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Director, Environment Administration, City of Stockholm

Smarter Transportation



SmarterCities

STOCKHOLM

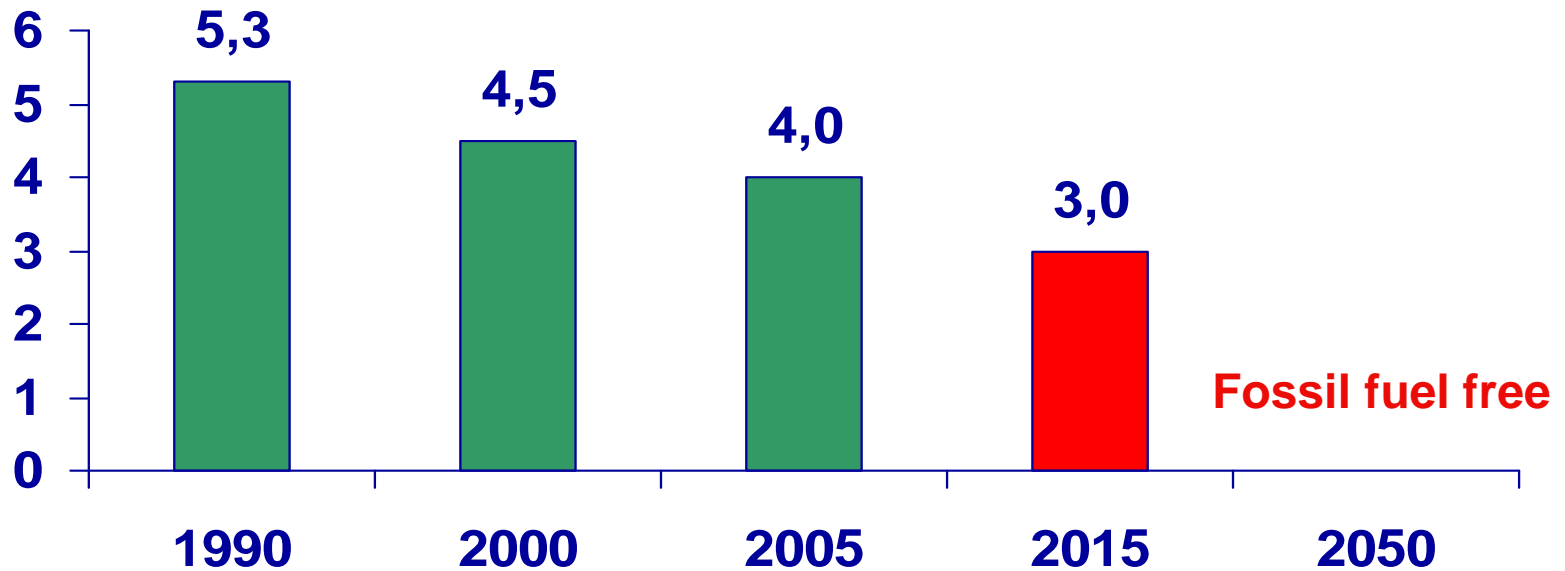
Winner 2010



EUROPEAN **GREEN CAPITAL**

Goals and achievements

Tonnes CO₂-ekv per capita



Real Development

Goals

Primary objectives of congestion charging

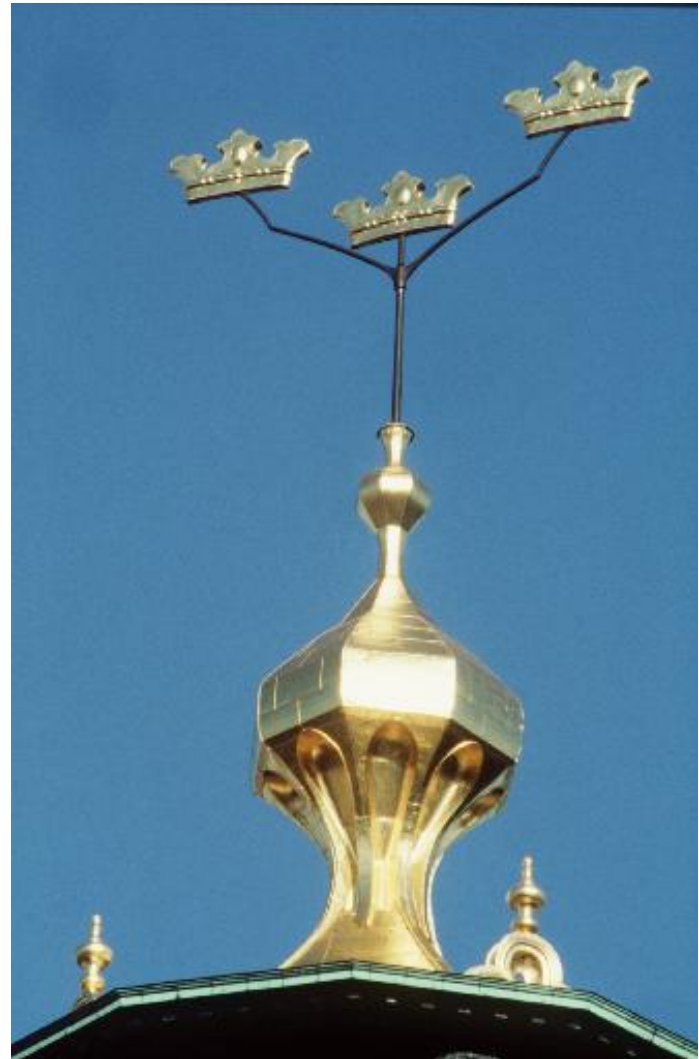
- Reduced congestion
- Increased accessibility
- Better environment



