"How Green and Mobility make European Fleet Management Smarter"

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Complexity of Europe

- 745 million habitants
- 50 countries
- Over 35 languages
- 28 currencies
- 6 hours time difference
- European Union = 28 countries
- Euro in 19 countries
- 265 million passenger cars in European Union
- Over 14 million new passenger cars each year registrations
- Diesel = 50% in Europe
- Electric = only 1%
- CO2 average new sold cars in European Union = 118 g/km
- No One Size Fits All with a continent that is a puzzle, a patchwork of countries and cultures

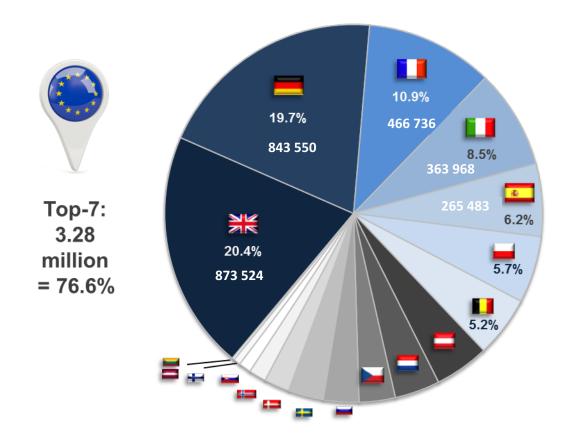




1. The EU Fleet Market

True Fleet Market in Europe is dominated by Big 5



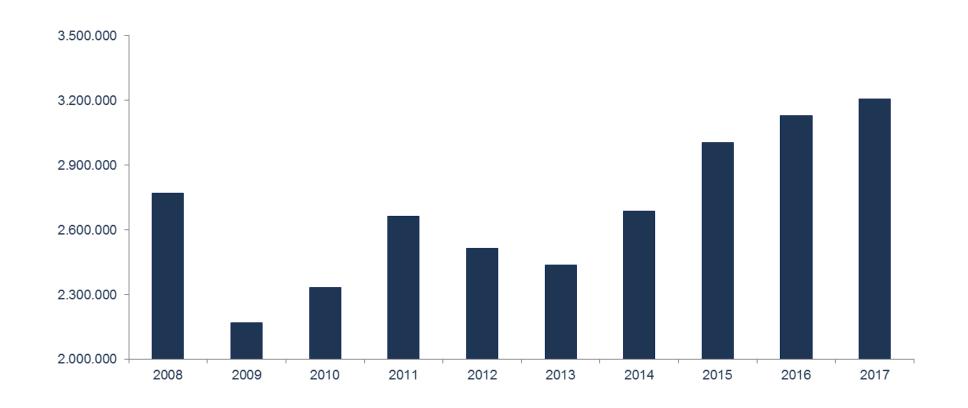




1. The Fleet Market

New Car Registration - True Fleets 2008-2017 in EU-7







1. The Fleet Market – The rise of the SUV in EU

SUV boom keeps up the momentum New Car Registrations in the True Fleet Market (thousands) 1.200 Offroad / SUV 1.000 800 Compact Car 600 400 Van 200 Higher-Middle-Class Utilities

1. The Fleet Market – Volkswagen Group still dominates

Top 10 True Fleet Vehicles for 2016 in European Union

- 1. Volkswagen Golf
- 2. Volkswagen Passat
- 3. Skoda Octavia
- 4. Audi A4 / S4
- 5. Opel Astra
- 6. Renault Clio
- 7. Nissan Qashqai
- 8. BMW 3 Series
- 9. Peugeot 308
- 10. Mercedes C-Class

