

The Real Urban Emissions Initiative (TRUE)

Sheila Watson Deputy-Director, FIA Foundation London, June 7th, 2018







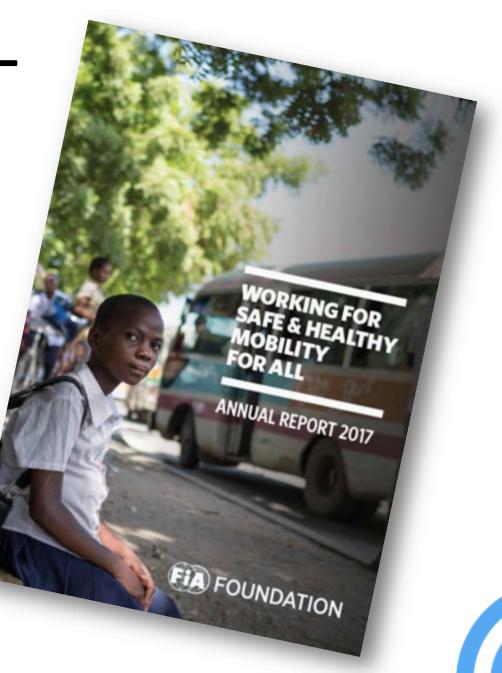




'Safe, clean, fair & green' – catalytic partnerships:

- Evidence
- Capacity-building
- Practical
- Advocacy





Dieselgate

In May 2014, the ICCT exposed that two VW U.S. diesel cars tested in real world conditions exceeded Nox standards by 5x -35x.

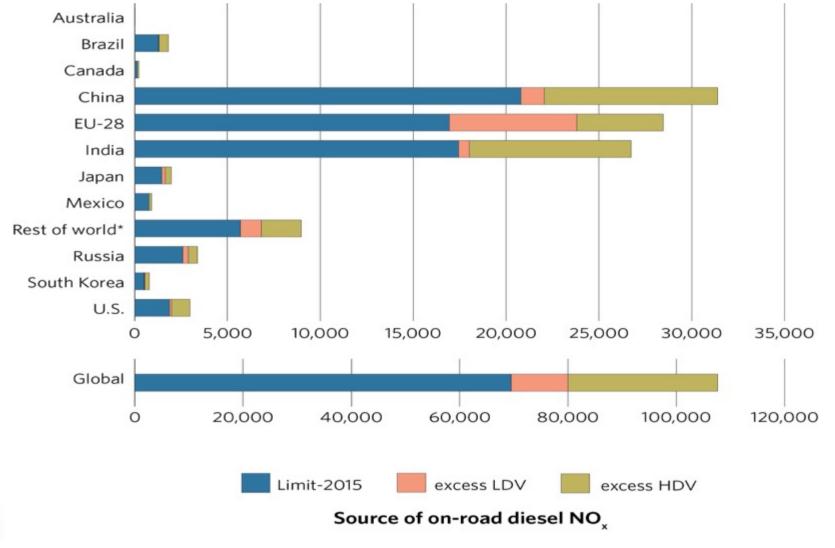
Culminated in civil and criminal penalties of more than \$20 billion.

FIA Foundation hosted seminar of leading experts in 2016 – concluded 'independent checks' were essential