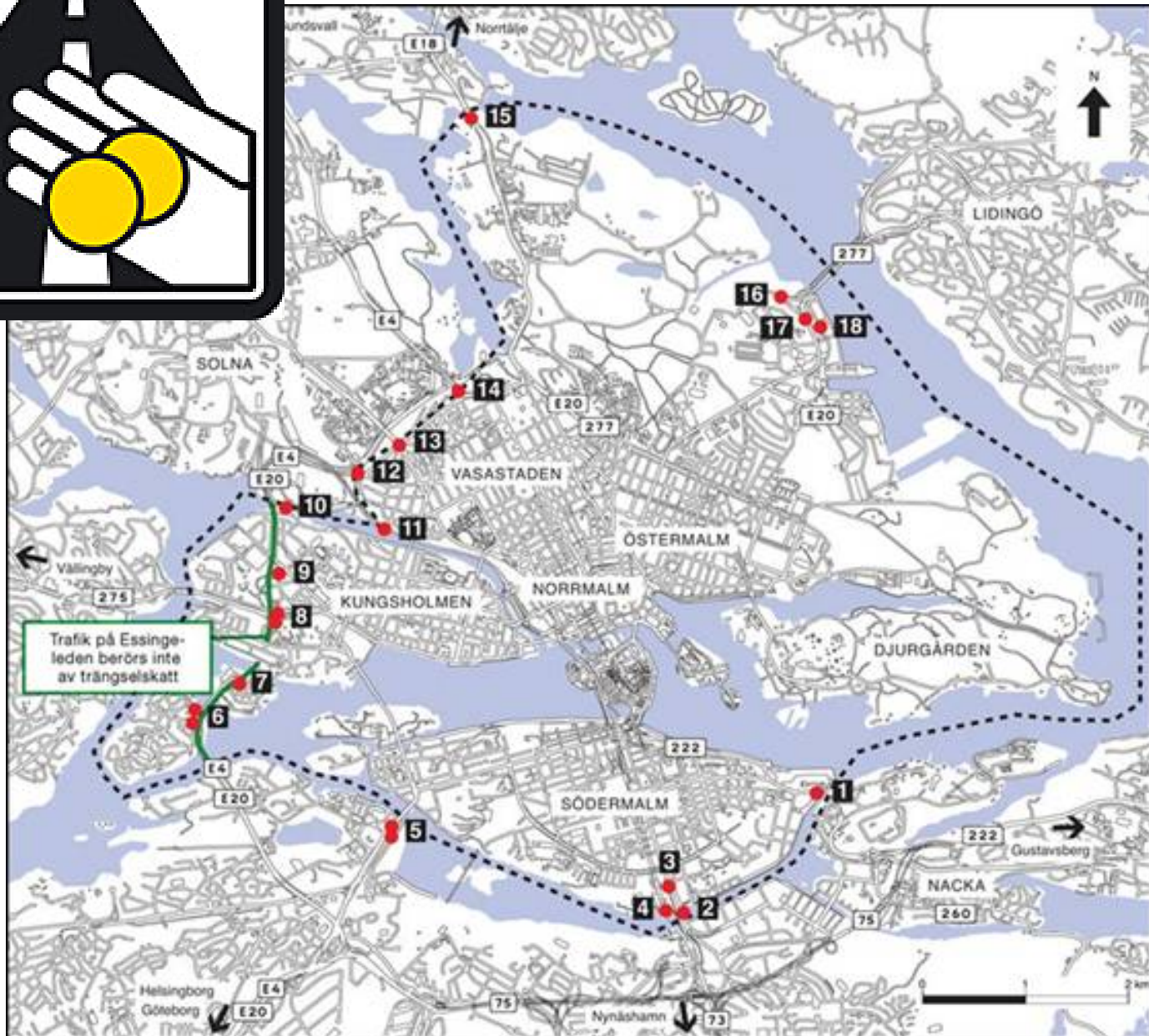
Stockholmsförsöket

I augusti startar försöket med miljöavgifter/trängselskatt och utbyggd kollektivtrafik för mindre köer och bättre miljö.

