

Citizens are driving the change – time to use the potential!

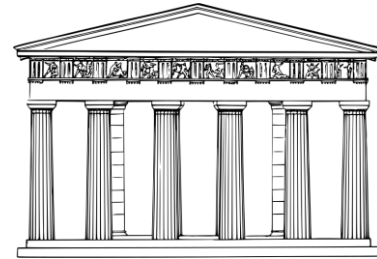
**CAPTOR International Conference
Jens Müller, Diesel & Air Quality Coordinator**

Milan, 15 November 2018

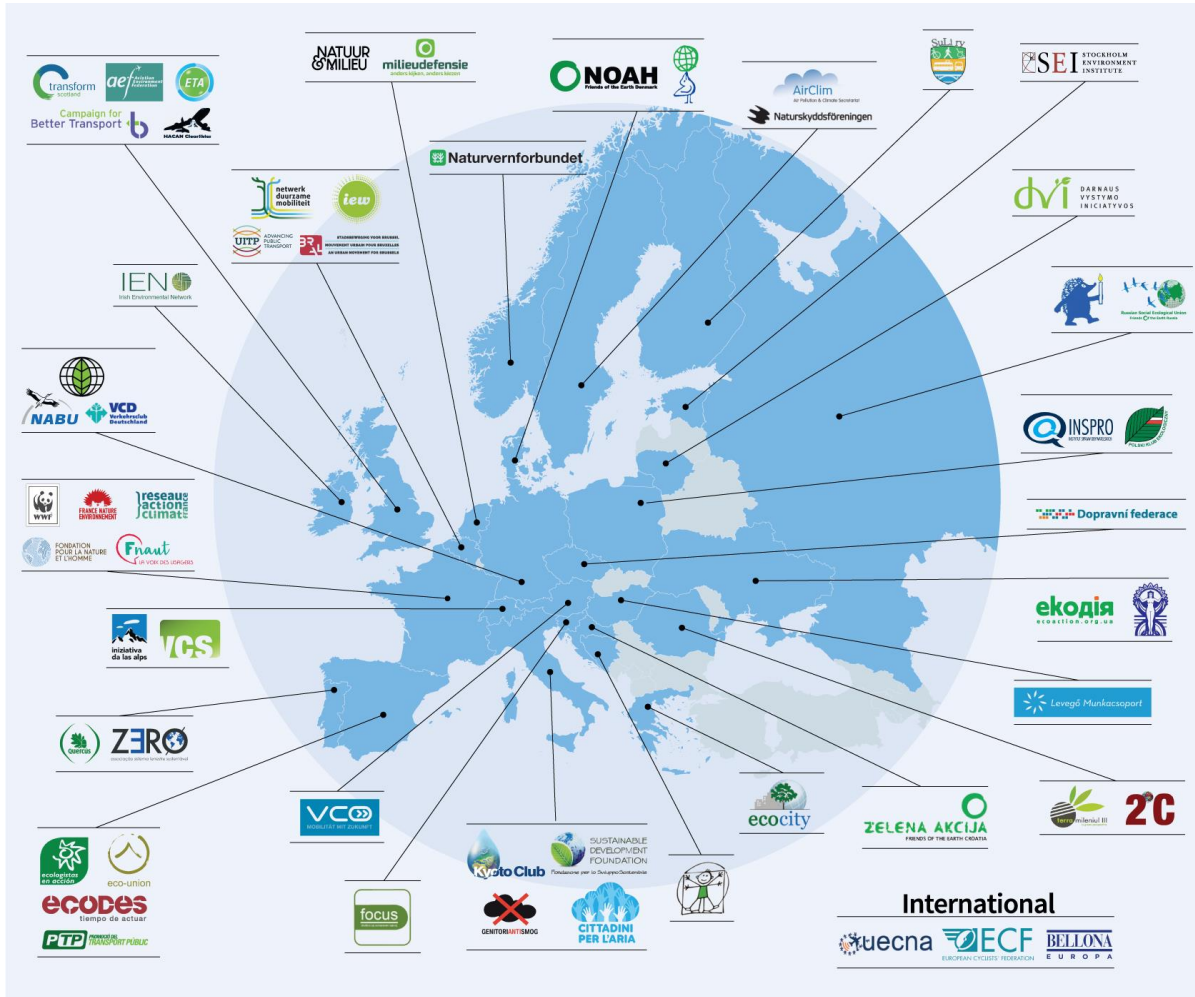
The story of art and law



Citizens vs. science & authorities?



