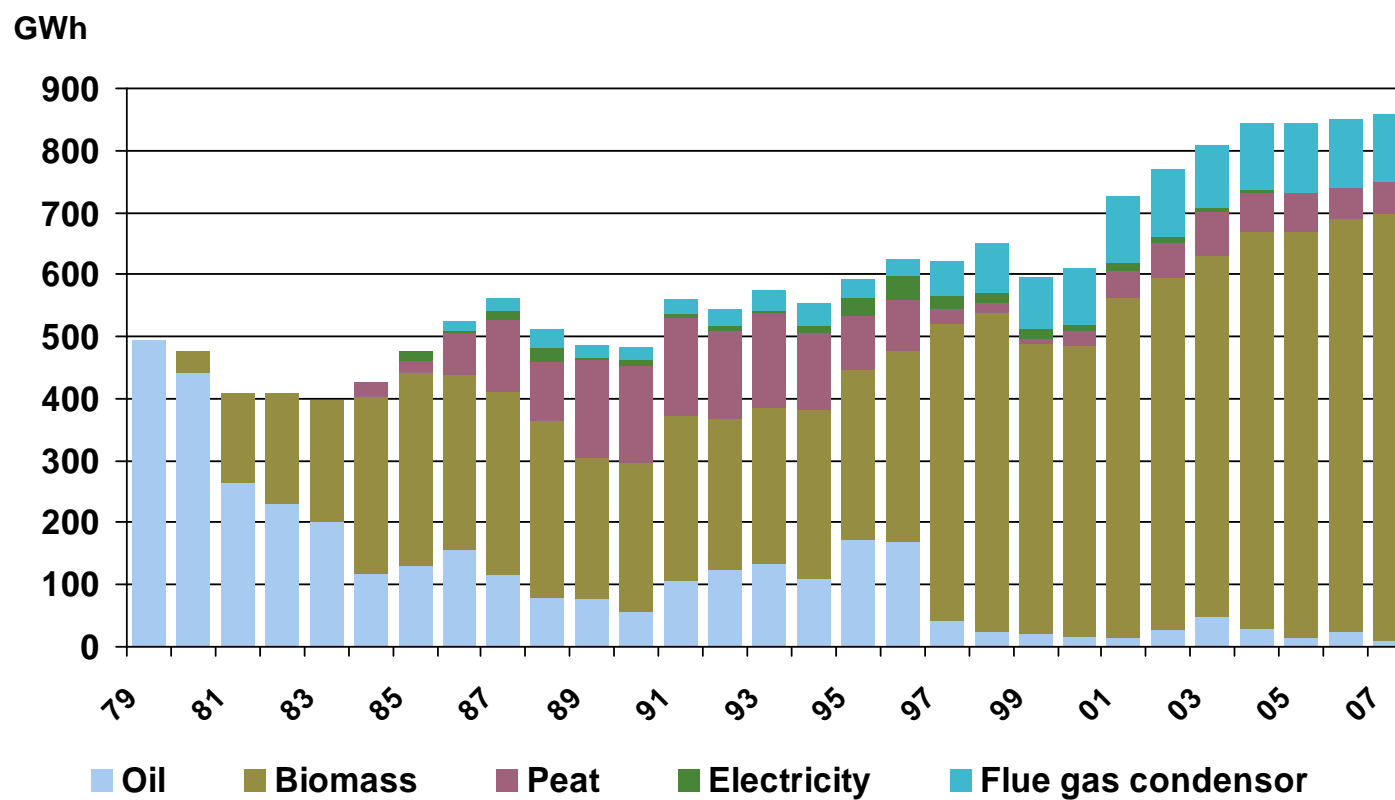


**VEAB** – Växjö Energy Ltd, the municipality's energy company, bio energy and district heating, 1980's



1995 - 97 successful co-operation with the Swedish Society for Nature Conservation.

1996 decision to be Fossil Fuel Free Växjö.



## Every day work

- **Environmental programme**  
local goals adopted by unanimous City Council in 2010
- **Projects – measures**
- **ecoBUDGET**,  
environmental management system (EMS)





## Fossil Fuel Free Växjö



### **Vision**

We have the vision of a fossil fuel free Växjö, where our energy consumption does not lead to any climate change.

### **The City of Växjö strives:**

- to use renewable energy .
- to use energy efficiently.

