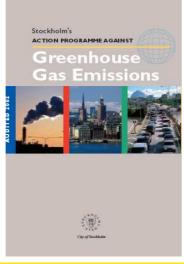


The Climate Action Plan



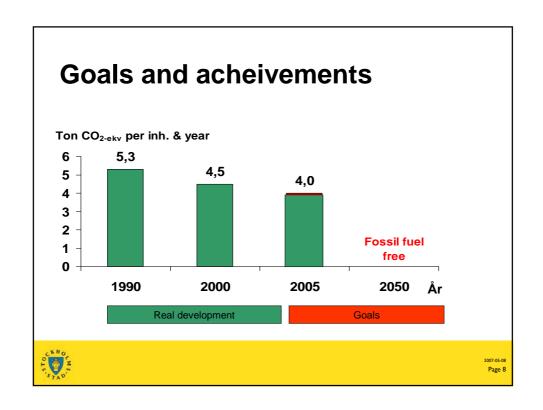
Second generation plan 2000-2005

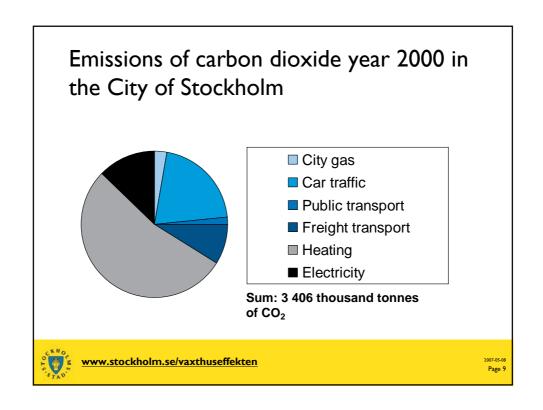
- I. Baseline emissions inventory
- 2. Emission reduction targets
- 3. The plan
- 4. Implementation
- 5. Monitoring and reporting



www.stockholm.se/climatechange

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Energy efficiency in buildings

Existing buildings:

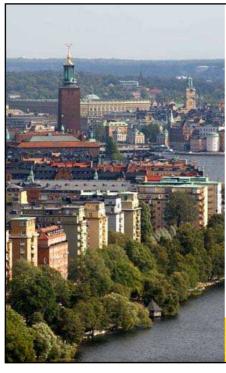
Educating owners multi-family houses how to preserve energy and how to comply with the environmental code.

www.miljo.stockholm.se

New buildings:

- The city owns 65% of all land within its jurisdiction
- Energy requirements for leaseholds
- For example within district heated buildings a maximum of: 125 kWh/square meter whereof 60 kWh electricity

www.stockholm.se/miljobygg



Sustainable transport

by Carrots & Sticks!

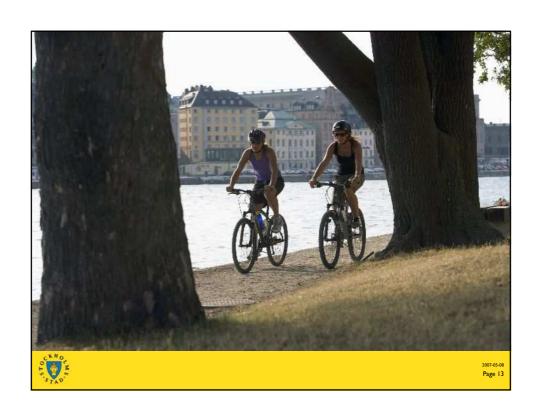
Sticks

- Environmental zonesfor lorries and busses
- Congestion taxation

Carrots

- Improved cycle lanes
- Increased public transpor use
 - smart cards & ticketing
 - travel guarantee
- New ways of transport
 - Car-sharing clubs
 - Better information
 - Adaptive traffic signals
- Goods logistics
- Clean vehicles

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Trip planning

- Real-time information in buses and at bus-stops
- www.trafiken.nu plan for the best trip

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Attractive public-transport

Marketing

- free tickets for special groups i:e new citizens
- Mobility planning Surveillience
- trip-garantees
- smart-cards





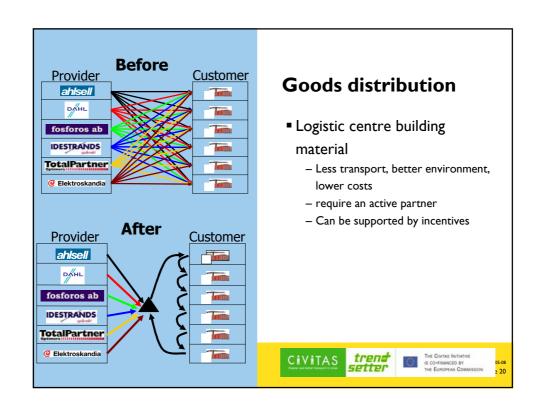
Goods distribution O-central old town

win-win-win

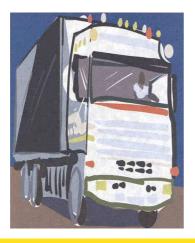
- Better accessibility
- Better city environment
- Better for the customers

