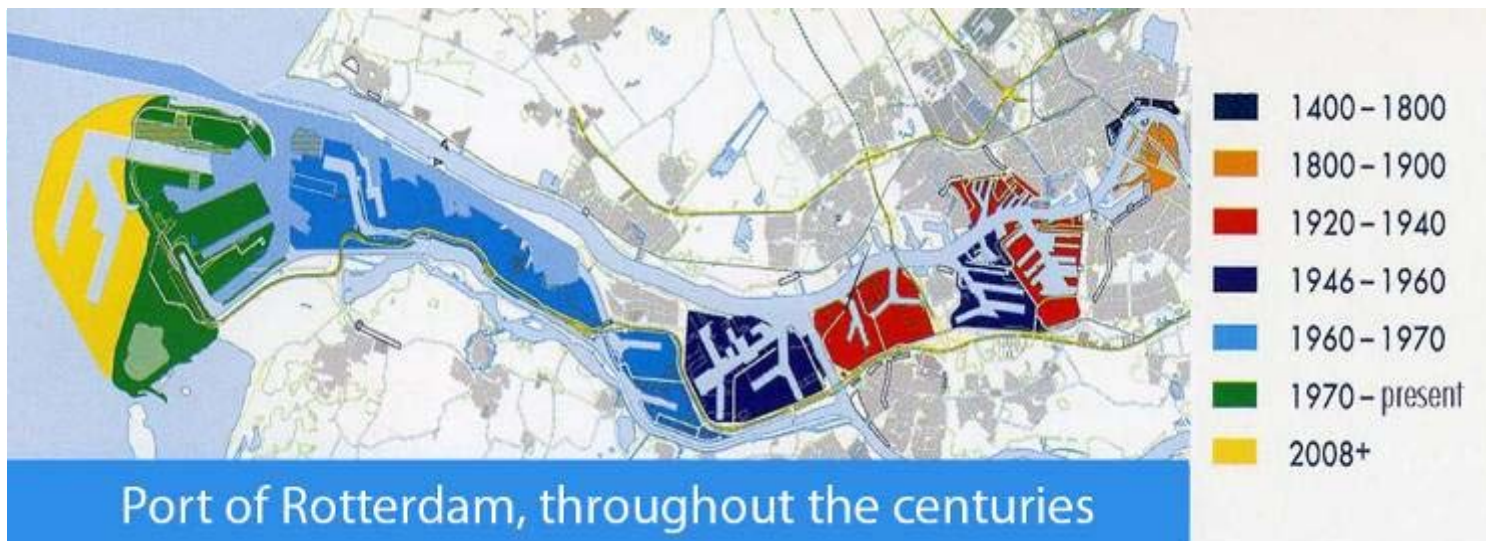




614.000 city inhabitants





14 May 1940



Utrecht



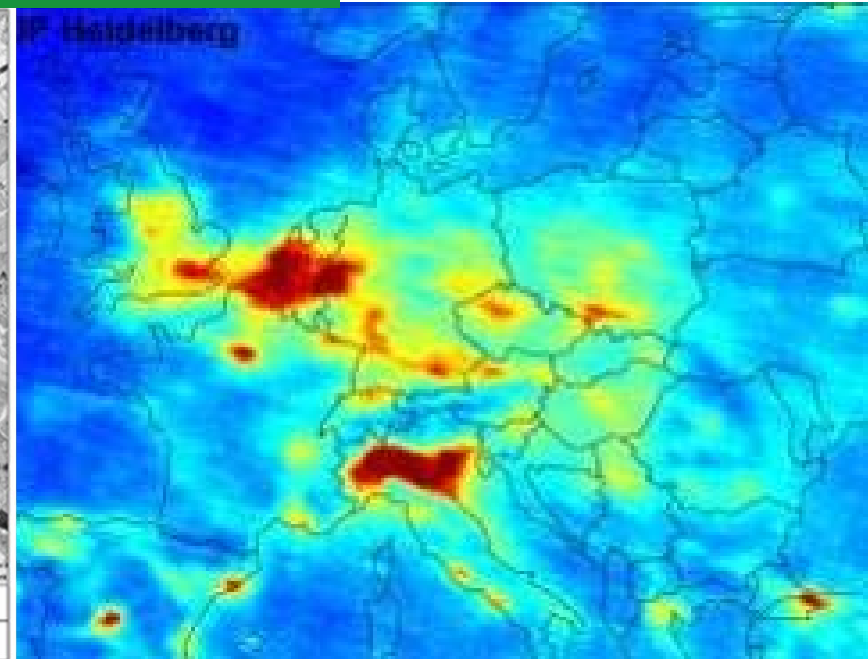
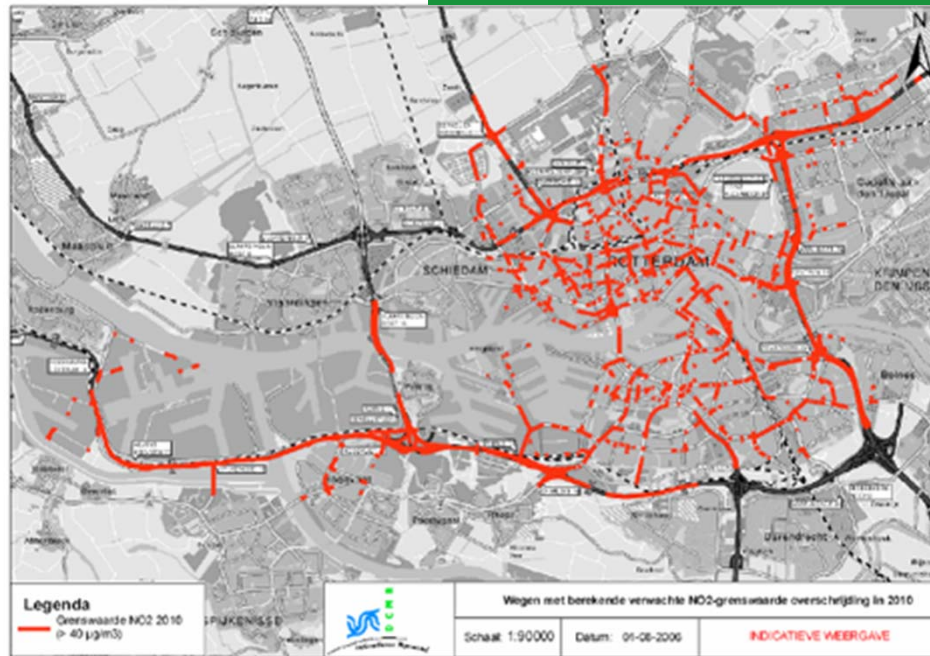
Rotterdam