- **Improved public transport 22 Aug 2005**
- **Congestion charging 3 Jan-31 July 2006**
- **Referendum 17 Sept 2006**
- **Restarted 1 Aug 2007**



Congestion-charging zone



Congestion charges and times

PEAK PERIODS

7.30-8.30 a.m., 4-5.30 p.m. SEK 20 € 2

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 € 1,5

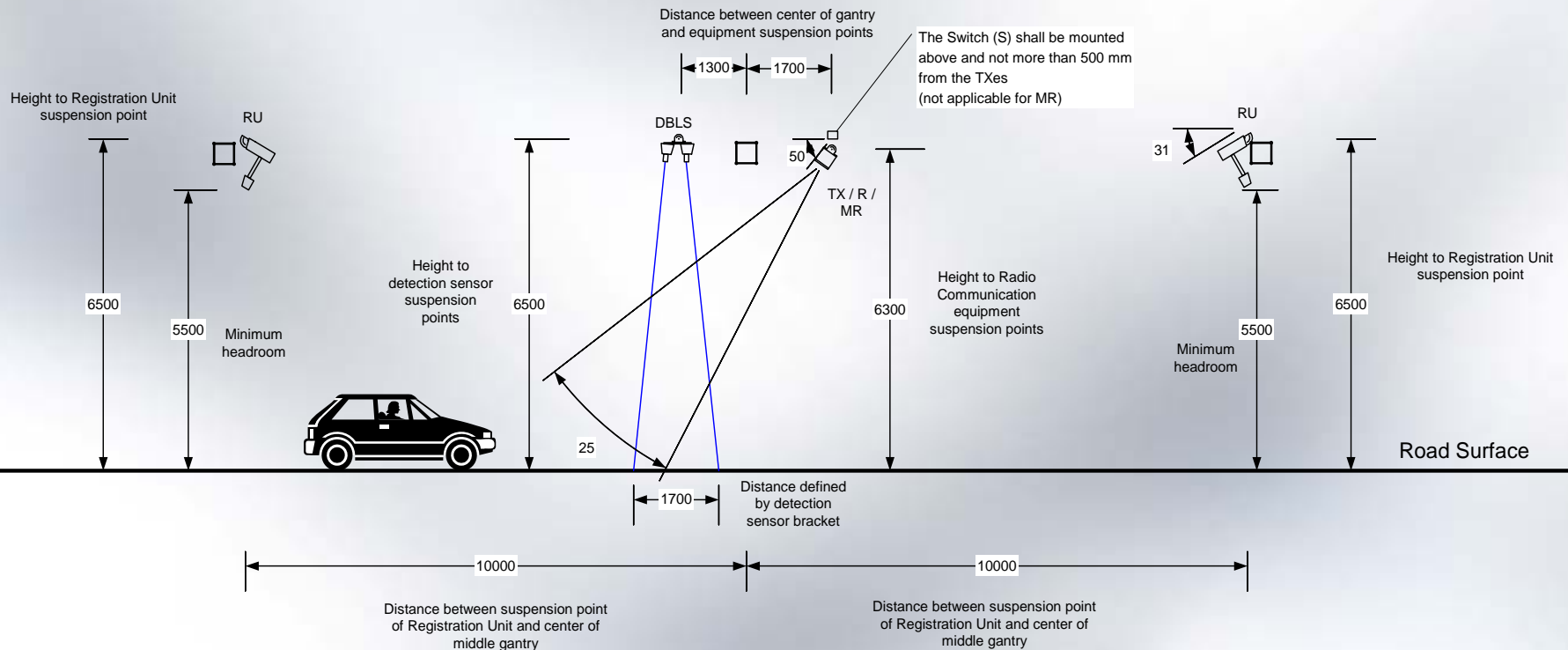
MEDIUM-VOLUME PERIODS

6.30-7 a.m., 9 a.m.-3.30 p.m.
