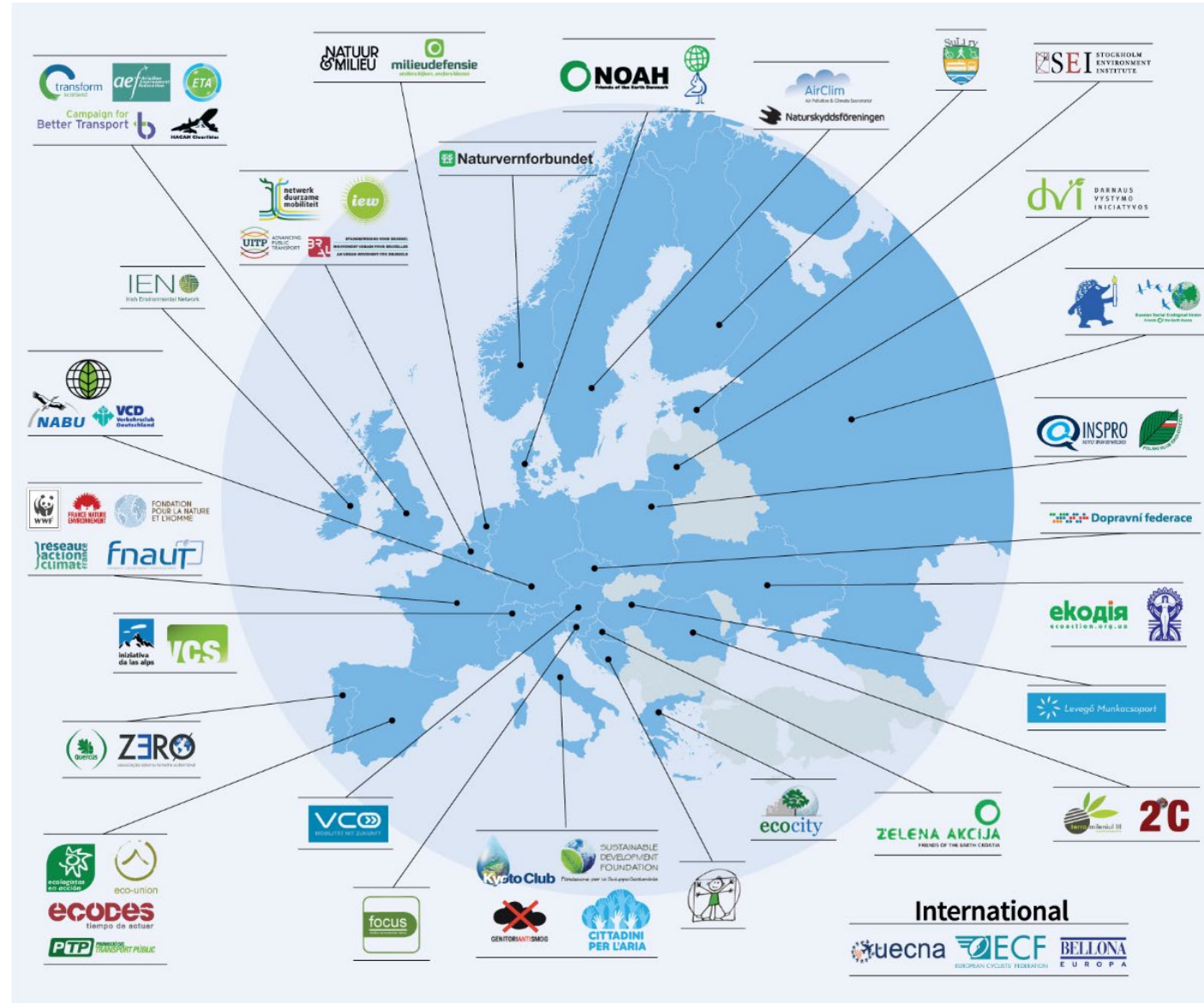


Low Emission Zones: European experience and issues