Urban freight accounts for almost half the emission of harmful substances by mobility









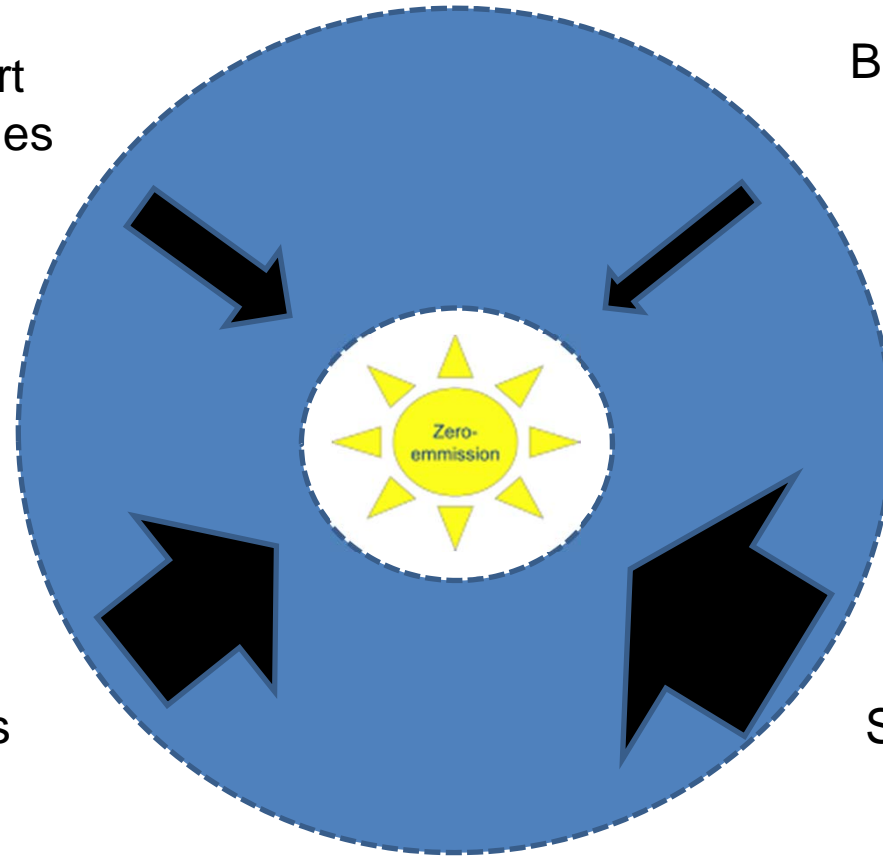
“We go for emission-free urban freight in the city of Rotterdam in 2020”





