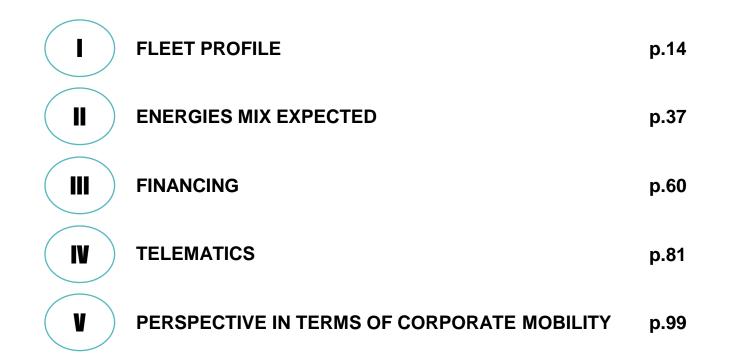
Arval Mobility Observatory

# 2019 FLEET BAROMETER Europe



April 2019 / Survey n°1800954

### **Table of content**



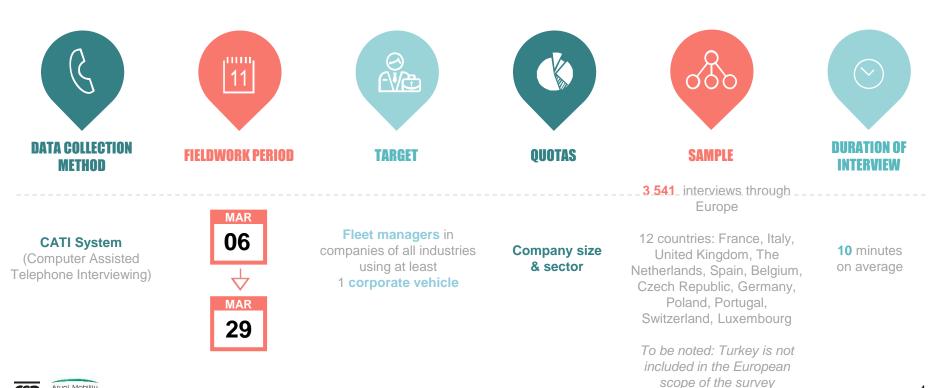


### PERIMETER OF THE STUDY – FOCUS EUROPE 12 COUNTRIES





## METHODOLOGY



csa

## NUMBER OF INTERVIEWS CONDUCTED

Perimeter of the survey: companies owning at least 1 vehicle



**Companies with less than 10 employees 1 185 interviews** 



Companies with 10 to 99 employees 779 interviews

Companies with 100 to 249 / 499 / 999 employees **917 interviews** 

**100 employees** and more **1577 interviews** 

1 to 99 employees **1964** interviews



Companies with 250 / 500 / 1 000 employees and more 660 interviews



## SAMPLE STRUCTURE

Company size & sector	♥	<b>*</b> *	<b>**</b>	<b>***</b>	Total
Construction	19%	18%	11%	7%	14%
Industry	17%	30%	39%	35%	29%
Services	39%	31%	32%	41%	36%
Trade	26%	21%	18%	16%	21%
TOTAL	100%	100%	100%	100%	100%
Weight of each company size segment	33%	20%	27%	20%	100%

This sample structure was set up in order to be roughly **representative of the number of cars registered** by companies for each company size segment and activity sector as well as to **allow comparisons between countries on a similar bases**. In the following slides, no additional weighting of the data are applied to company sizes or activity sectors segments.