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Environmental zones



- Diesel powered, heavy trucks and busses weighing more than 3.5 tonnes are
- banned from defined inner city area, unless they
- comply with certain environmental regulations (environmental classes)



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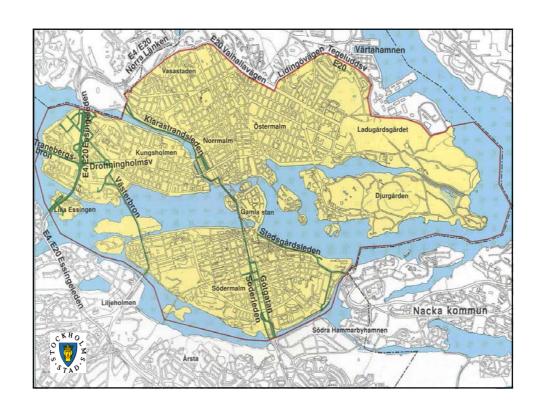
Marking vehicles

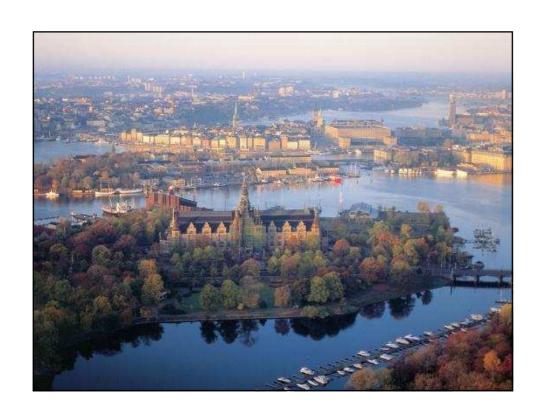
- Visible sticker on windscreen
- Enforcement by the Police
- Cities are entitled to charge applications





age 22





Primary objectives of congestion charging

- Reduced congestion
- Increased accessibility
- Better environment





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Secondary objectives of congestion charging

- To reduce traffic volume by 10-15% on the most-heavily-used routes during morning and afternoon/evening peak periods.
- To improve accessibility for buses and cars in the inner city.
- Revenue back to Stockholm





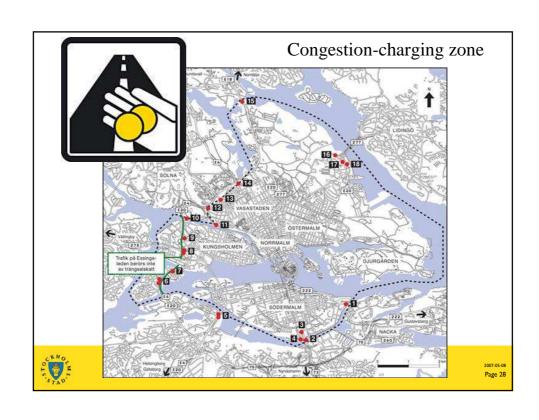
4 Steps

- Improved public transport 22 Aug 2005
- New park-and-ride sites Autumn 2005
- Congestion charging3 Jan-3 I July 2006
- Referendum 17 Sept 2006





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Congestion charges

PEAK PERIODS

7.30-8.30 a.m., 4-5.30 p.m SEK 20 \$ 3

SEMI PEAK PERIODS

7.-7.30 a.m., 8.30-9 a.m. 3.30-4 p.m., 5.30-6 p.m. SEK 15 \$ 2

MEDIUM-VOLUME PERIODS

6.30-7 a.m., 9 a.m.-3.30 p.m. 6-6.30 p.m. SEK 10

MAXIMUM CHARGE: SEK 60/day \$ 9

Evenings, Saturdays, Sundays, holidays: NO CHARGE



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\$ 1.5

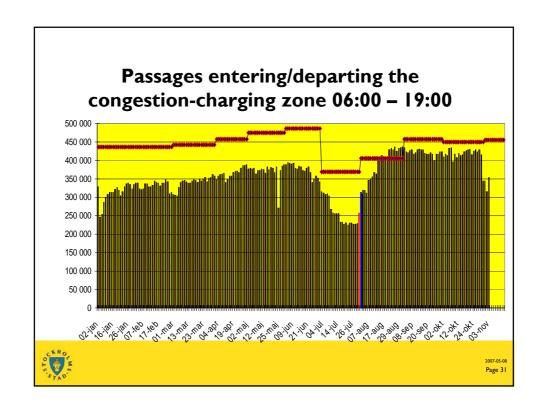
These traffic categories are exempt about 30 % of passages

- Emergency vehicles
- Vehicles with disability permits
- Foreign vehicles
- Transport services for the disabled
- Taxis
- Motorcycles
- Buses over 14 tons
- Vehicles using alternative fuel

