

Lutske Lindeman
City of Rotterdam

8 october 2014

Rotterdam programme on 'Sustainable mobility & electric vehicles'

Rotterdam
electric 



Introduction to Rotterdam



**614.000 Inhabitants, 1.200.000 in the region
nr. 1 port of Europe**



Rotterdam 1880



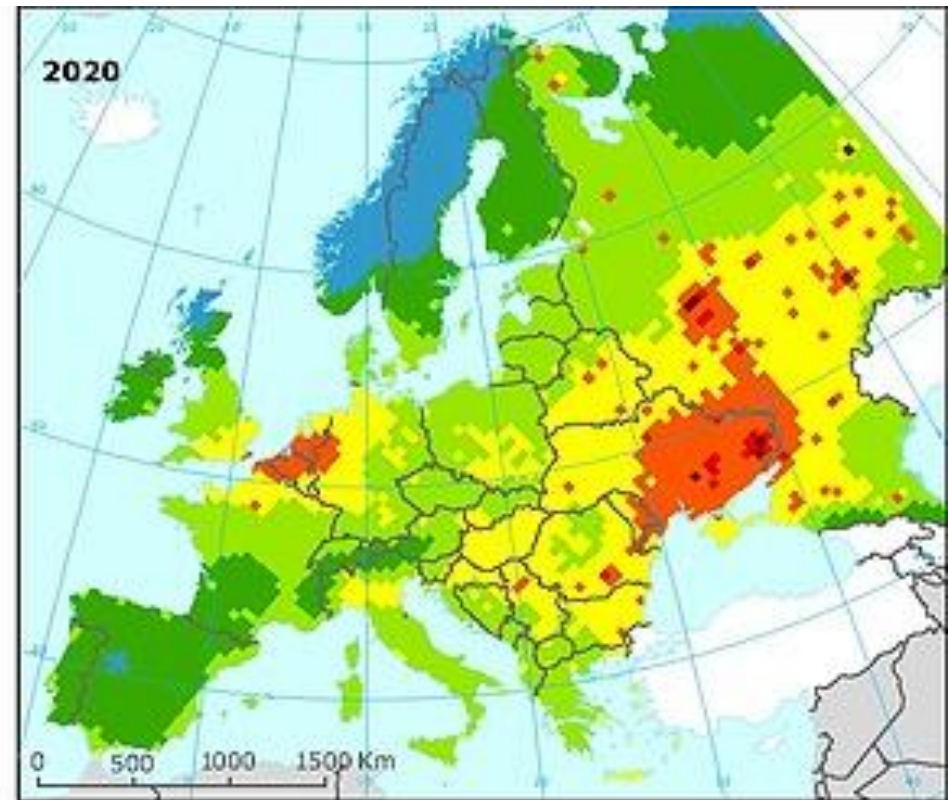
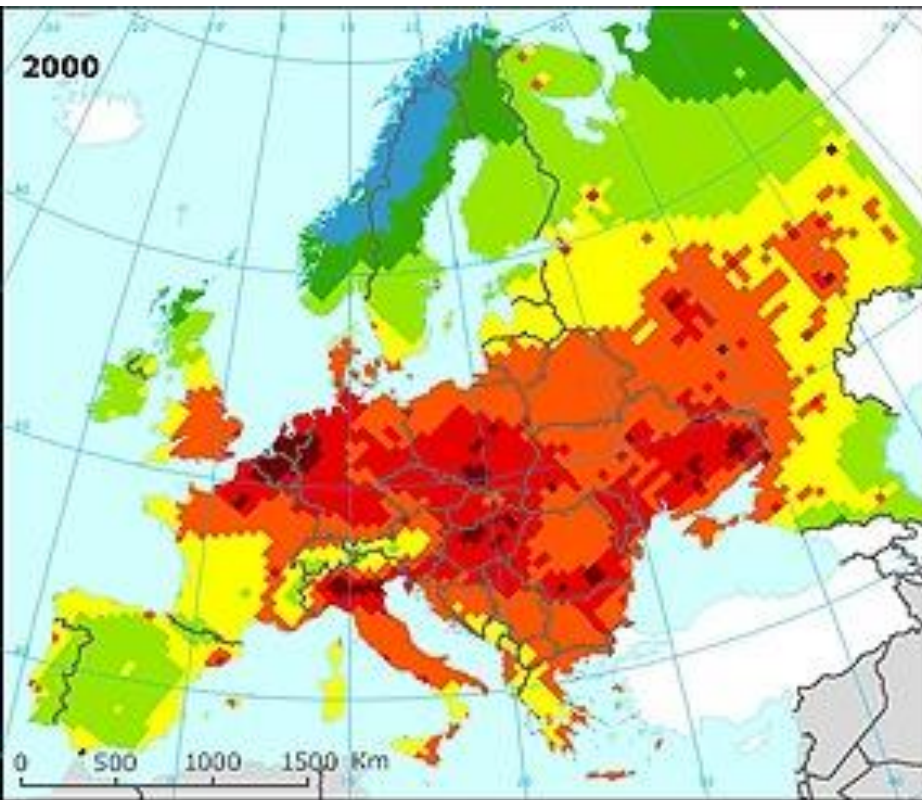
Rotterdam 1996