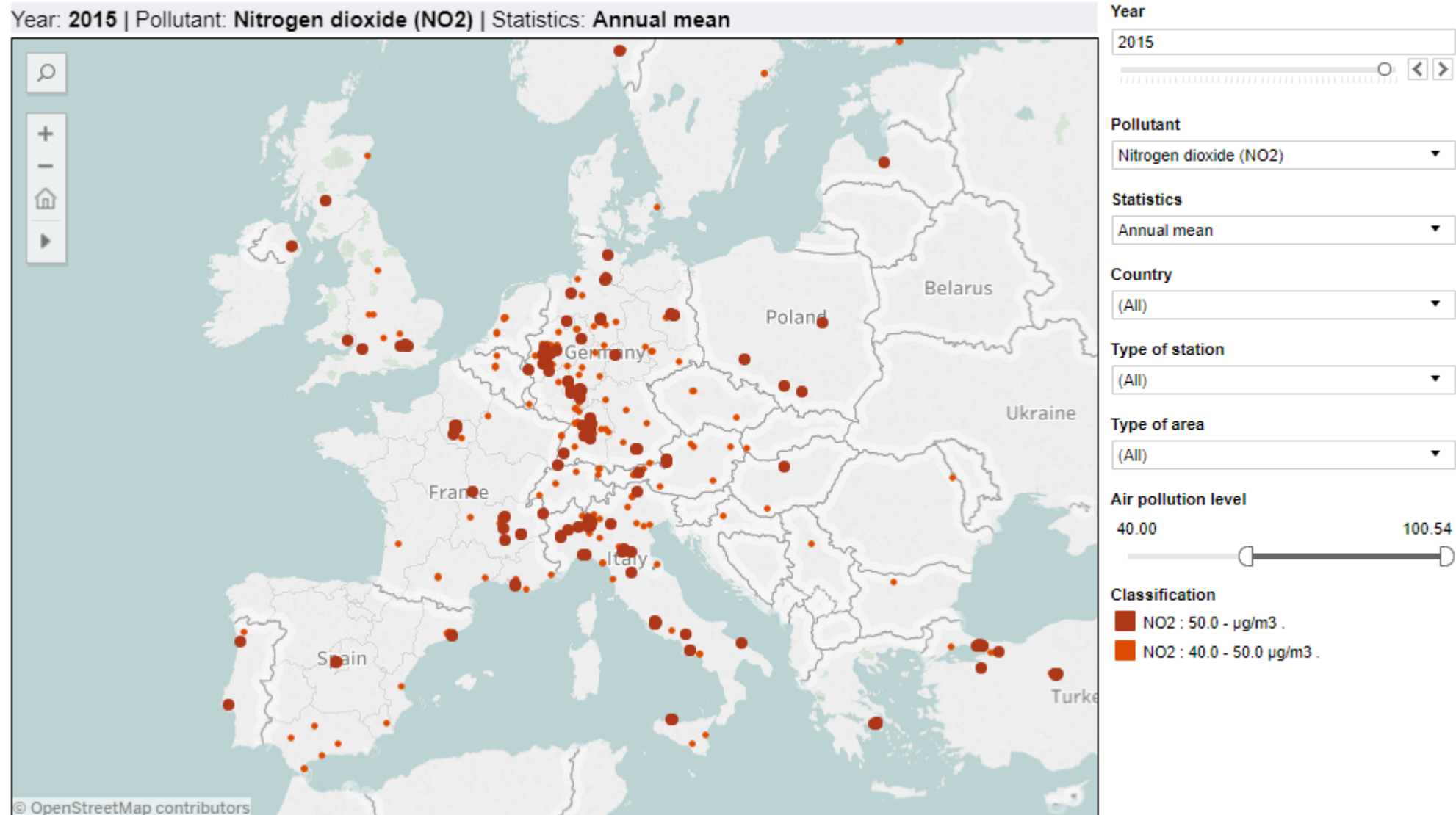
**Yoann Le Petit, Clean Vehicles and New
Mobility Officer**