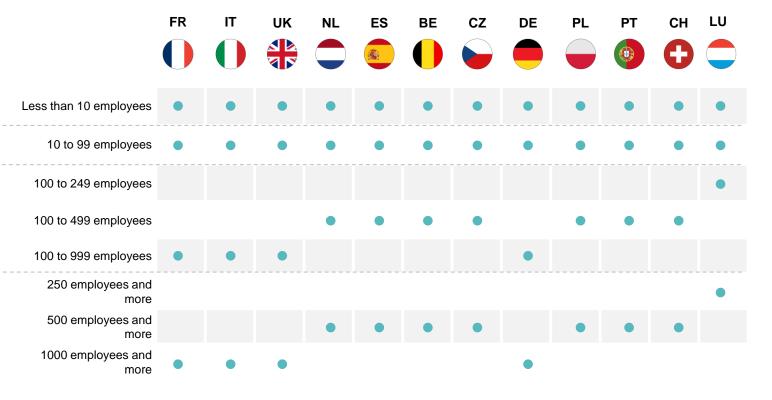


## SAMPLE











## PICTOGRAMS

### **Company size**



Less than 10 employees



10 – 99 employees



100 to 249 / 499 / 999 employees



250 / 500 / 1000 employees and more



# **MAIN RESULTS**



WHICH SURVEY IN WE **INTERVIEWED** 3,541 FLEET MANAGERS IN EUROPE BY PHONE IN MARCH 2019. 12 **COUNTRIES** PARTICIPATED IN THIS STUDY.

FLEET MANAGERS REMAIN OPTIMISTIC ABOUT THE GROWTH POTENTIAL OF THEIR FLEET SIZE BUT AT A SLIGHTLY LOWER LEVEL THAN IN 2018.

**#2** 

#5

### MAIN RESULTS - EUROPE

TAXMEASURESTHATBOOSTTHEDEVELOPMENTOFALTERNATIVE ENERGIESSUCH ASELECTRIC, HYBRID ANDPLUG-INHYBRIDSFORCOMPANIES100 ORMOREEMPLOYEES.

#4

#1

OPERATING LEASING, WIDELY ADOPTED BY THE LARGEST COMPANIES, IS DEVELOPING IN SMALL AND MEDIUM-SIZED COMPANIES.

TELEMATICS TOOLS ARE SLOWLY BEING INSTALLED IN A CONTEXT OF GDPR DEPLOYMENT. ALTERNATIVE SOLUTIONS.

MOBILITY





**#1** A SURVEY IN WHICH WE INTERVIEWED 3,541 FLEET MANAGERS IN EUROPE BY PHONE IN MARCH 2019. 12 COUNTRIES PARTICIPATED IN THIS STUDY

This document presents the results of the 12 European countries (Turkey's results are presented in a separate document). All sectors of activity (construction, industry, service and trade) as well as all sizes of companies (from small companies with less than 10 employees to very large companies with more than 1,000 employees) are represented in this study. The representativeness of the sample is ensured by the method of auotas defined by country, company size and sector of activity.

12% of the companies surveyed manage a fleet of 100 or more vehicles (weighing less than 3.5 tonnes, i.e. including passenger coaches and LCVs).

#2 FLEET MANAGERS REMAIN OPTIMISTIC ABOUT THE GROWTH POTENTIAL OF THEIR FLEET SIZE BUT AT A SLIGHTLY LOWER LEVEL THAN IN 2018. First observation: the largest companies are always the most optimistic.

We measure the level of confidence of companies concerning their fleets' growth potential through the Fleet Growth Potential indicator. This indicator is calculated from the difference between the share of companies that expect an increase in the size of their fleet minus the share of companies that expect a decrease in size. In 2019, this indicator stands at +11 for Europe as a whole (18% of companies expecting an increase compared to 7% expecting a decrease), a positive result but down by two points compared to 2018. This year, we find similar scores to 2015 to 2017 but still significantly higher than those recorded in 2012 (+5 points).

Observation by country also yields optimistic results: regardless of the country and size segment of the company observed (fewer than 100 employees, 100 or more employees), all results remain positive. The most optimistic countries are France, Luxembourg, Poland and Belgium; the least optimistic ones are Spain, Portugal and Italy.

# **#3** TAX MEASURES THAT BOOST THE DEVELOPMENT OF ALTERNATIVE

### MAIN RESULTS - EUROPE

#### ENERGIES SUCH AS ELECTRIC, HYBRID AND PLUG-IN HYBRIDS FOR COMPANIES WITH 100 OR MORE EMPLOYEES.

More than half (55%) of companies with 100 or more employees reported that they already have or intend to integrate alternative energy vehicles into their fleet over the next 3 years. This potential grows from year to year: +11 points for full electric since 2015, +9 points for hybrid and +11 points for plug-in hybrids.

The countries with the highest development potential for these alternative energies are the United Kingdom, the Netherlands, Belgium, France and Germany. The lack of tax incentives based on the CO2 emission rate in the Czech Republic explains the country's latest position in terms of electricity deployment (which does not mean that this country does not implement actions to limit emissions from its fleets).