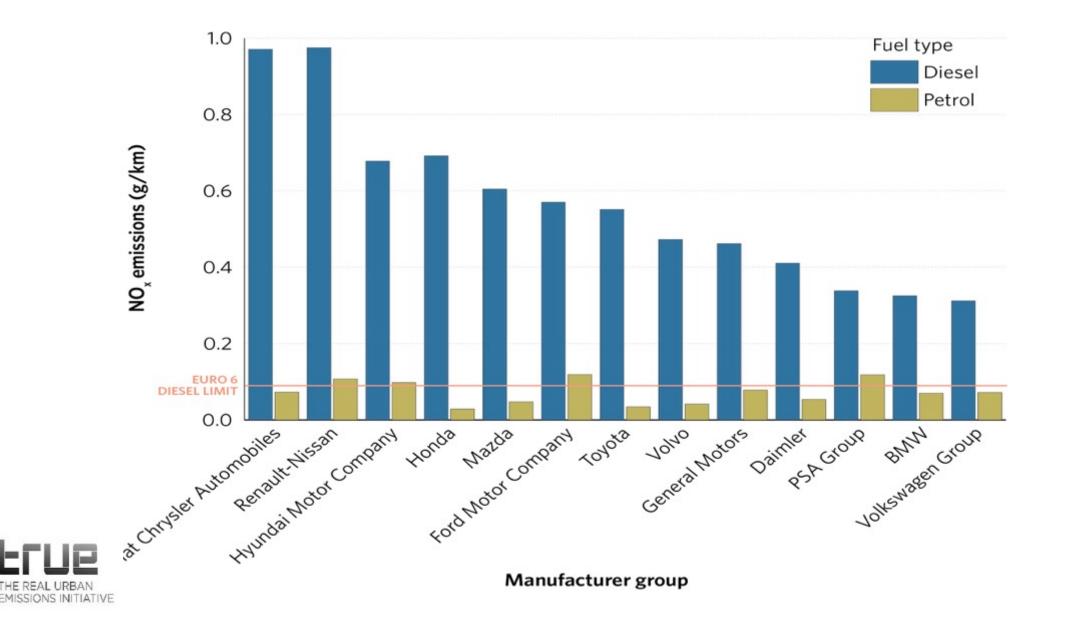


Problems throughout the diesel fleet - global

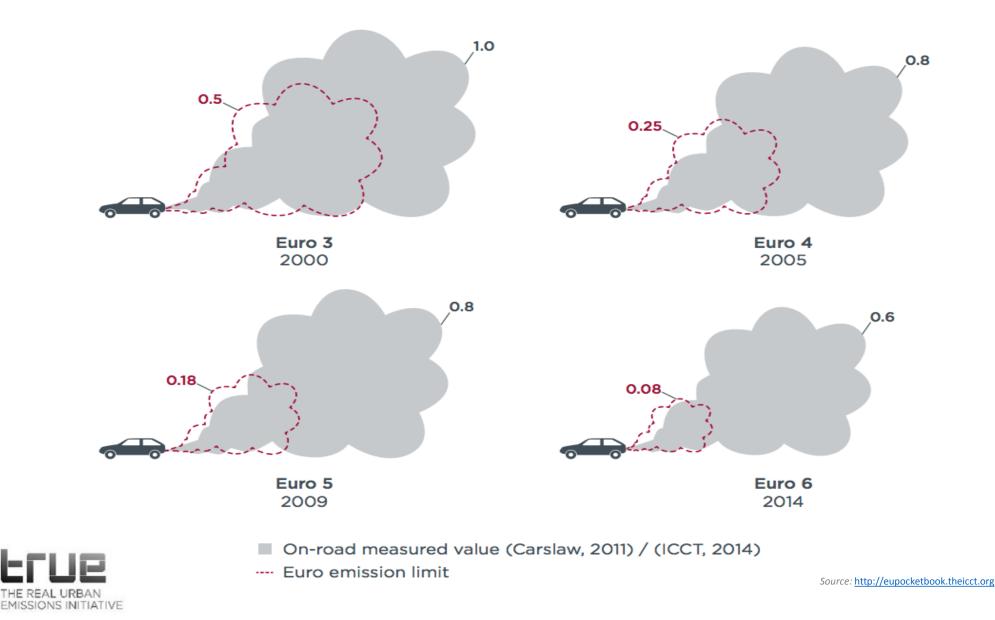




Problems throughout the diesel fleet - EU



Diesel emission reductions never delivered



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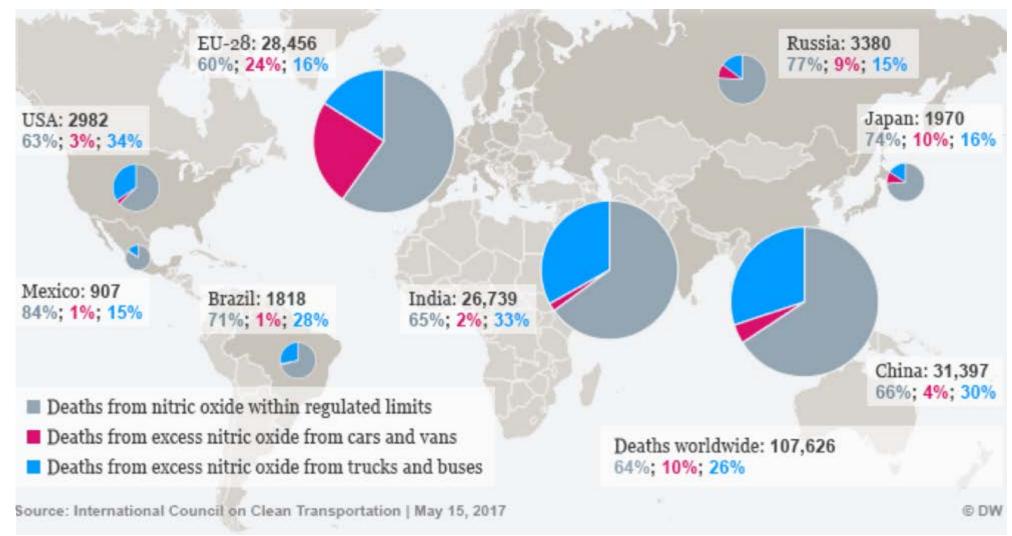
First global estimate of health impacts of real-world diesel NOx emissions (ICCT)