Transport
companies

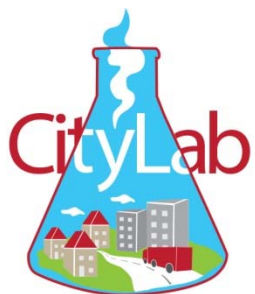
Buyers



Shippers

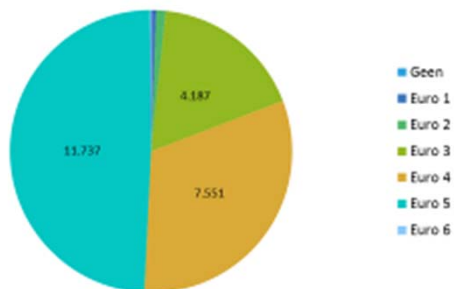
Suppliers



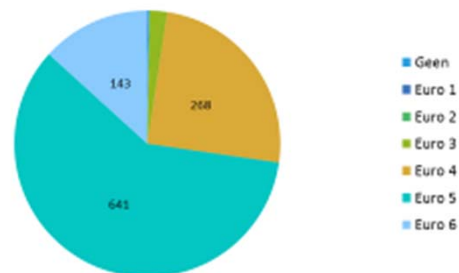


Data collection

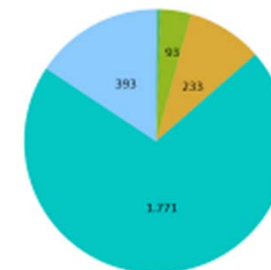
Euroklasse (alle waarnemingen): < 3,5 t



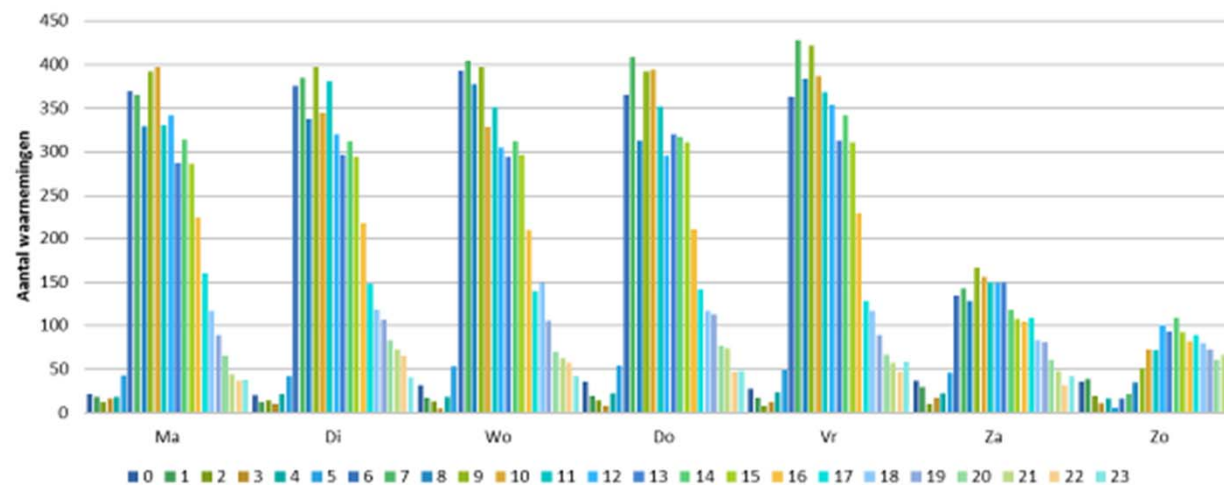
Euroklasse (alle waarnemingen): 3,5 t kg - 12 t

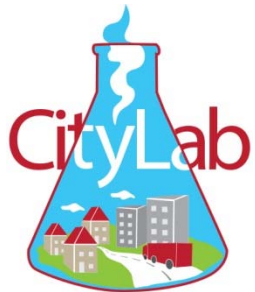


Euroklasse (alle waarnemingen): > 12 t



Alle dagen: Waarnemingen per (a) dag & (b) uur



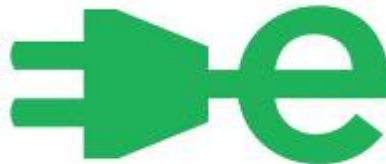


Stadslab dashboard



A. Regulation





Means Privileges :