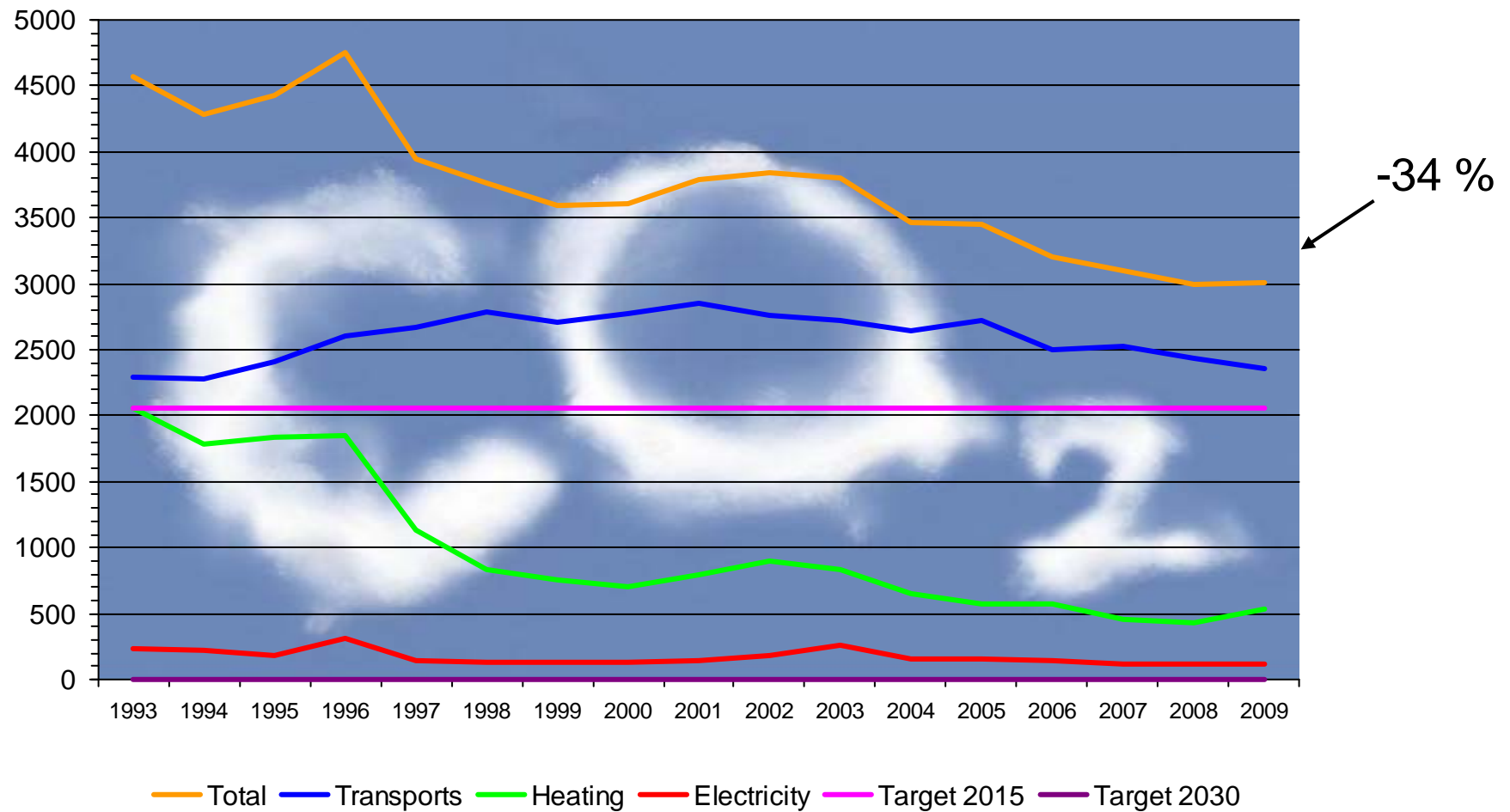
## Fossil Fuel Free Växjö



Reduce the fossil CO<sub>2</sub> emissions by 55% per capita until 2015 and Fossil Fuel Free until 2030 compared to 1993.



## Emissions of fossil CO<sub>2</sub> (kg/inh) in Växjö



## Solar panel on schools



## Urban wind-energy



## Energy efficient wooden houses



## Low energy houses

## Sustainable transport





## Future projects

- Major improvement of public transport
- Major improvement for bicyclists
- Increased biogas production - vehicle fuel in city buses
- 2nd generation biofuels from gasification of biomass waste
- Sell know-how and products, climate protection
- Coordinated transport of goods
- Solar panels on City Hall