Rotterdam 2014



Air pollution



Loss in statistical life expectancy that can be attributed to man-made emissions of $PM_{2.5}$

Months 0-1 1-2 2-4 4-6 6-9 9-12 12-36 Outside report coverage



Sustainable mobility

Clean use

Clean vehicles

Clean fuels



Pedestrian areas and connections



Cycling network



Parking strategy



P+R



P+W



Public Transport (Rotterdams subway)

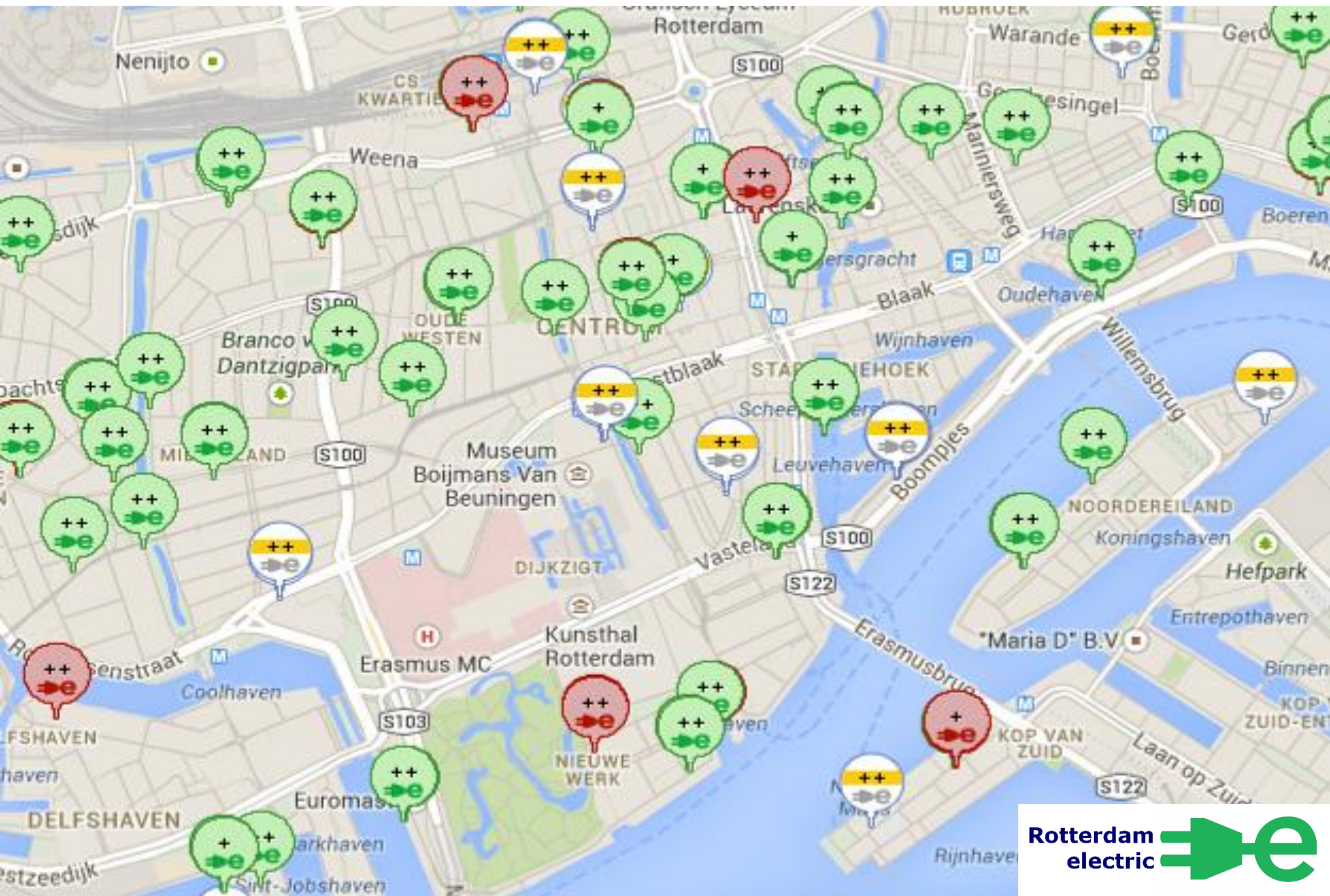




Rotterdam electric



Charging points



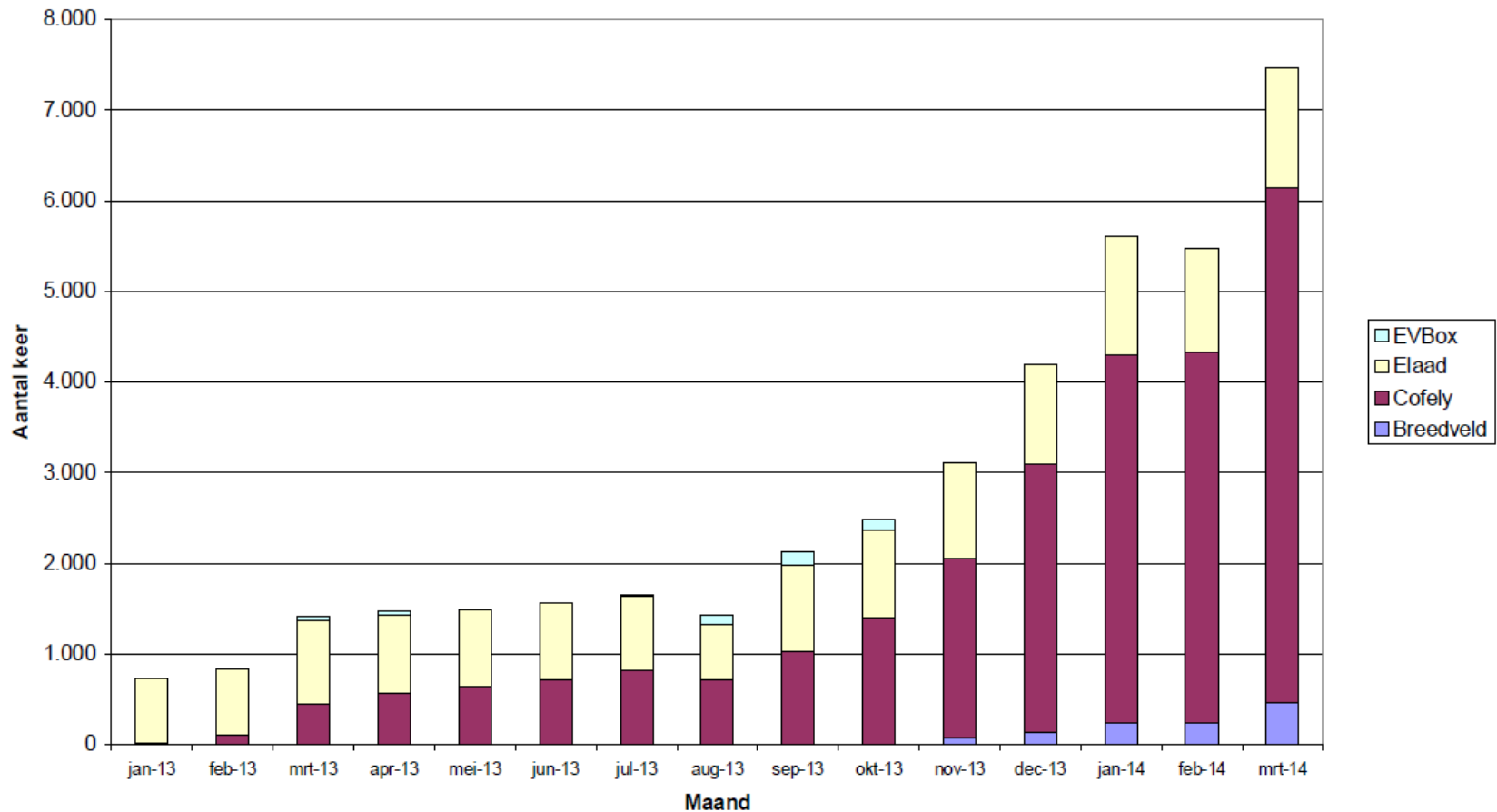