**London
13 December 2018**

58 MEMBERS IN 26 COUNTRIES



AN EU-WIDE PROBLEM



EPHA: COSTS OF ROAD TRANSPORT POLLUTION

- At **least €70bn** in health damage every year
- Diesel account for $\frac{3}{4}$ of the harm
- Includes only known impacts on health

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Air pollution

Health effects of diesel 'cost European taxpayers billions'

Traffic emissions responsible for at least €70bn damage every year, report says

Damian Carrington
Environment editor
@dpcarrington
Tue 27 Nov 2018 06:01 GMT

1,330



▲ Traffic congestion in Bath, England. The city is planning to introduce a clean-air zone. Photograph: Matt Cardy/Getty Images

Air pollution from roads causes at least €70bn (£62bn) in health damage every year in the European Union, according to a new report, with diesel fumes responsible for three-quarters of the harm.

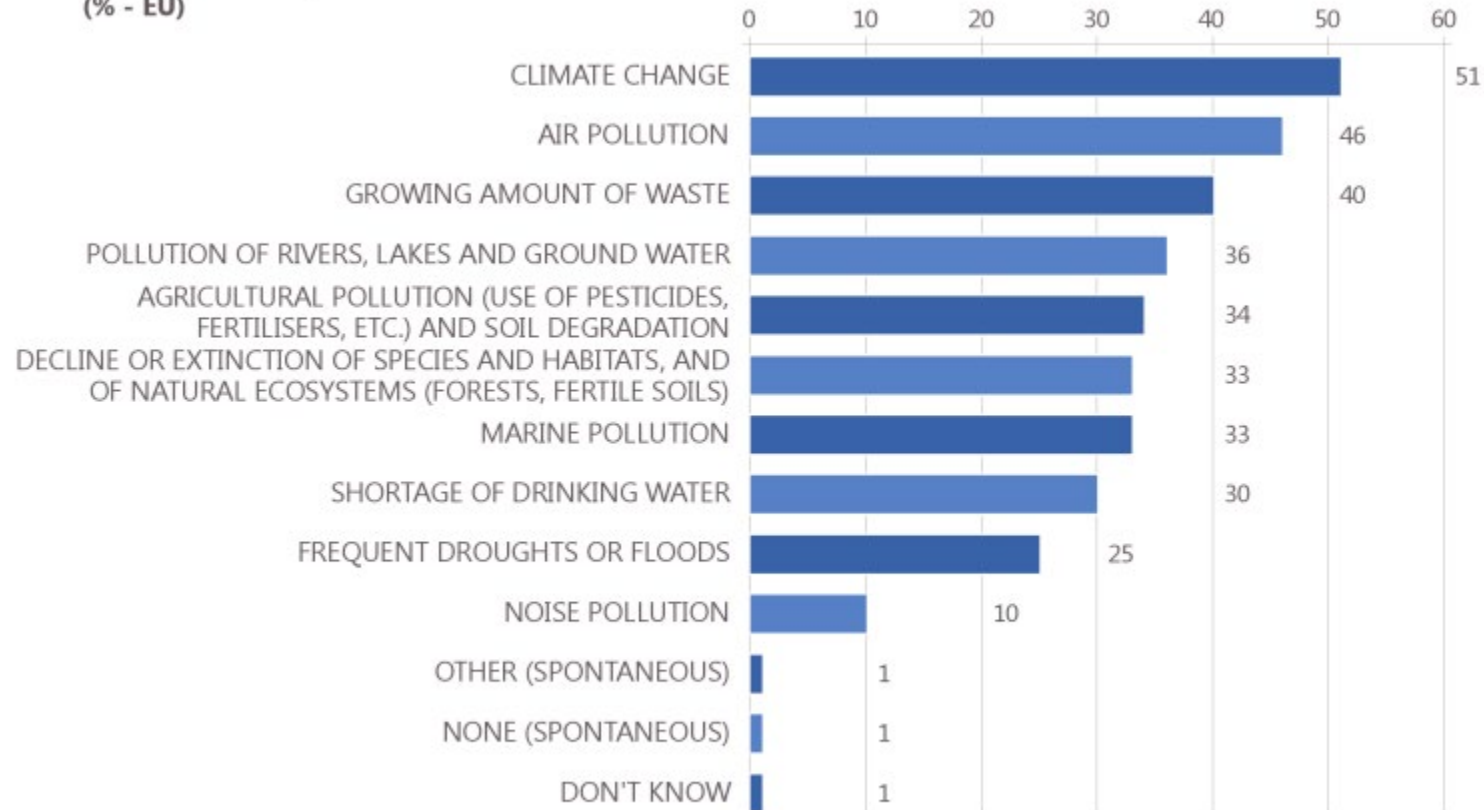
The **research**, commissioned by the European Public Health Alliance (EPHA), found the vast majority of the costs were borne by taxpayers through