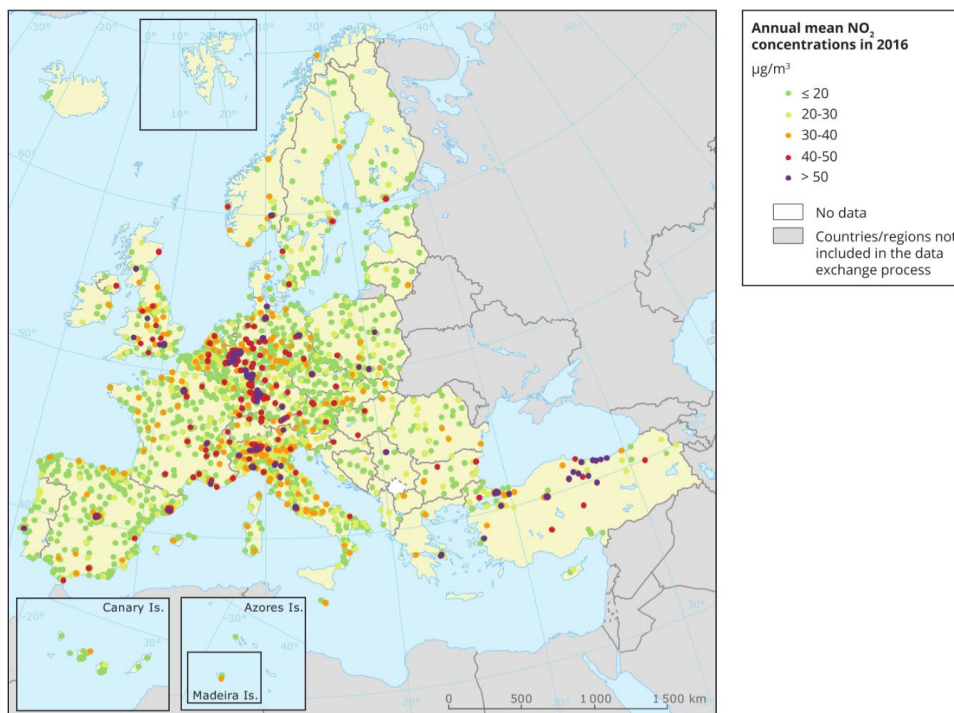
Let me share a European perspective



TRANSPORT & ENVIRONMENT

There's a problem to fix together

Map 6.1 Concentrations of NO₂, 2016



Notes: Observed concentrations of NO₂ in 2016. Dots in the last two colour categories correspond to values above the EU annual limit value and the WHO AQG (40 µg/m³). Only stations with more than 75 % of valid data have been included in the map. The French overseas territories' stations are not shown in the map but can be found at <https://www.eea.europa.eu/data-and-maps/dashboards/air-quality-statistics>

Source: EEA, 2018a.

- Major improvements since 1990's
- But still at unsafe levels in many cities:
 - NO₂: ~ 80,000 premature deaths/year
 - PM: ~400,000/year

The more we know, the more to worry

News

Time to act: air pollution is damaging our brains as well as our lungs

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XIAOBO ZHANG



17 OCTOBER 2018 • 4:40PM

Air pollution is the 'new tobacco', warns WHO head

Exclusive: Simple act of breathing is killing 7 million people a year and harming billions more, but 'a smog of complacency pervades the planet', says Dr Tedros Adhanom

● Dr Tedros Adhanom Ghebreyesus: Air pollution is the new tobacco. Time to tackle this epidemic



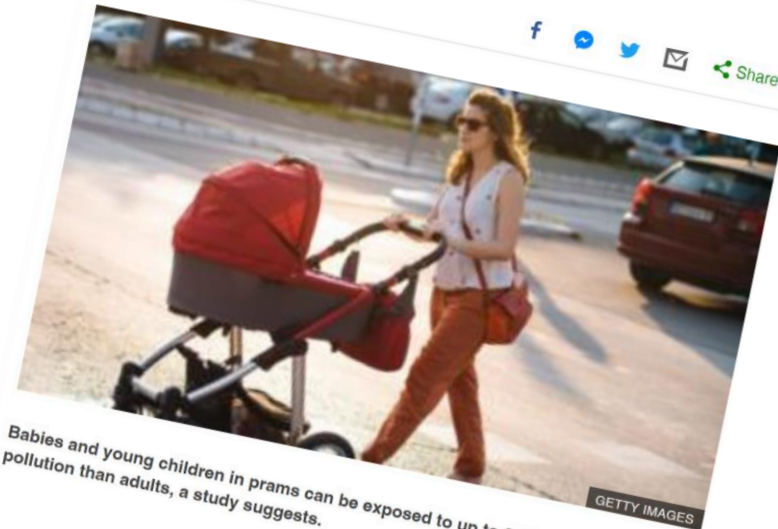
▲ Dr Tedros Adhanom Ghebreyesus speaks at a press conference in 2017. Photograph: Fabrice Coffrini/AFP/Getty Images

