Low Emission Zones: European experience and issues

Yoann Le Petit, Clean Vehicles and New Mobility Officer

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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
AIR POLLUTION A MAJOR CONCERN

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

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

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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BACKUP
Dirty diesels on our roads – still growing: up 5m last year to 43m
Thousands per Member State (Euro 5 and 6 cars and vans)

- France: 8,741
- Germany: 8,208
- United Kingdom: 7,267
- Italy: 5,255
- Spain: 3,175
- Belgium: 1,991
- Sweden: 1,109
- Austria: 1,070
- The Netherlands: 806
- Poland: 715
- Portugal: 713
- Denmark: 447
- Czech Republic: 441
- Ireland: 397
- Finland: 258
- Romania: 257
- Luxembourg: 216
- Slovakia: 201
- Hungary: 193
- Greece: 179
- Slovenia: 161
- Croatia: 82
- Estonia: 48
- Bulgaria: 44
- Latvia: 38
- Lithuania: 37
- Cyprus: 14
- Malta: 13

Source: Transport & Environment