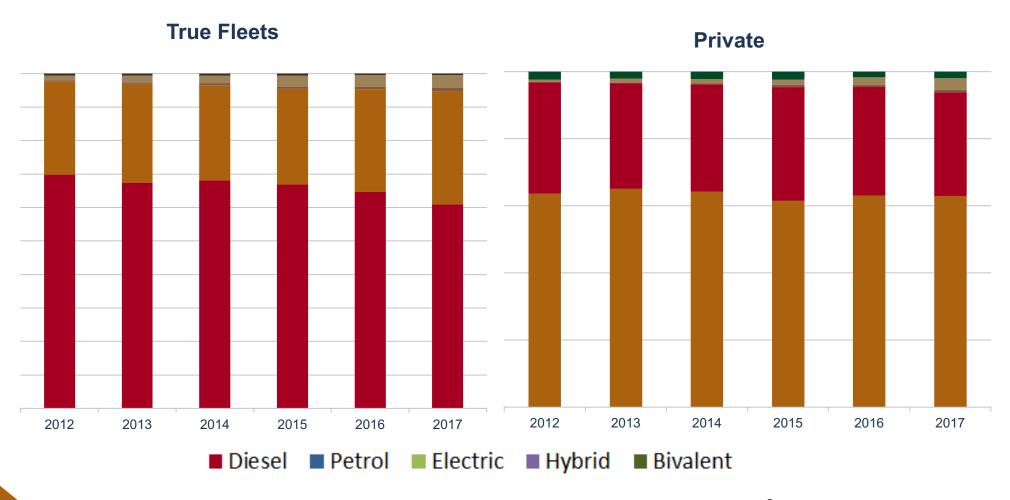






1. The Fleet Market – Diesel still King but

Fuel Evolution in European Union



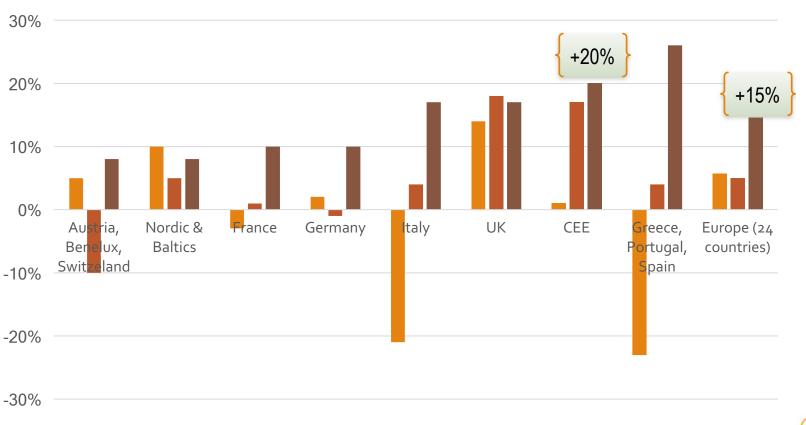




2. Funding and Financing – The outscource trend

New Leasing Growth Rates (PCs & CVs)

(Operational Lease, Finance Lease and Short Term Rental)





2. Funding and Financing

>8,5 million cars in operational leasing

• **50%** is owned by the **Top 5** of the multibrand lessors















2. Funding and Financing Why is operational leasing so popular







Cost & Risk Management:

- VAT & Accounting
- No RV risk
- Profit from discounts

Budget Control:

- -Cost known in advance
- Driver management
- Reports

Focus on Core Business:

- Time
- Money
- Mobility of employees
- Repair & maintenance



2. Funding and Financing: The future

- Bigger discrepancy between international players and local heroes
- Opportunities for <u>captive lease companies</u>
- Legislative impact IFRS16 from 2019
- Flexible lease and outsource solutions



3. Taxation... steers fleet management



Greenification via taxation still gains popularity.

20 European Member States apply CO2 taxation.



3. Taxation... will become even greener than before



By 2030 one in three cars will be an EV or plug-in hybrid in Europe.



3. Taxation... will become even greener than before

EV and traditional car to reach TCO parity in 2018

"Kosten elektrische auto gelijk aan die van benzineauto in 2018"



'Electric cars to cost the same as convential cars by 2018"



"L'électrique, bientôt moins cher que le thermique" RAI



"La revolución del coche eléctrico llega a su calle"