6-6.30 p.m. SEK 10 € 1

MAXIMUM CHARGE: SEK 60/day € 6

Evenings, Saturdays, Sundays, holidays: NO CHARGE

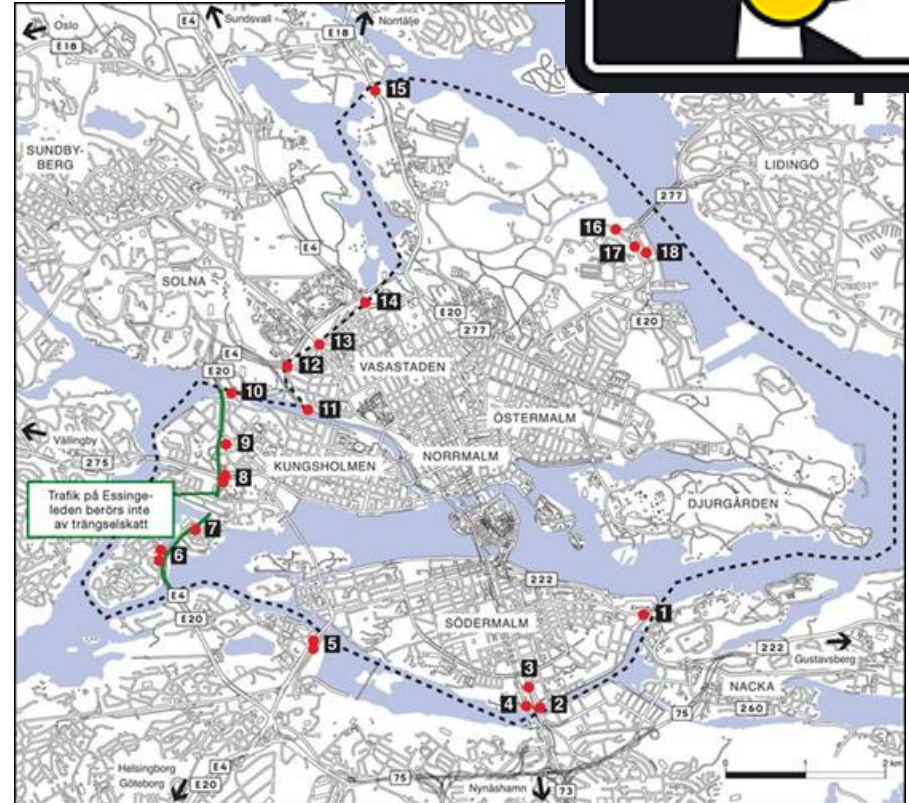
Vehicle identification process



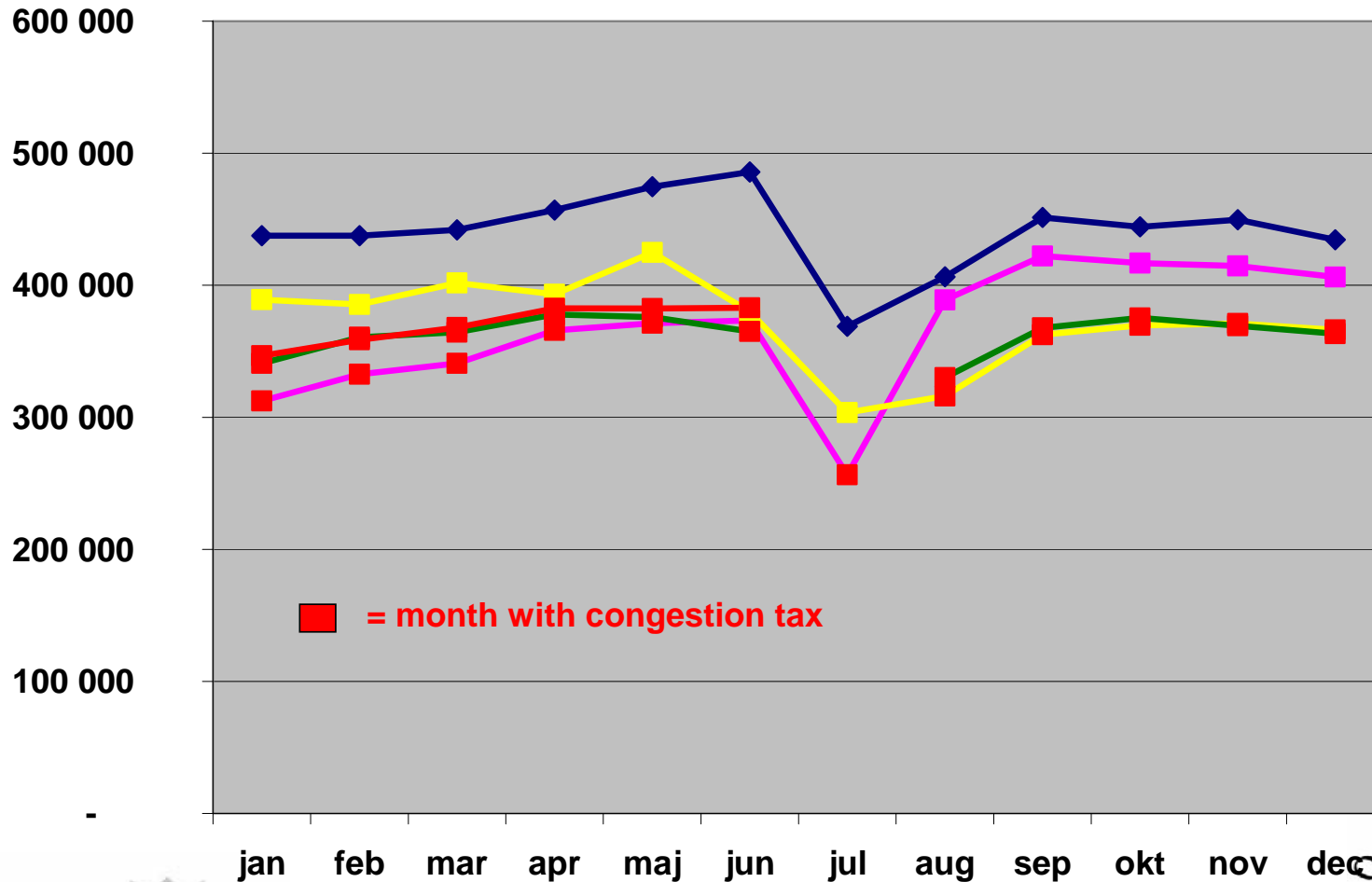
Congestion charges



- 20 % decrease in traffic
- 10 – 14 % decrease of emissions
- 2 – 10 % better air quality
- Less human exposure
- From huge opposition to broad majority in favor