- The global diesel fleet is producing 50% more NOx emissions in the real-world
- 38,000 annual deaths are from these "excess" NOx emissions –1/3 of the 108,000 premature deaths from real-world diesel NOx
- More than 80% of the health impacts are in China, India, and EU-28
- More than 90% of future impacts can be avoided with HD Euro VI, strong RDE, and effective compliance/enforcement





In Europe, more than 11,000 people die early because of <u>excess</u> diesel NO_x emissions, every year





March 2017 – Paris & London launch partnership with TRUE

ENVIRONMENT | Wed Mar 29, 2017 | 10:44am EDT

Paris and London mayors announce scheme to gauge car emissions

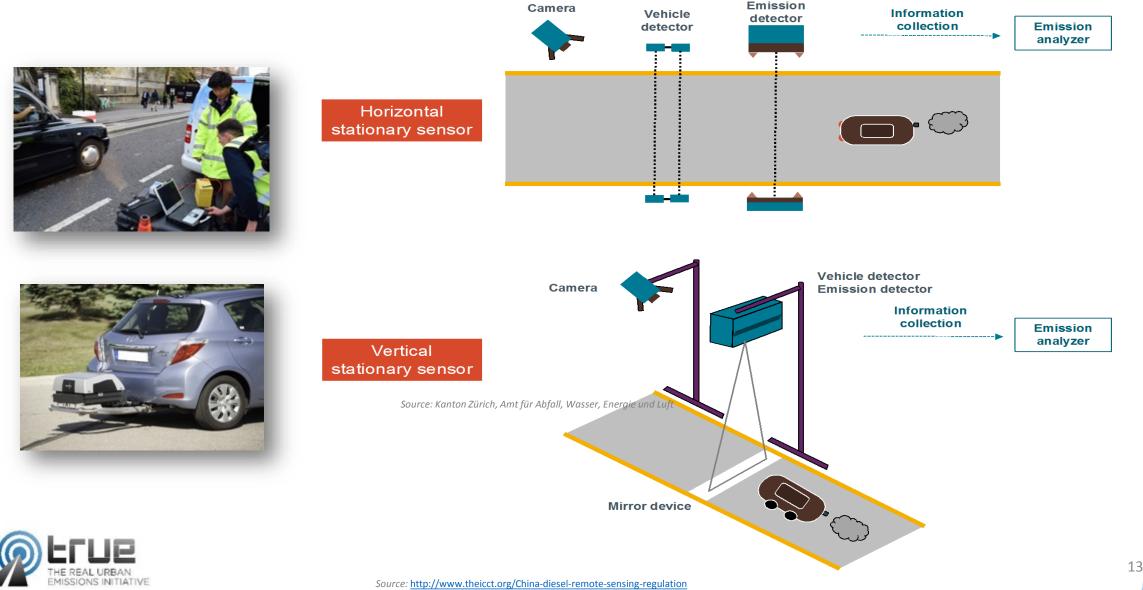


London Mayor Sadiq Khan (L) and Paris Mayor Anne Hidalgo attend a meeting on air pollution in Paris, France, March 29, 2017. REUTERS/Gonzalo Fuentes





Remote sensing allows measuring the real-world emissions of thousands of vehicles



TRUE testing in south London – April 2018





THE TRUE RATING

AL URBAN



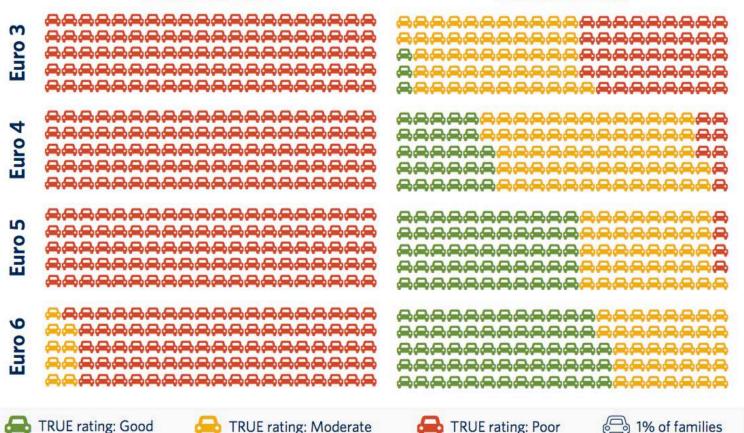
Three-colour system

- Green good lowest available in-use emissions
- Red poor emissions are 3 times or more than the latest emission limits.
- Informative for consumers, policymakers and manufacturers
- First results launched June 6th
 2018– yesterday!