Babies in prams 'exposed to more pollution'

By Alex Therrien
Health reporter, BBC News

14 August 2018

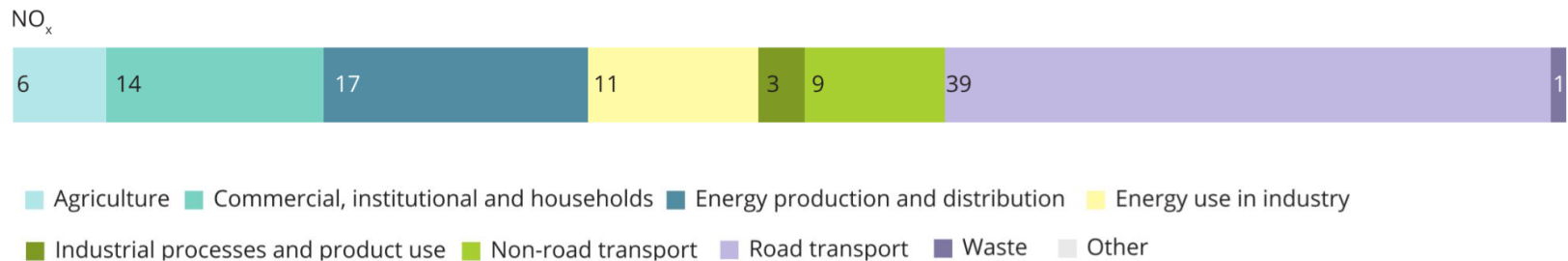
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Babies and young children in prams can be exposed to up to 60% more pollution than adults, a study suggests.

GETTY IMAGES

It's a lot about road transport

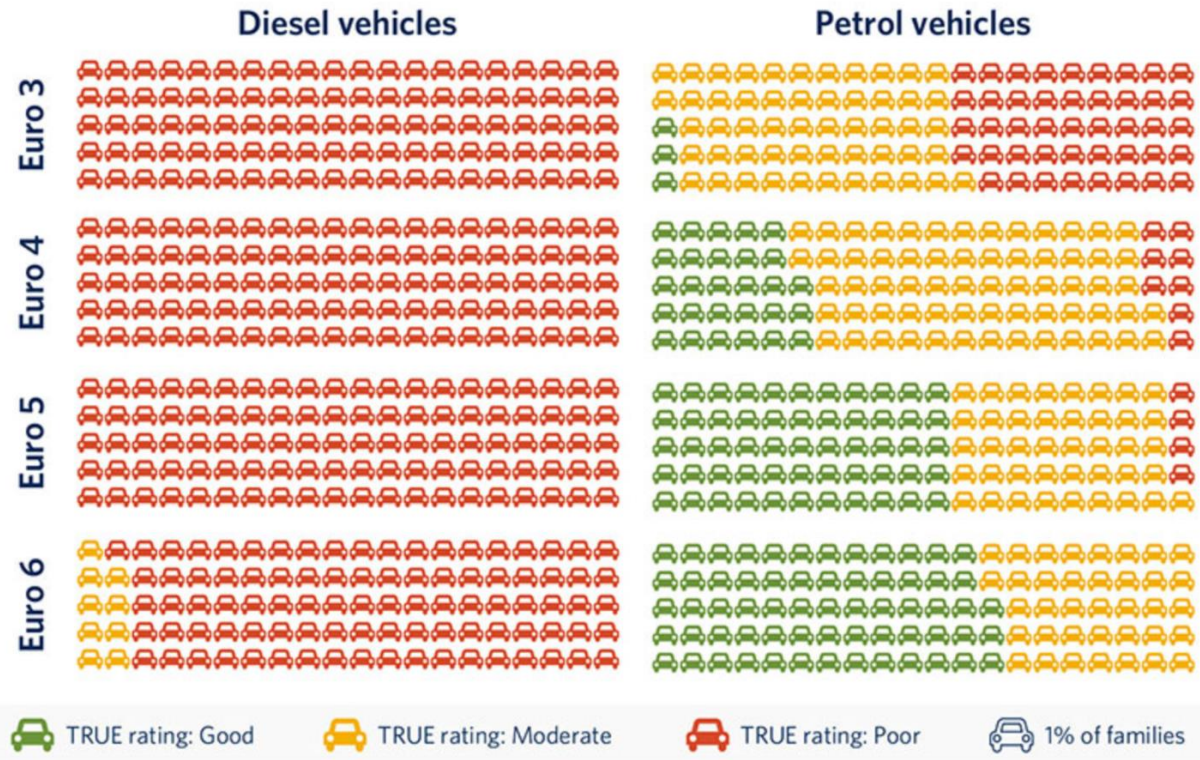


Sources: EEA, 2018c, 2018e.

