

# Sustainable Energy Action Plans Dealing with Transport and Mobility

**Sustainable Mobility and  
Integrated Planning in Urban Areas:  
Trade Union Dialogue with Local Authorities  
4 February 2013**

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Gothenburg, EU office



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Stadt

# About Gothenburg

- Gothenburg was founded in 1621
- 900,000 inhabitants in the Gothenburg Region and over 500,000 inhabitants in city
- 65,000 students
- 5% of Sweden's population lives in Gothenburg
- 50% of Scandinavia's industrial capacity is within a 300 kilometre radius
- Has the largest port in Scandinavia
- Gothenburg and western Sweden is Scandinavia's automotive centre with companies like Volvo Trucks and Volvo Cars



# Our Vision 2020

30 % reduction of CO<sub>2</sub> compared to 1990



# Key Areas

- Increase energy efficiency - lower electricity usage
- Lower heating demand - energy efficiency in Buildings
- Lower CO2 emissions from transport
- Increase local renewable energy production
- Increase usage of renewables in the entire energy mix



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# SEAP

**Expected CO<sub>2</sub> reduction per field of action (t) in 2020**



**86000 tons  
Transport  
-13%**



**433000 tons  
Buildings,  
equipment,  
facilities &  
industries**



**198000 tons  
Local  
energy  
production  
(electricity  
& heat/cold**



**78000 tons  
Land use  
planning**

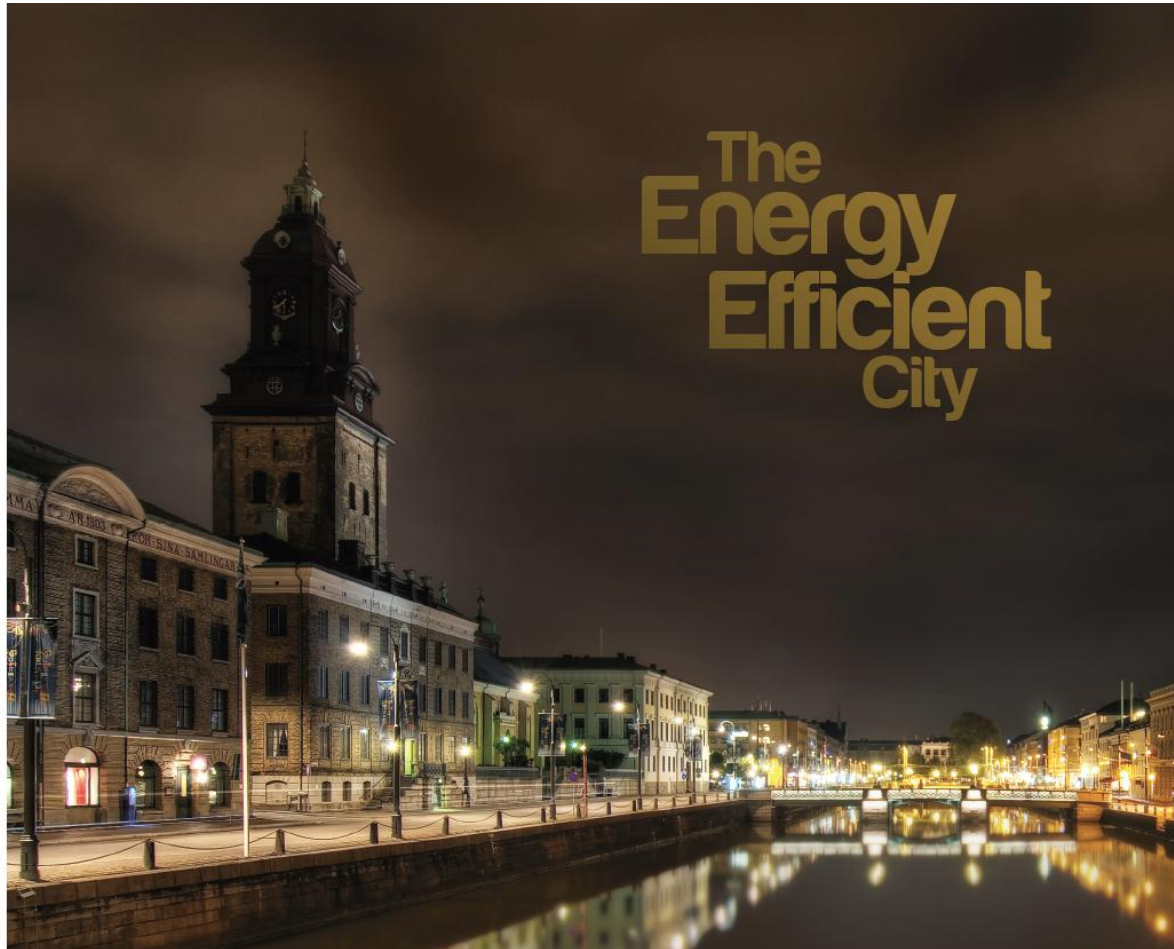


# SEAP

- Is good tool for pooling resources and to create the bigger picture
- Enhanced cooperation between departments
- A communication tool
- Main Issue : Comparison of figures...



# Some Examples from Gothenburg



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# 90%

of all apartment  
buildings heated  
by district  
heating.



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# Biogas

- Utilizes existing gas infrastructure
- Renewable and locally produced
- Will replace natural gas



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# GoBiGas

**1 000 GWh in 2016  
= fuel for 75 000 cars**

**65 % of biomass  
converted to biogas, with  
an overall energy  
efficiency of 90 %**



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# Railway shuttles



# The West Swedish 3.8 billion Euro Infrastructure Package



# The West Swedish package contents

- Public transport investments
- Enviromental and road saftey measures
- Congestion tax (1 january 2013)
- The new Götaälv bridge
- The Marieholms tunnel
- The West Link – Railroad tunnel



# K2020

**Strategies to increase the share of trips made by public transport**

**2005 – 25% share  
450 000 trips**

**2025 – 40% share  
1 000 000 trips**



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Thank you for your attention!



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