most viewed in US

- Theresa May postpones Brexit deal vote
- Isha Ambani wedding: Beyoncé and Hillary Clinton jet to India for celebration
- JK Simmons: 'I still get emotional - how could the universe be so unfair?'
- 'Your daughter should have been safe here': NZ's apology to family of Grace Millane
- Death of Roger, the ripped kangaroo, sparks outpouring of grief on social media

AIR POLLUTION A MAJOR CONCERN

QD2 From the following list, please pick the four environmental issues which you consider the most important.
(MAX. 4 ANSWERS)
(% - EU)



Base: all respondents (n=27,881)

Source: *Special Eurobarometer 468: Attitudes of European citizens towards the environment, October 2017*

SUPPORT FOR LEZ

Restricting access to city centres to cars with high emissions

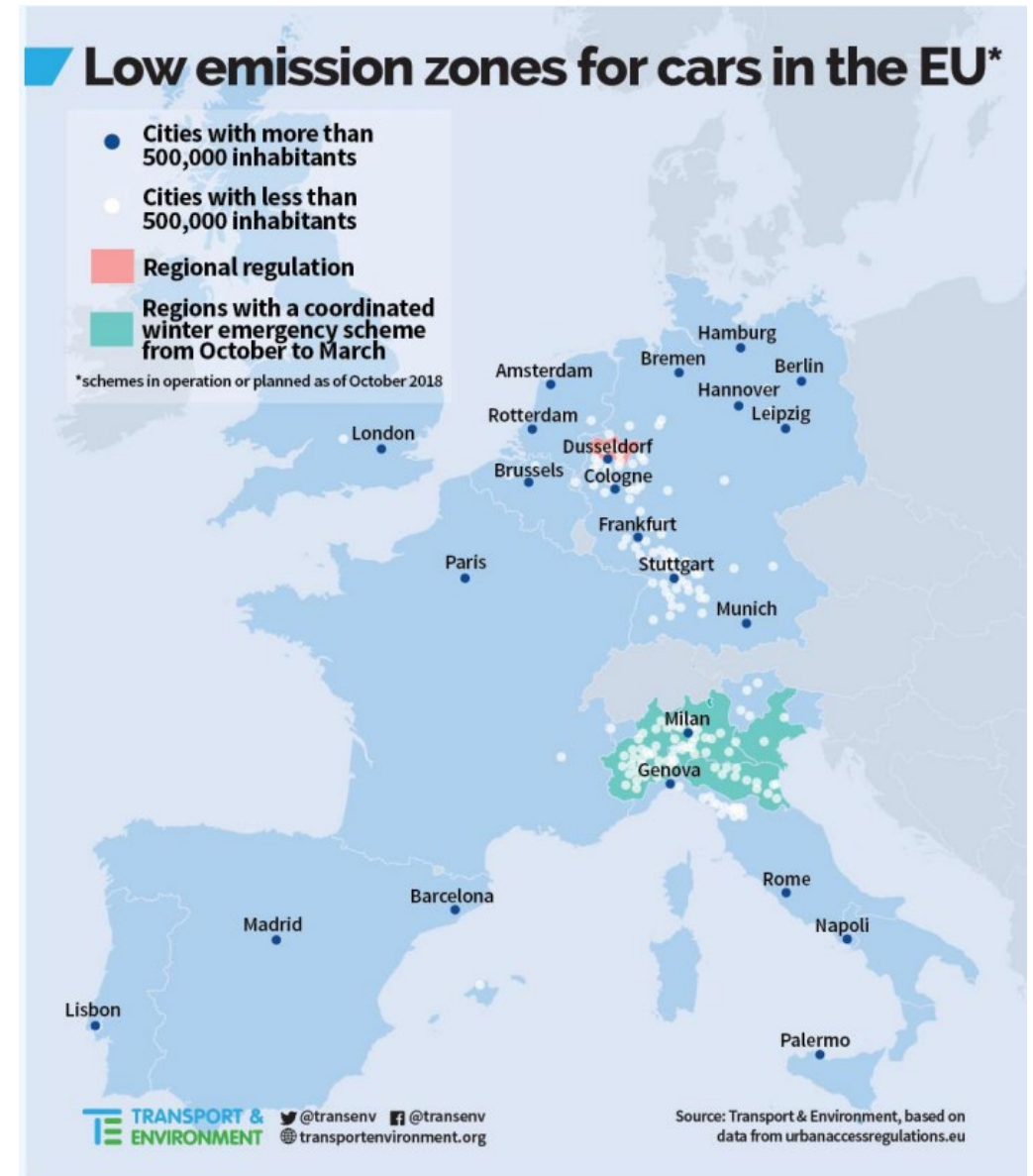
	Total	Belgium	Poland	Sweden	Hungary	France	Germany	Great Britain	Italy	Spain
Strongly support	24.5%	19.7%	21.3%	23.9%	38.6%	19.1%	18.3%	23.7%	29.2%	26.6%
Somewhat support	41.6%	39.9%	45%	39.3%	37.8%	41.4%	38.9%	48.8%	45.4%	37.8%
Somewhat oppose	23.8%	29.5%	26.4%	25.2%	16.9%	26.9%	26%	19.7%	19.2%	24.4%
Strongly oppose	10.1%	10.9%	7.3%	11.6%	6.6%	12.5%	16.8%	7.7%	6.1%	11.2%
Overall support	66.1%	59.6	66.3%	63.1%	76.5%	60.5%	57.2%	72.6	74.7%	64.5%
Overall oppose	33.9%	40.4	33.7%	36.9%	23.5%	39.5%	42.8%	27.4	25.3%	35.5%