But new diesels are clean, right?

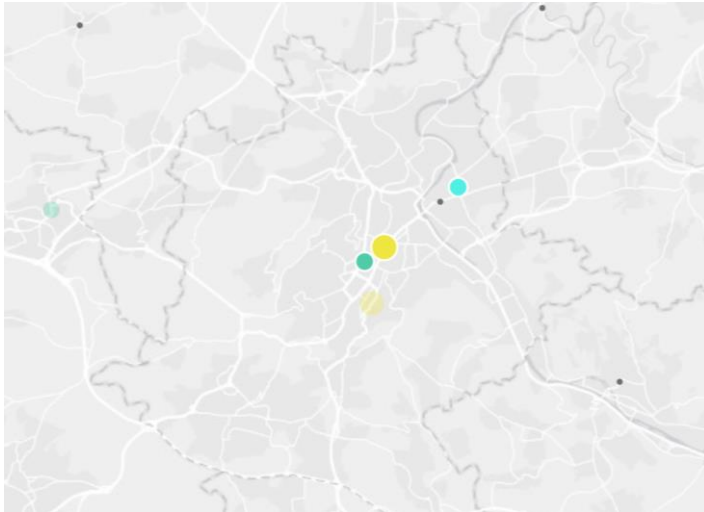


Euro 3 to 6 ratings. x

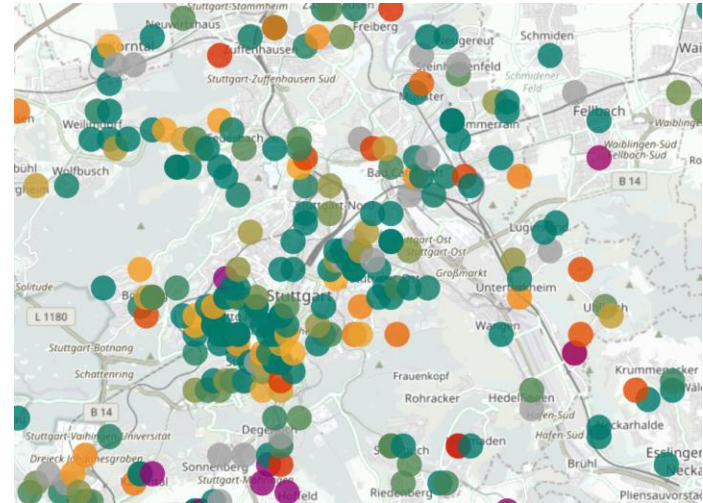


Source: TRUE initiative, published June 2018

Don't we have enough data?