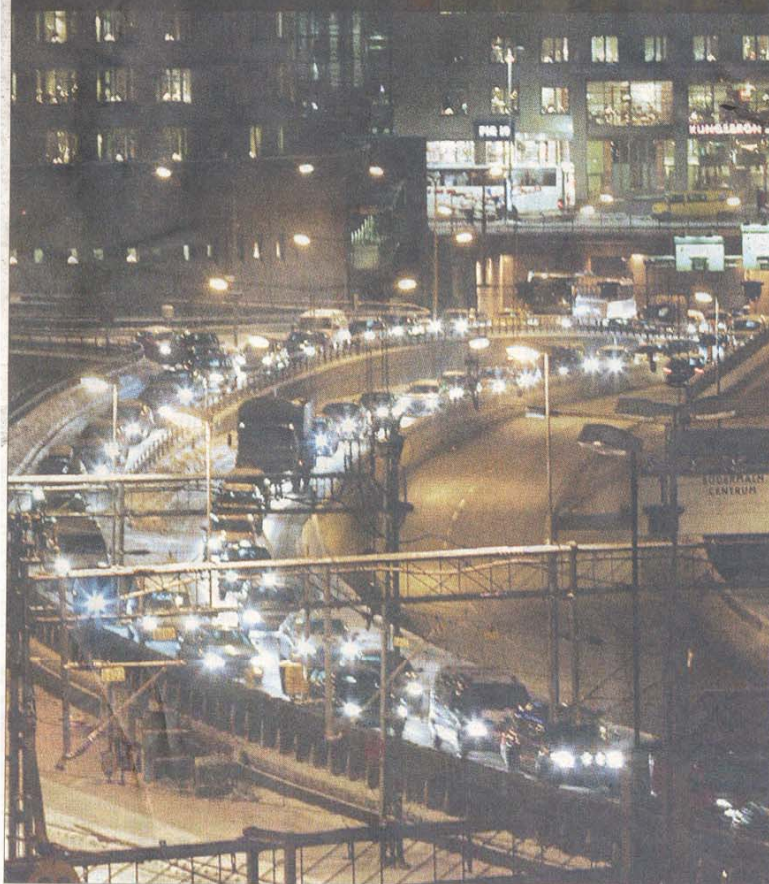


Passages entering/departing the congestion-charging zone 06:00 – 19:00



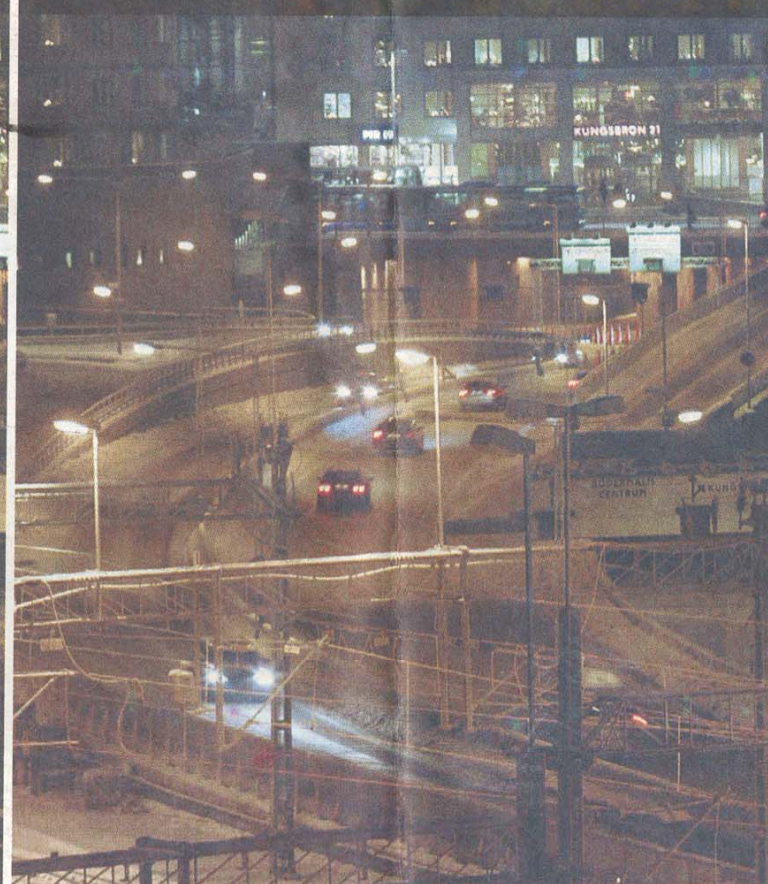
Före

KLARASTRANDSLEDEN 16.30 MÅNDAG 2 JANUARI



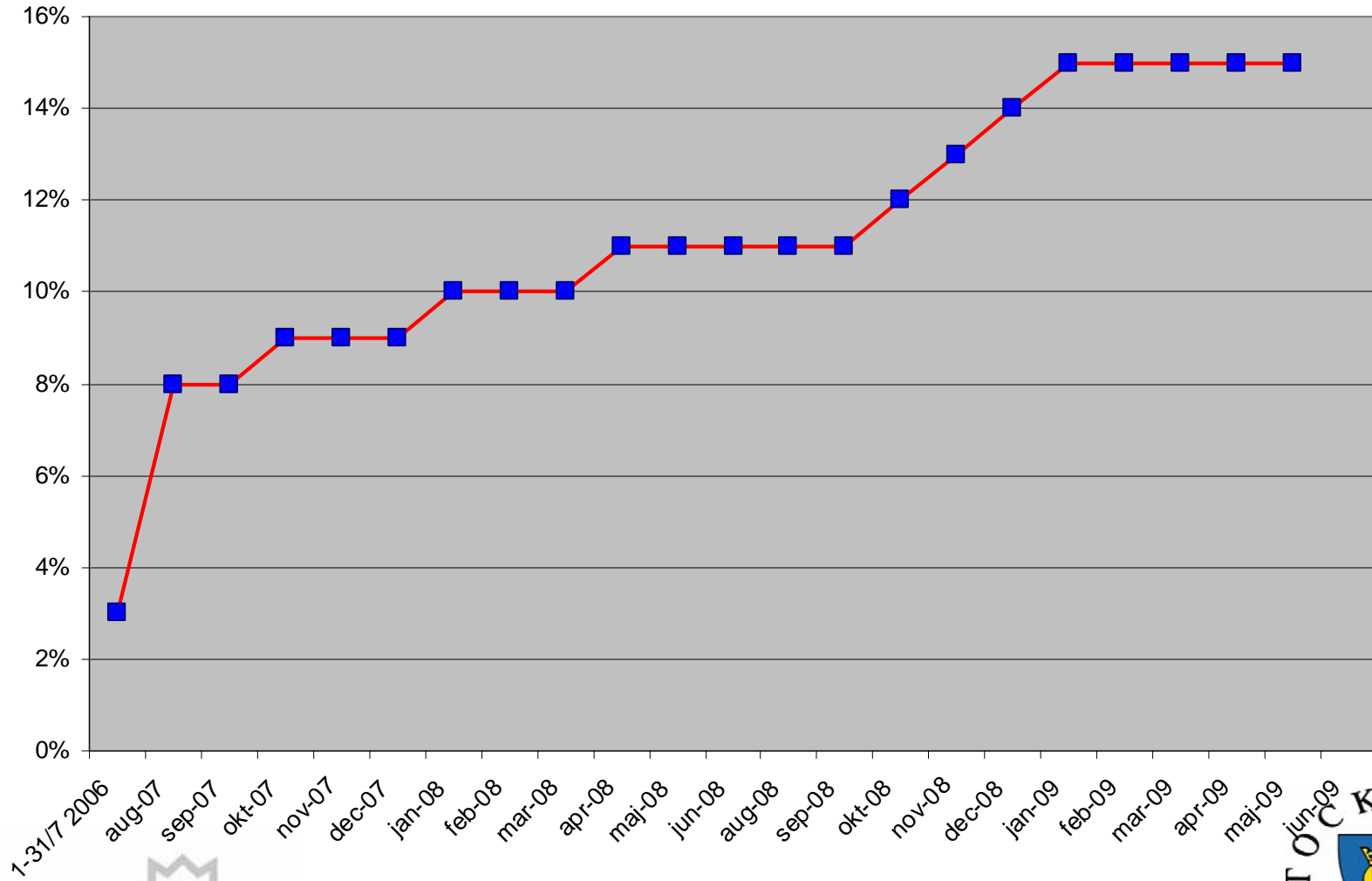
Efter

KLARASTRANDSLEDEN 16.30 TISDAG 3 JANUARI