Source: IPSOS poll September 2018

MORE THAN 250 LEZ IN THE EU

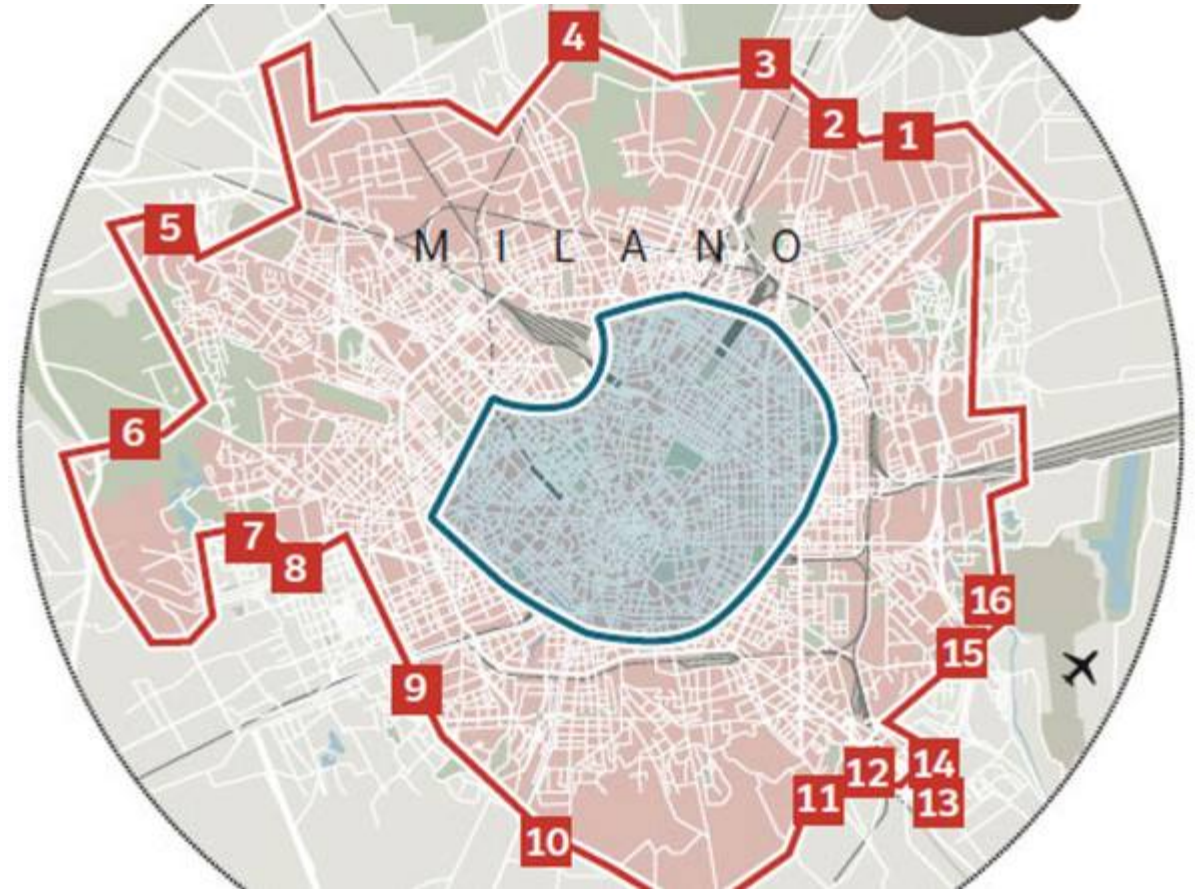
- From 2000 onward, number of LEZ in the EU increased
- East/ West divide
- Variations in scope and coverage
- Dieselgate momentum

- **EU LEZ Database:**
<http://urbanaccessregulations.eu>



CRITERIA FOR AN EFFICIENT LEZ

- Large enough coverage
- Use remote sensing data
- Link to ANPR; enforcement for foreign vehicles
- Up to date, easily accessible information



https://milano.corriere.it/notizie/cronaca/18_agosto_02/zona-traffico-limitato-lez-area-b-smog-divieti-telecamere-1d06afee-9618-11e8-8193-b4632fd4d653.shtml

RISK: OLD DIESEL EXPORTS TO CEE COUNTRIES

- 43 million dirty diesel on our roads
- 350,000 polluting 2nd-hand diesels were exported to Poland in 2017
- EU-wide on-road compliance is needed



RELEVANT EU-LEVEL POLICY

- Commission non-binding guidelines on LEZ
- Background legislation: Ambient Air Quality Directives
- Euro 7
- Post-2020 LDV CO2 standards



TAKE AWAYS (1)

Over 250 LEZ in the EU

Scope and ambition levels vary greatly

EU citizens care about air quality and support LEZ

Most euro 6 bans announced for 2025

TAKE AWAYS (2)

Most LEZ are based on Euro norm

Local actions can't substitute EU policies

Getting information to consumers a challenge

Exports the pollution problem to CEE

THANK YOU FOR YOUR ATTENTION

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A large number of bicycles are parked in rows, filling the frame. The bicycles are mostly silver or light-colored, with some having black frames. They are parked in a way that creates a sense of depth and repetition. The word "BACKUP" is overlaid in large, bold, blue capital letters across the center of the image.

BACKUP

43 DIRTY DIESELS

Dirty diesels on our roads – still growing: up 5m last year to 43m

Thousands per Member State (Euro 5 and 6 cars and vans)