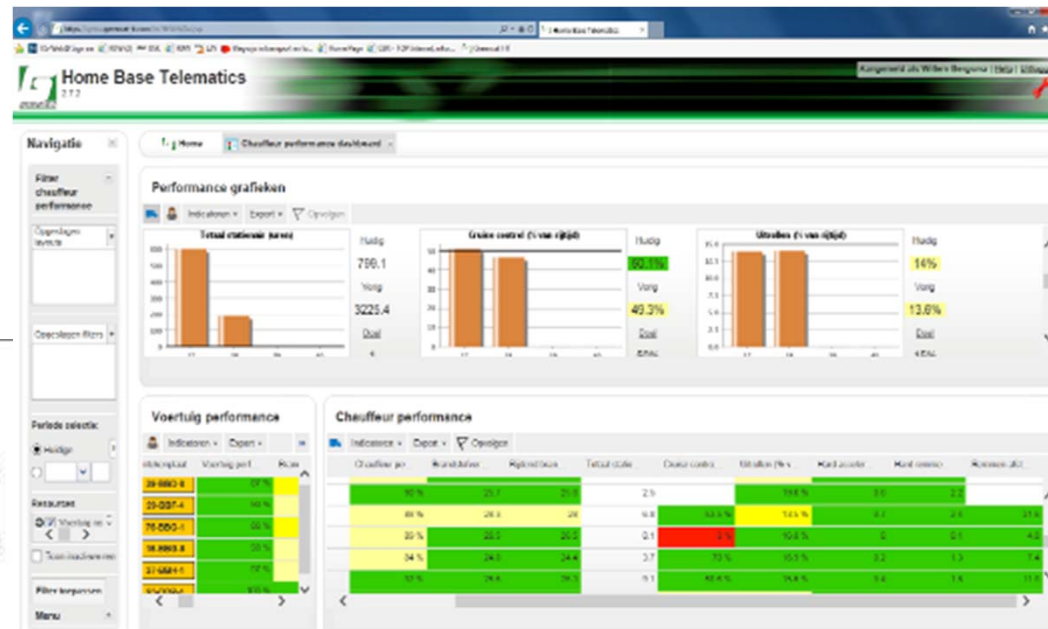
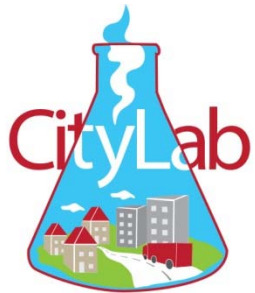
- preferred supplier of transport
- exemptions for access restrictions
- time window restrictions