THE TRUE RATING – RESULTS*

Diesel vehicles





NOx emissions are systematically much higher for diesel cars, even for the newest Euro 6 models

All Euro 6 diesel models exceeded the Euro 6 diesel NOx emissions type-approval limits

Four manufacturers' Euro 6 diesel vehicles emitted more than 12 times the diesel type – approval limit for NOx, on average

The highest emitting vehicle family has emissions 18 times above the Euro 6 type-approval limit.



*Note – does not yet include the latest testing in London, nor that which is planned for Paris – coming soon



😢 INDEPENDENT Each car in London costs NHS and society £8,000 due to air pollution, report finds

'We know the health impacts of air pollution, and now the economic case for cleaning up the air we breathe has been laid bare'

Josh Gabbatiss Science Correspondent @josh_gabbatiss 8 hours ago 9 14 comments

Air pollution

Sandra Laville Thu 24 May 2018 11.55 857

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Click to follow The Independe

Air pollution worse inside London

Exclusive: study of schools in capital finds dangerous levels of fine narticulate nollution within classrooms, nutting children at risk Exclusive: study of schools in capital finds dangerous levels of fine particulate pollution within classrooms, putting children at risk

classrooms than outside, study finds

CLEANER

AIR

Guardian



Pollution from cars and vans costs almost E6bn in damage to health each year in the UK, according to a new study (Getty/iStock)

DAY ONE

THURSDAY, JUNE 7TH, BLOOMBERG LONDON

	Coffee/Tea
9:00 - 9:30	Keynote Speech Drew Kodjak, Executive Director, ICCT
9:30 - 9:40	Introduction to Bloomberg London Kelly Shultz, Bloomberg
9:40 - 10:00	Workshop introduction Sheila Watson, FIA Foundation
10:00 - 10:40	Panel Session #1: The problem of real-world urban vehicle emissions - Part 1 Panel moderator - David Ward, Global NCAP Presentations: David Carslaw, York Jens Borken, IJASA
10:40 - 11:00	Morning Coffee Break
11:00 - 12:00	Panel Session #1: The problem of real-world urban vehicle emissions - Part 2 Presentations:
12:00 - 13:00	Zlatko Kregar, DG. Environment Rachel Muncrief, ICCT
400005 000005	Includes screening of video demonstrating remote sensing using EDAR technology
13:00 - 14:00	Panel Session #2: Case studies: London and Paris Panel moderator - Caroline Watson, C40 Cities
	Presentations: Elliot Treharne, Greater London Authority Hervé Levifve, Paris Mayor's Office
	Discussion
14:00 - 15:30	Roundtable #1: City priorities Panel moderator - Sheila Watson, FIA Foundation
15:30 - 15:45	Afternoon Coffee Break
15:45 - 16:50	Breakout session #1: City priorities
16:50 - 17:00	wrap up
17:00 - 18:00	Remote sensing site visit (TBC)
18:00 - 19:30	Evening Cocktail Hour at Bloomberg London Hosted by the FIA Foundation

Panels - Some formal presentations – just to allow you to understand the initiative, but minimise talking at you

Roundtables - We want to learn as much about the cities here today as you all learn about our work

Breakouts - Informal & conversational A chance for you to talk to each other also – and to the other experts in the room

Real remote sensingAll followed by a drink.....

DAY TWO

FRIDAY, JUNE 8TH, LONDON CITY HALL

9:00 - 9:30	Coffee/Tea
9:30 - 9:40	Day 2 Introduction
	Shella Watson, FIA Foundation
9:40 - 12:00	Panel Session #3: City-level experiences in emissions measurement and programs to curb real world emissions Panel moderator - Drew Kodjak, The ICCT
	 Presentations: Louise Duprez, City of Brussels Mónica del Carmen Jaimes Palomera, Mexico City, SEDEMA TBD, Transport Scotland Eunjung Choi, City of Seoul Kate Blumberg, The ICCT
	Discussion
2:00 - 13:00	Lunch
3:00 - 13:20	Keynote Speech followed by a short Q&A Shirley Rodrigues, Deputy Mayor for Environment and Energy, London
3:20 - 14:30	Panel Session #4: Policy solutions for cities Panel moderator - Rachel Muncrief, The ICCT
	 Presentations: Caroline Watson, C40 Cities Greg Archer, Transport and Environment Marcela Castillo, Mario Molina Center Eunjung Choi, City of Seoul Uwe Tietge, The ICCT
	Discussion
4:30 - 14:45	Afternoon Coffee Break
4:45 - 15:45	Breakout session #2: Integration of real world emission data into city policie
5:45 - 16:30	Roundtable #2: Discussion of learnings and next steps Panel moderator - Drew Kodjak, The ICCT
1995 (1995) State	

Real city-level experiences – policies, programmes and how to use real world emissions data

Keynote from our host the Greater London Authority – Deputy Mayor Shirley Rodrigues

Ultimately we want you all to better understand TRUE - what we do, what we want to achieve, and what it would take to work with us



THANK-YOU

www.trueinitiative.org







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