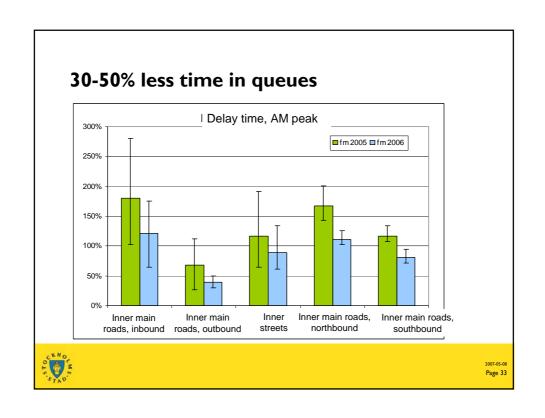




age 30

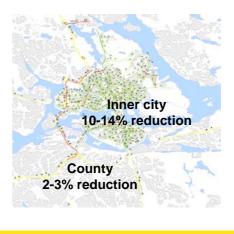




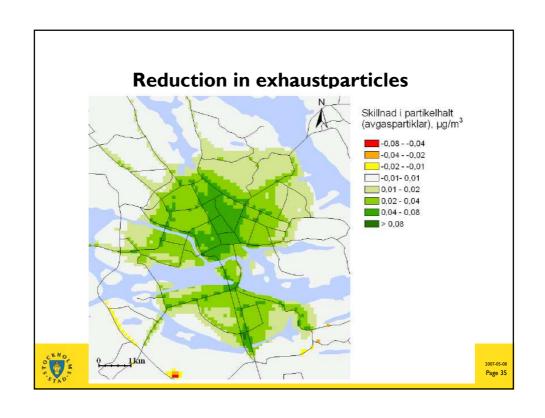


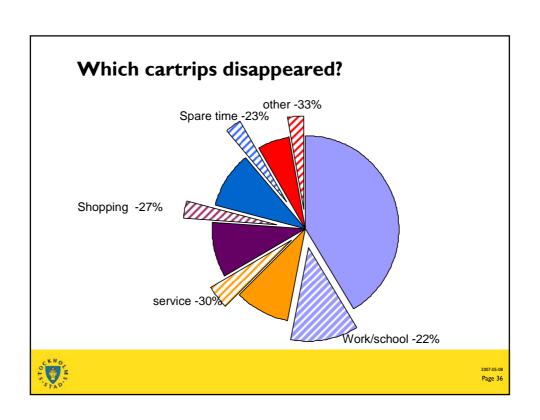
Less emissions improve health

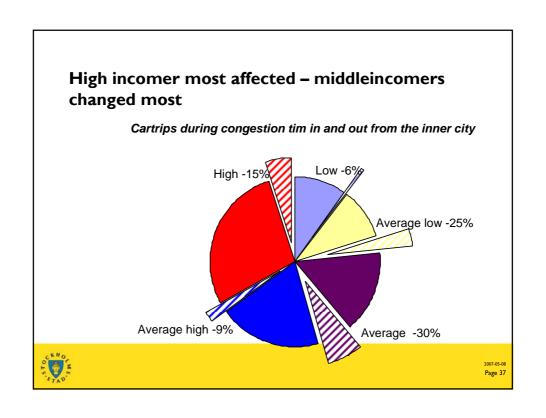
- Emissions are reduced in the "right" area
- According to new findings, as much as 30 premature deaths can be saved (app. 300 living years)
- Climate effects large for a single measure
- One step towards national climate target

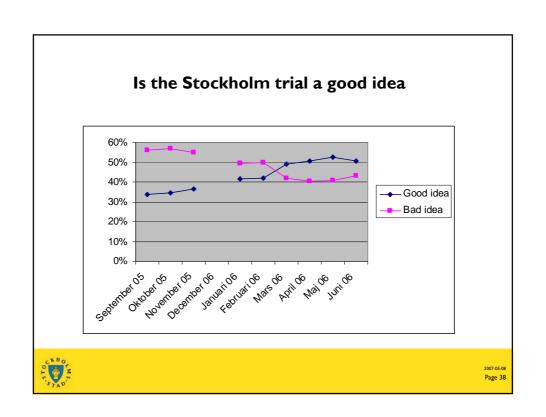


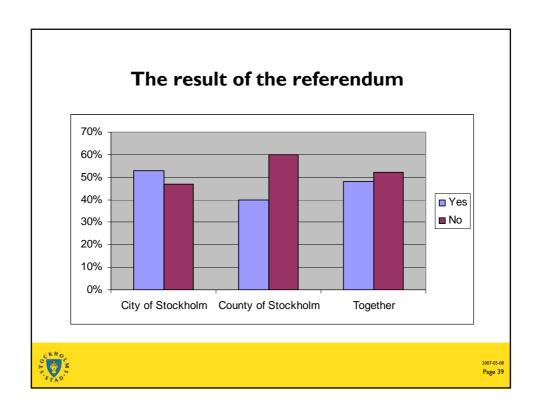












Why was the trial a success?

- It worked techically very well
- People have known what to do
- The traffic effects have exceeded the expectations
- People have seen the benefits by themselves
- Continously mesuring didn't give room for rumours
- People have been prepared to change their minds





Continuation from I July 2007

- No transponders needed
- Improved customer services
- Better reports to business companies
- Better routines when new owner
- Everybody can pay by direct dept
- The car owner does not need to be the one who pay the tax
- July a free month
- In the future 30 days to pay
- The tax will be deductible
- In the long run a local charge instead of a national tax





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