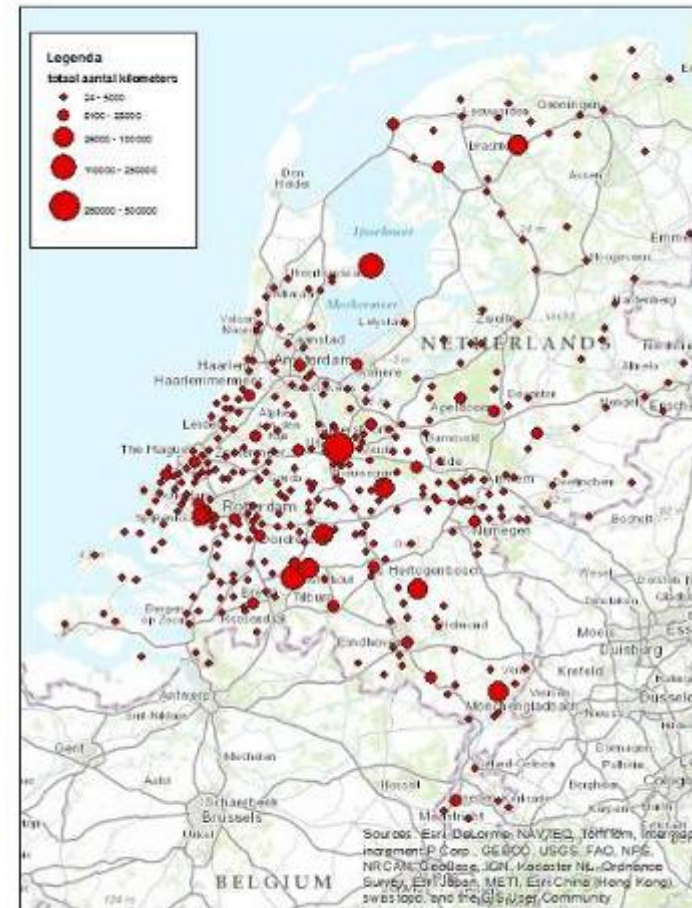
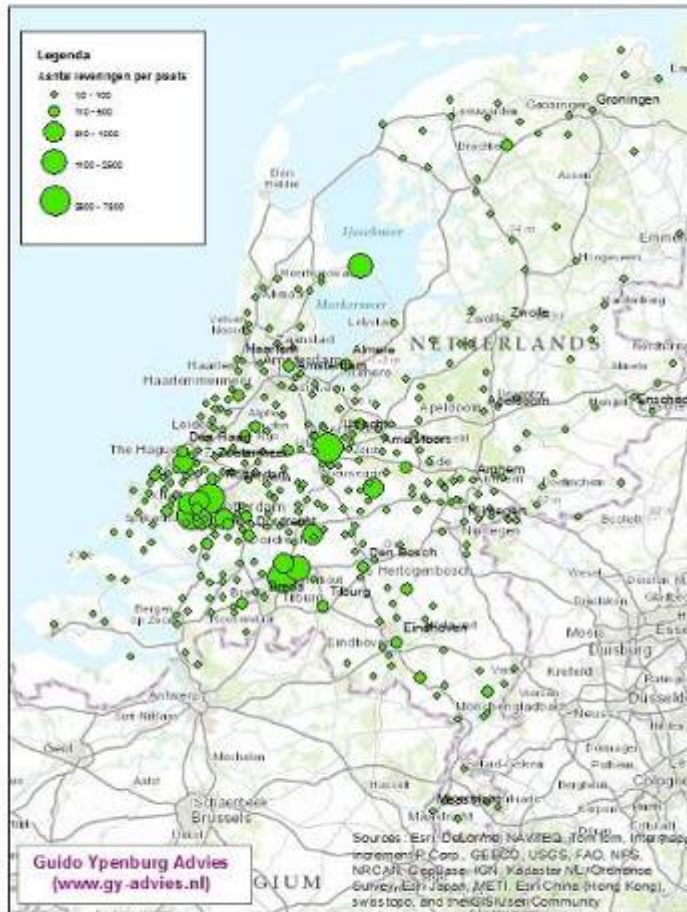


B. Driver Behaviour





C. Logistics





City of Rotterdam

I declare to make a footprint of my procurement and to start a discussion with the supplier to reduce the number of deliveries

John Doe

Mayor Living City





D. Technique

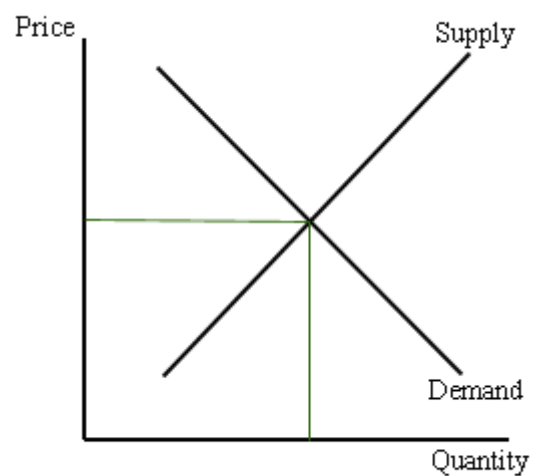


Figure 1.





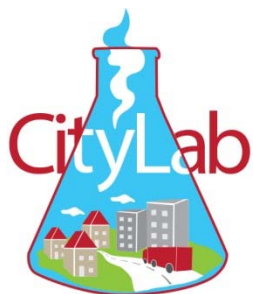
If the technical and financial conditions are met.

Then I would buy
number of electric trucks
within 5 years

John Doe

John Doe Transport Inc.





Contact



Hans Quak (TNO)

Phone +31 6 3179 28 51

Email hans.quak@tno.nl



**Richard van der Wulp
(City of Rotterdam)**

Phone +31 610306659

Email r.vanderwulp@rotterdam.nl



Nina Nesterova (TNO)

Phone +31 6 5280 3769

Email nina.nesterova@tno.nl



Kam Jzi Wong (PostNL)

Phone +31 6 8364 4934

Email kam.jzi.wong@postnl.nl



Tariq van Rooijen (TNO)

Phone +31 6 3179 2877

Email tariq.vanrooijen@tno.nl



www.010greendeal.nl

www.rotterdam.nl

www.tno.nl

www.stadslogistiek.info