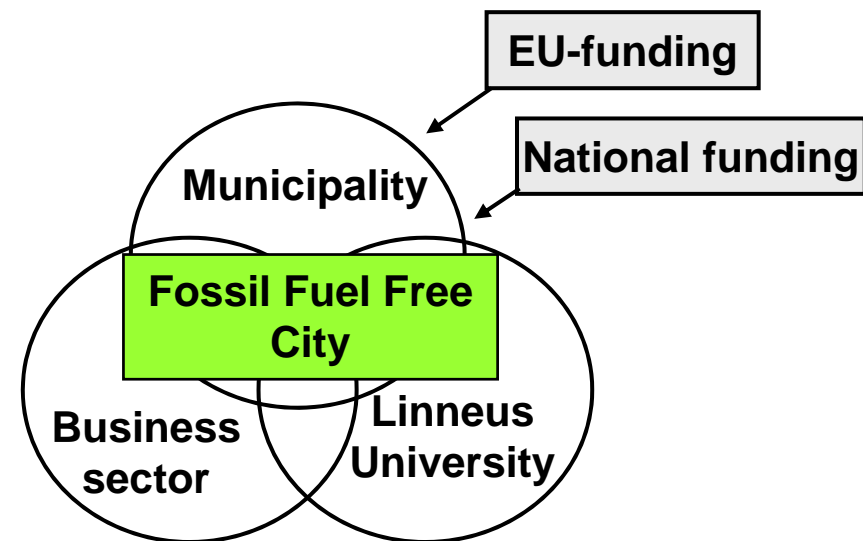




**Municipal commissioners in the City of Växjö:** Bo Frank (M), Charlotta Svanberg (S), Gunnar Elm (C)

## Why success?

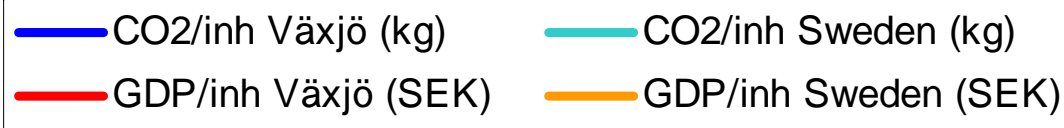
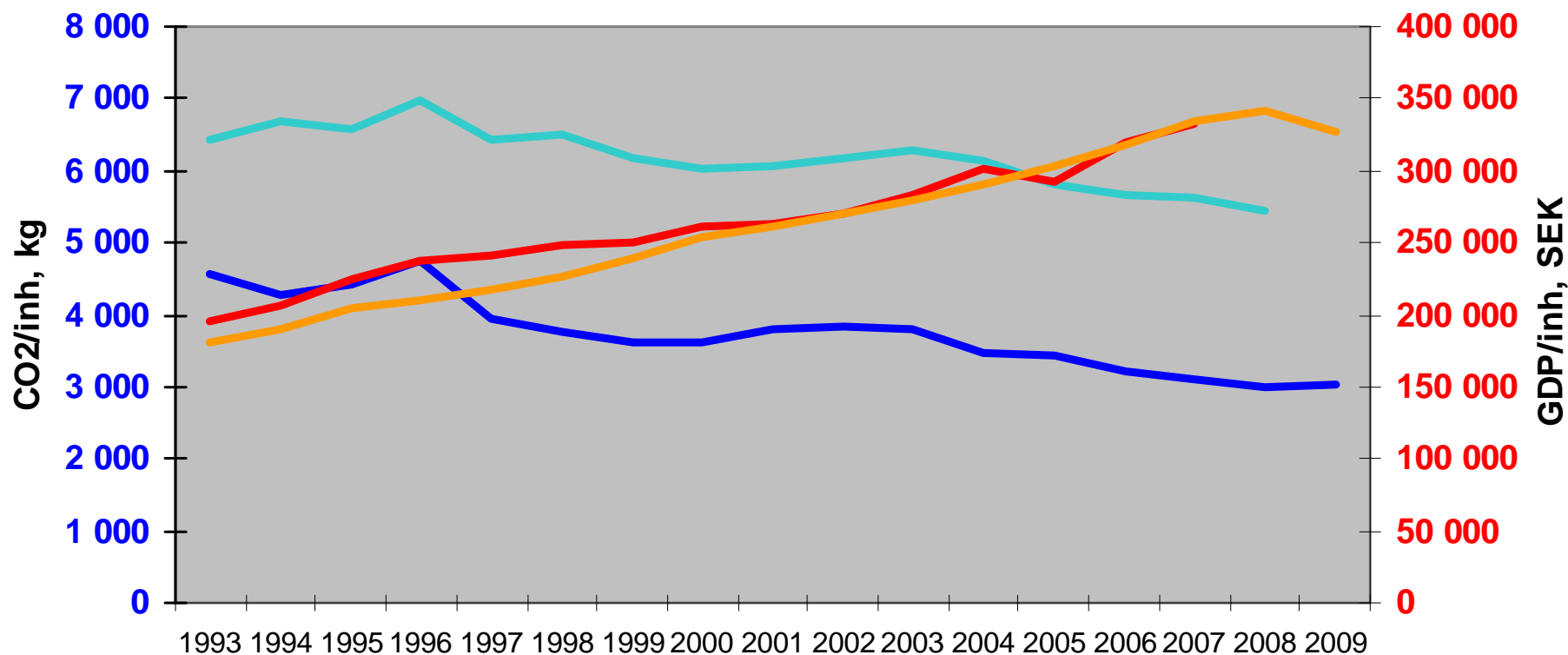
- Political consensus – decisions
- Broad collaboration and networks
- Resources - financial support





# Decoupling in Växjö and Sweden

Economic growth and CO2





**[www.vaxjo.se](http://www.vaxjo.se)**  
**[www.vaxjo.se/english](http://www.vaxjo.se/english)**  
***Thank you for listening!***