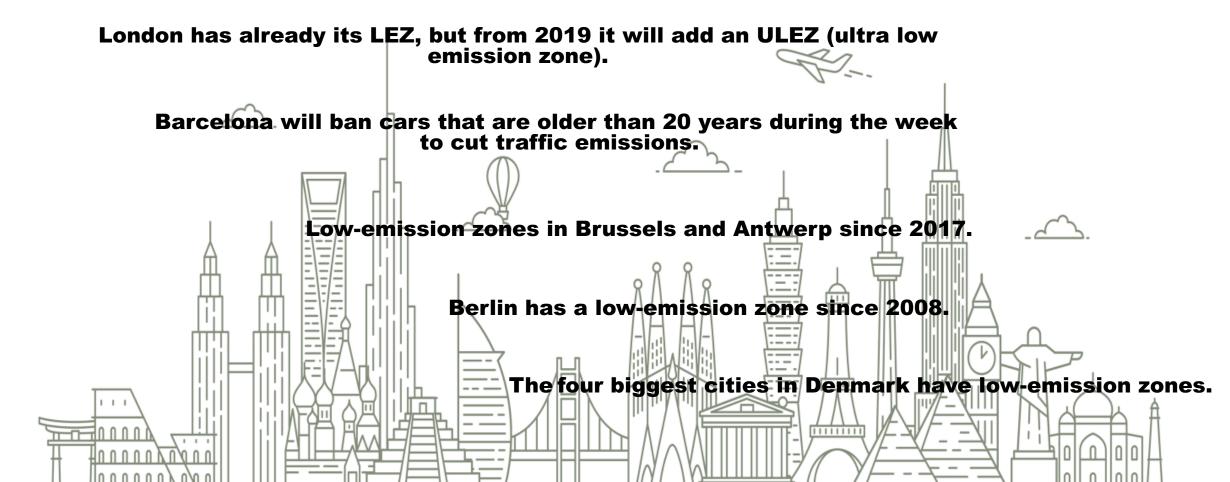
"Electric cars 'will be cheaper than conventional vehicles by 2022"





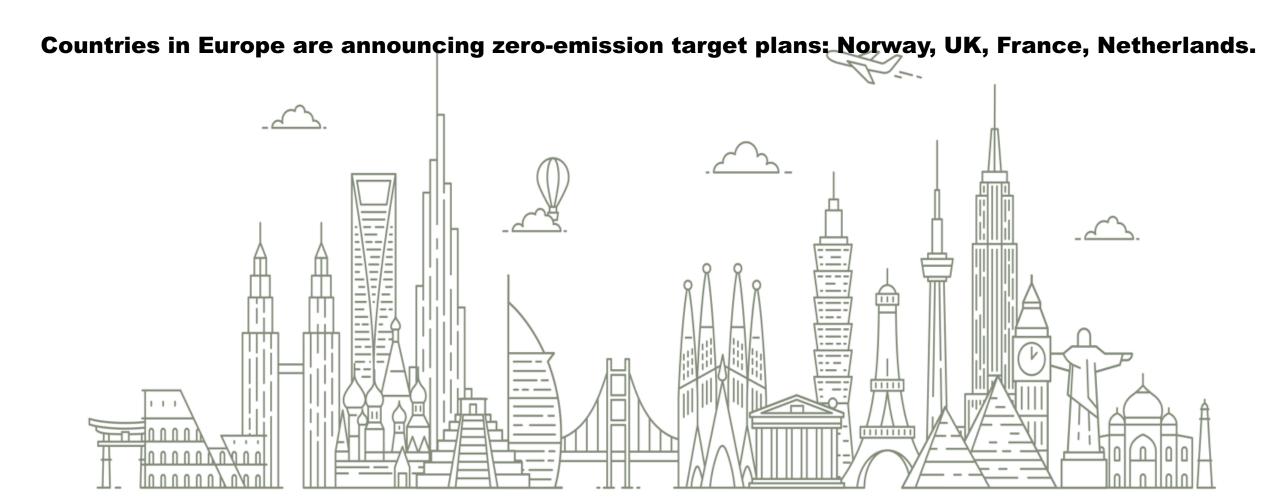
3. Legislation...Local Green pressure is rising

Paris intends to remove diesel vehicles from its streets entirely by 2025.



3. Legislation...Local Green pressure will continue to rise

Over 200 different urban access regulations are already in place across Europe.



3. Taxation... steers green fleet management

- Greenification all over in today's fleet programmes
 - Fleet Europe Awards' finalists Everyone focuses on Green
 - HSE consciousness rising initiatives like EV100 with Unilever, Vattenfall, IKEA and LeasePlan to go for fleet electrification in upcoming years and zero-emission mobility by 2030.