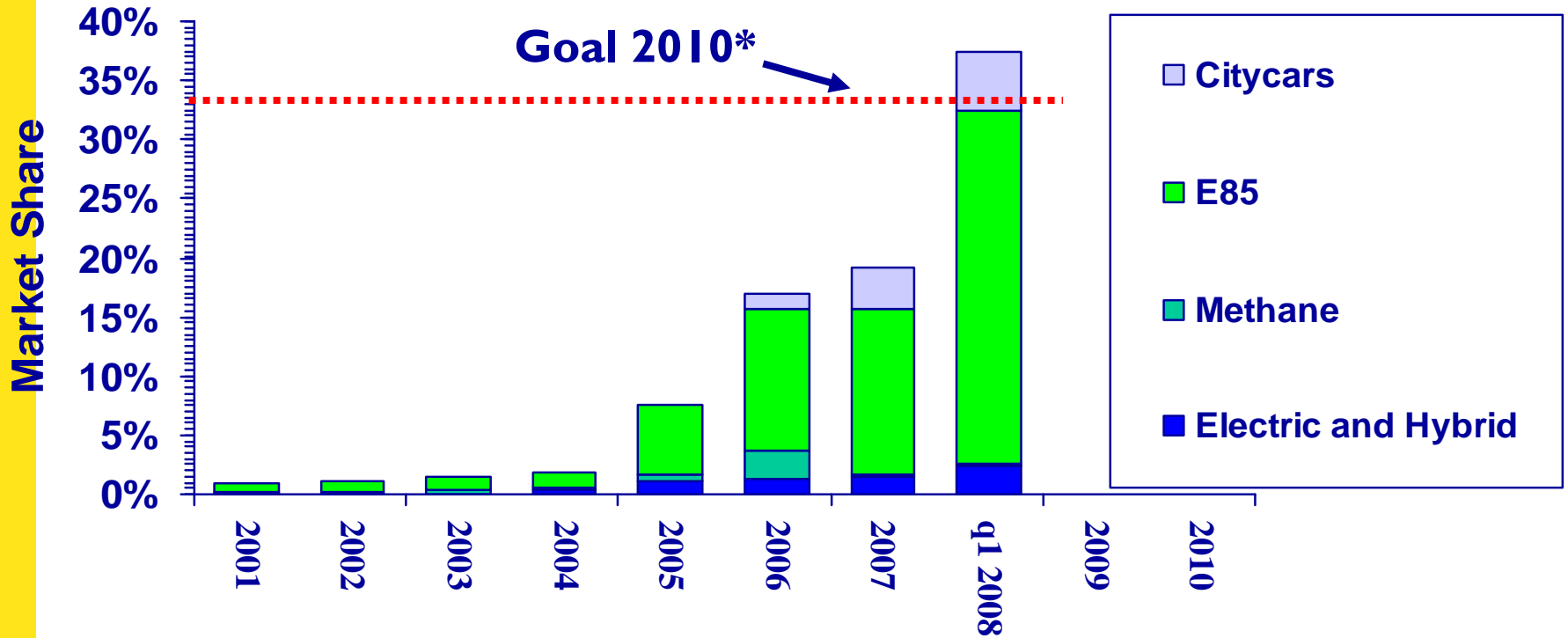


Var fjärde bil försvann

Share of Clean Cars Exempted



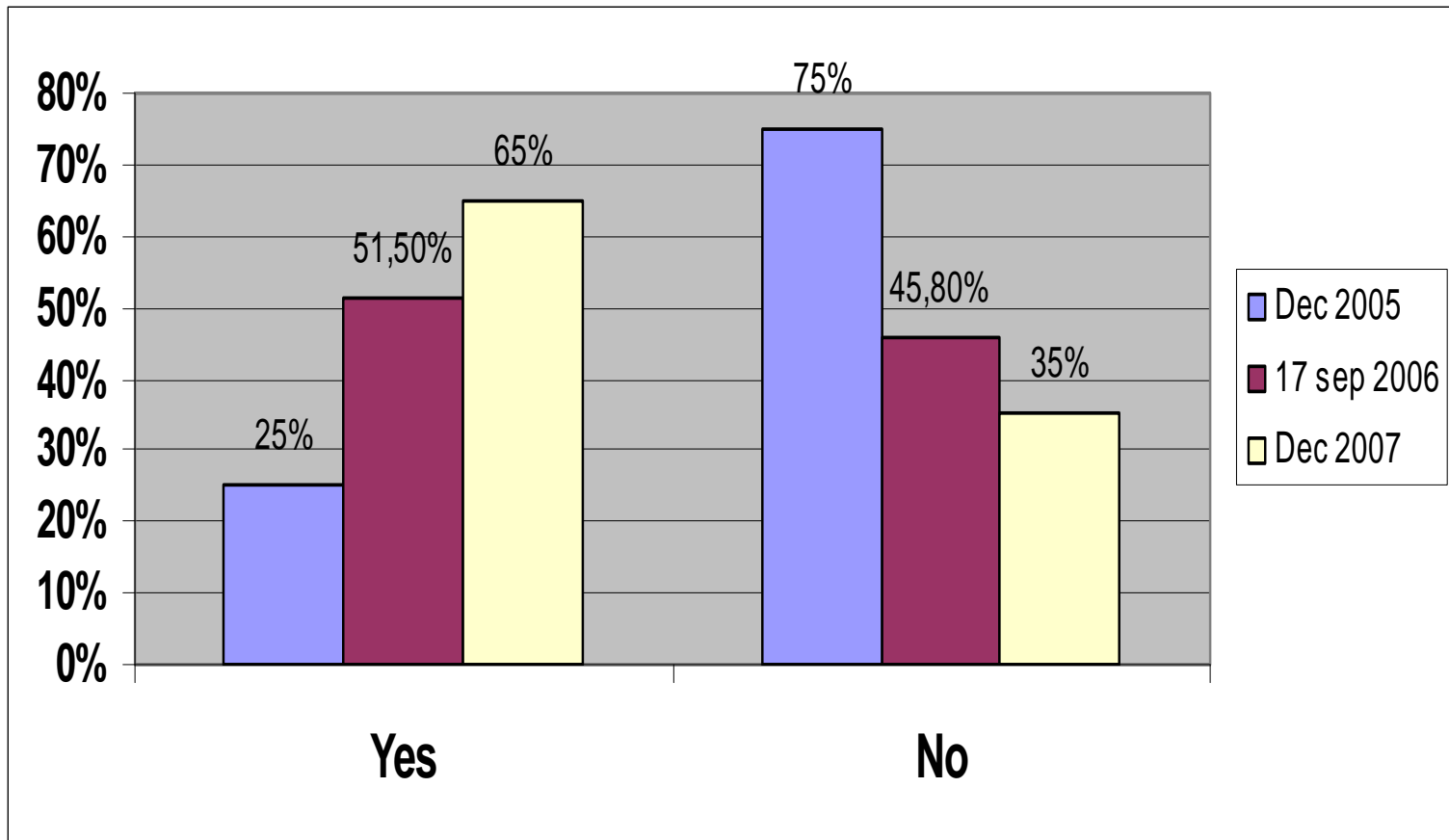
Sales of Clean Vehicles Sweden & Stockholm Region 2001–2008



National goal – all cars fossil free 2030

*(Stockholms Miljöprogram 2008–2011)