Usage of charging infrastructure

Ambition: 1000

now: 1000+

end 2014: 1650

Aantal keren gebruik oplaadpalen Rotterdam



Effects of charging points

	2013	Q1-2014
kWh	422.000	267.000
km	2.110.000	1.337.000
CO ₂	311 tons	231 tons
NO _x	538 kg	341 kg
PM ₁₀	5,3 kg	3,3 kg

Charging infrastructure reduces pollution



Zero-emission distribution



Zero emission taxi



Zero emission bus

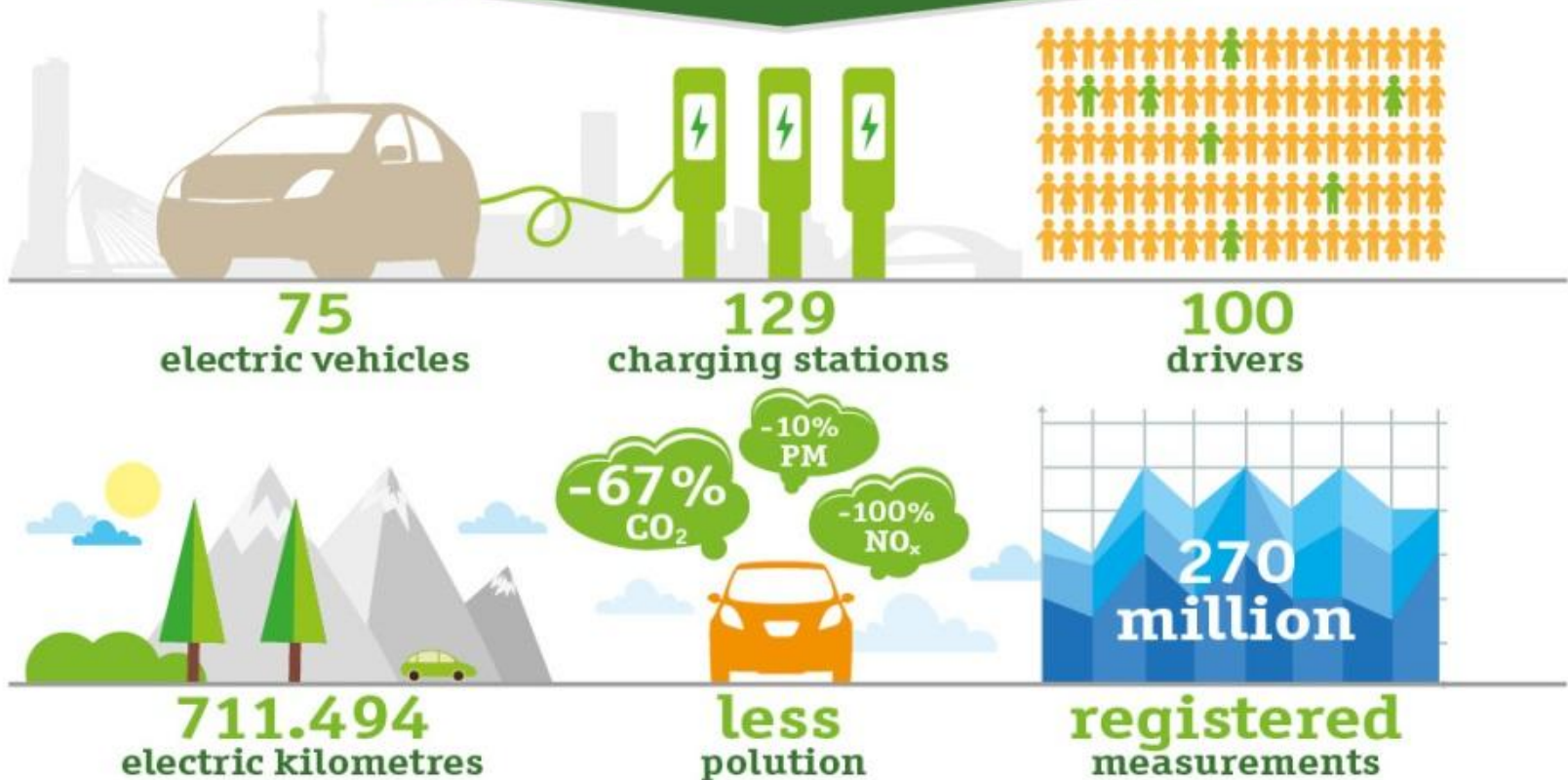


Rotterdam Tests Electric Vehicles



**Rotterdam Tests
Electric Vehicles**

**from april 1st 2012 to april 1st 2013
we tested the following:**



Electric Vehicle Center (HNR | EVC)



Communications and lobby

City branding	in 2013 1.168 media coverings visits from USA, Canada, EU, NL nominations Awards
EU Partners	LIFE, TIDE, Clean Fleets, Polis, Hyer, EEO sharing of knowledge and lobby
Collaboration	NKL, national vision on fuels, G4, focusareas, FET





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**Rotterdam
electric** 