4. From Fleet to Mobility

Influencers for Mobility

- Urbanisation
- Technology
- Consumer behaviour
- Millennials
- Legislation
- •

Suppliers looking for new business opportunities with new services



From Fleet to Mobility

- Suppliers offering services that are no longer only car-centric but user-centric
 - shared mobility
 - multi-modal mobility
 - B2E and B2C scope with private lease
- New players and start-ups are entering the corporate fleet and mobility environment with disruptive services
- Success factors: Flexibility and User-friendliness



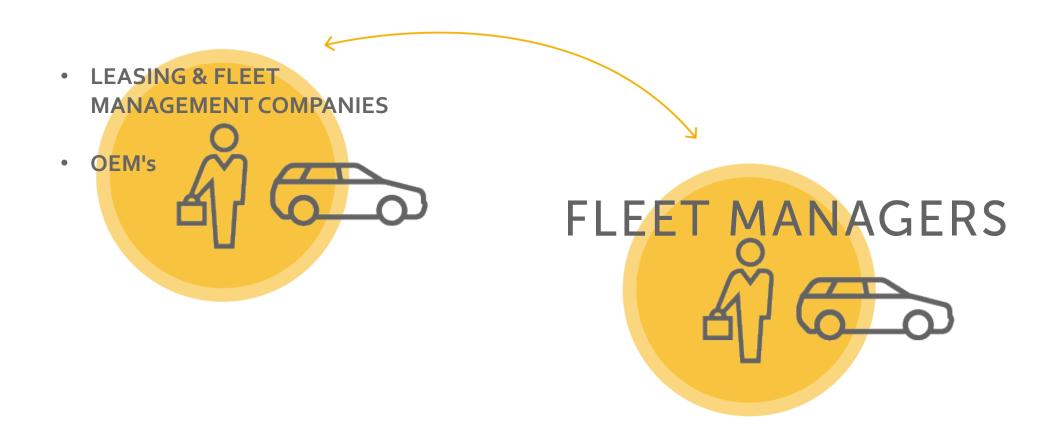
Mobility will grow internationally

- Implementation still locally driven due to taxation and offer
 - Examples: Bike in Denmark; car-sharing in France; salary sacrifice in UK;
 private lease in Netherlands; Cash4car in Belgium, ...
- Internationalisation = pilots becomes products and get implemented across Europe and beyond: China, Brazil, Mexico, Russia

 So also in Mobility: one size doesn't fit all => Think global but act local

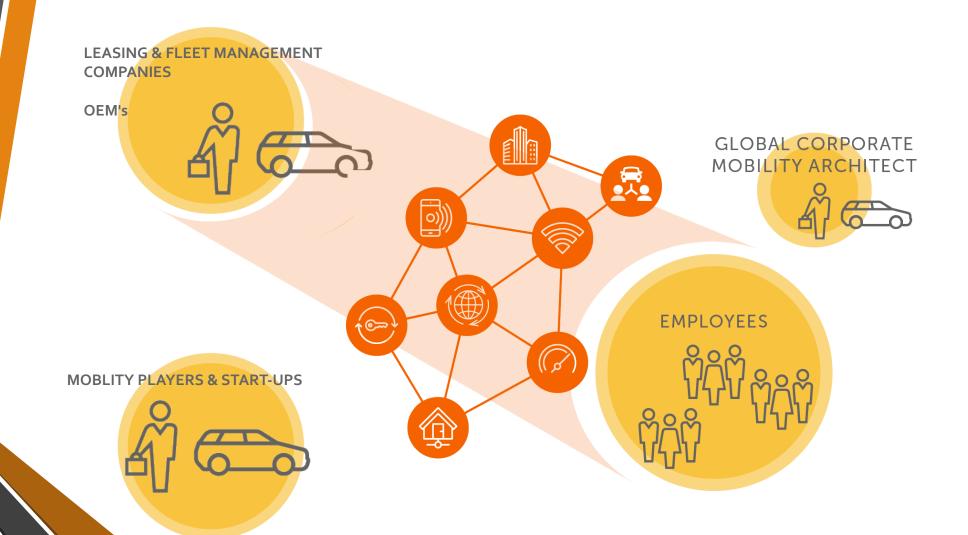


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From tomorrow: The Mobility Architect





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