Public Opinion 2005 – 2007

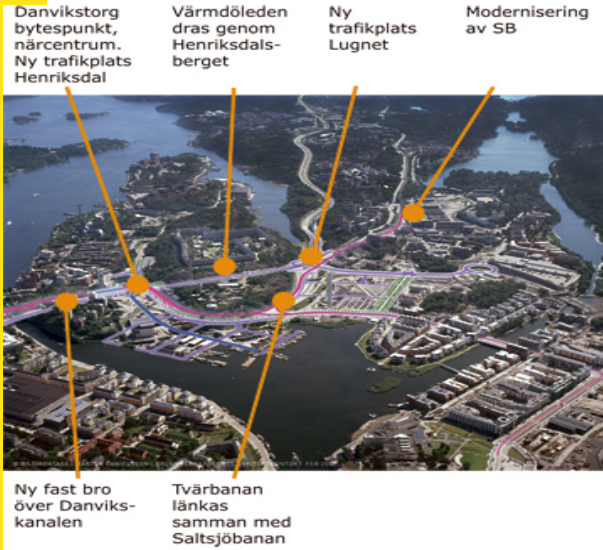


Why was the trial a success?

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



Infrastructure Investments



New tram lines

New commuter train tunnel under the inner city



How can we use information from the congestion tax to improve service to the citizens and the city?

- Traffic measurement
- Traffic information by ITS-solutions
- Air quality supervision
- Better traffic planning





Rick Tomlinson / Volvo Ocean Race

Information on the web:

www.Stockholmsforsoket.se

www.transportstyrelsen.se



www.stockholm.se