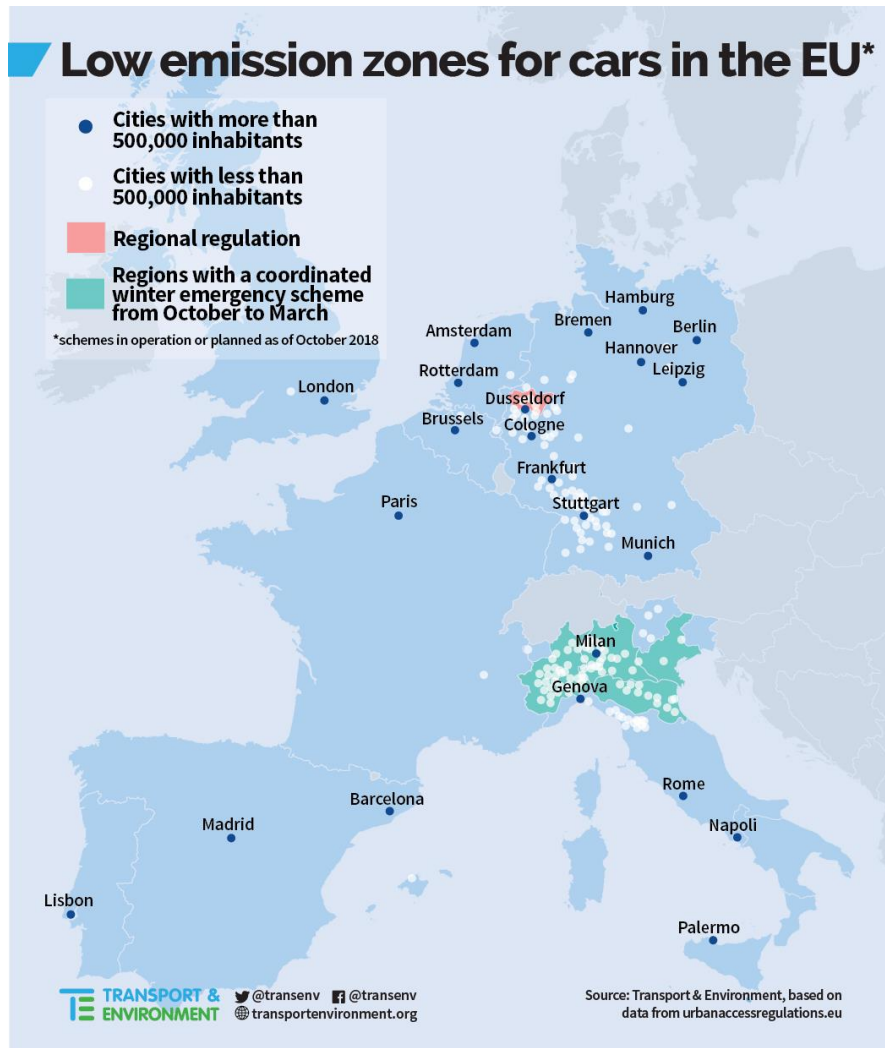


Stuttgart area (DE): official measurements on EEA website



Stuttgart area (DE): Lufdaten citizen science in real-time

Cities are leading the way

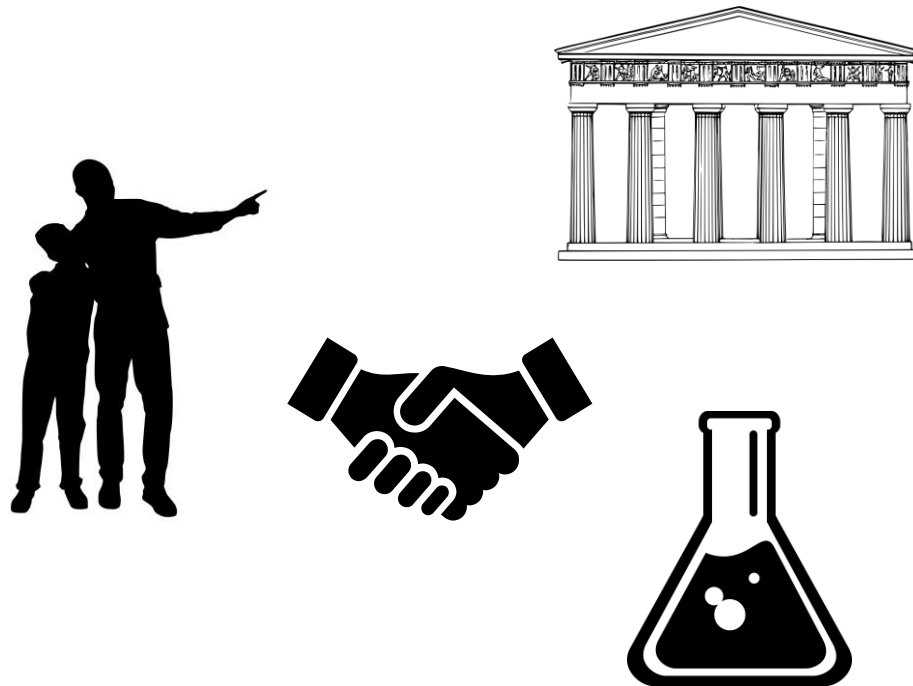


Now more than 250 low-emission zones for cars in the EU

Citizens are driving the change



Citizens vs. science & authorities?



Citizens vs. science & authorities?



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Les mesures des stations B006 (Parlement Européen) et B008 (Bélliard) à Bruxelles sont à nouveau consultables en ligne. La gestion est assurée par #ETS pour le @EUparliament. @BruxellesEnv irceline.be.



2. Okt. 2018



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De meetresultaten van stations B006 (EU-parlement) en B008 (Belliard) in Brussel zijn terug online te raadplegen. Uitbating gebeurt door #ETS in opdracht van het @EUparliament. @LeefmilieuBru irceline.be.



2. Okt. 2018

Thank you!

Jens Müller
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Transport & Environment

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