At the same time, we can see that the results of WLTP tests are increasingly taken into account in the context of the fleet policy: almost one company in two (47%) claims to take into account the results of this new test, an increase of 3 points compared to 2018, so, unsurprisingly, the results are most taken into account within the largest companies (67%; +5 points against 2018). The results of these WLTP tests lead to a very concrete change in the level of vehicles purchased for 26% of companies.

The countries where WLTP tests are most taken into account are Belgium, the Netherlands, Portugal, France, Poland and Switzerland.

50% of companies told us they are taking concrete measures to reduce the amount of borrowing left by their vehicle fleets. These actions mainly concern CO2 (39%), but a significant proportion of companies (22% and 18% respectively) have also told us that they are seeking to reduce emissions of fine particles and NOx, even if it is not easy to quantify the emissions of the latter two pollutants.

The countries with the highest proportion of companies that have taken measures to limit CO2 emissions from their fleets are the United Kingdom, France, Belgium, Germany and Spain.

The process of reducing the share of diesel in company fleets is underway. When we ask fleet managers what they would do if car manufacturers were to offer diesel vehicles tomorrow that emit no more NOx and fine particles than petrol vehicles, 34% tell us that they would still continue to reduce the share of diesel in their fleet, compared to only 4% who tell us that they would reverse and increase the share of diesel again.

### #4

OPERATING LEASING,

WIDELY ADOPTED BY THE LARGEST COMPANIES, IS DEVELOPING IN SMALL AND MEDIUM-SIZED COMPANIES.

The largest companies have understood that Operating Leasing meets their fleet management expectations. Almost half (47%) of companies with more than 100 employees use Operating Leasing as their main solution for financing their fleet vehicles (a rate that rises to 52% for very large companies).

All company size segments recorded an increase in Operating Leasing: + 5 points over the last 4 years for small and medium-sized companies as well as large and very large companies. This trend is expected to continue over the coming years, with 26% of

#### MAIN RESULTS - EUROPE

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companies stating that they still intend to develop Operating Leasing, a figure up 3 points compared to the 2018 results.

Operating Leasing penetration among large and very large companies (more than 100 employees) is highest in Spain, the Netherlands and France. Germany, Luxembourg and also Spain have the highest penetration rates in terms of operating leases for small and medium-sized companies (fewer than 100 employees).

Note the case of Poland, which, despite limited penetration of Operating Leasing in the segment of companies with fewer than 100 employees (8% compared to 17% for the Europe average) has one of the highest development intentions.



#### **TELEMATICS TOOLS ARE**

## SLOWLY BEING INSTALLED IN A CONTEXT OF GDPR DEPLOYMENT

At the beginning of 2019, there was a slight increase in telematics of +2 points compared to 2018: 21% of European companies

23 24 25 26 27 28 29

reported using telematics tools. This proportion rises to 32% among very large companies.

There are several groups of countries:

- Countries where telematics is already well established and is developing quickly compared to 2018: The Czech Republic, Spain and Portugal;
- Countries where telematics is well established but has not progressed compared to 2018: The United Kingdom, the Netherlands and Poland;
- Countries that are **small users of telematics but who expect to develop it**: Switzerland, Germany, Italy and Belgium.

To be noted:

- Telematics tools are more often used on LCVs than on cars (23% versus 18%);
- Three main functions are assigned to telematics tools: vehicle location, cost optimisation and driver safety enhancement.

### #6

#### ALTERNATIVE MOBILITY

#### SOLUTIONS

When we talk about car sharing or ride sharing, it becomes very difficult to compare the rate of use from one country to another because we now have countries that already have access on the market to packaged and mature offers from leasers or service providers in the mobility sector and others not. The most mature countries associate car sharing or ride sharing with complete and packaged offers, while the less mature countries tell us that they practise car sharing as soon as a pool of cars parked in the yard is accessible to several people with a reservation system via an Outlook calendar for example (explanations given by a fleet manager in the Czech Republic).

This situation leads to the following oddity: countries like Czech Republic or Poland where there is no car sharing or ride sharing offer declare that they practise car sharing and ride sharing more often than countries such as the Netherlands or Belgium.

In order to avoid this problem of interpretation, it is better to look at the results of the question, 'Do you think these solutions could replace fleet vehicles now allocated by name?'

It should be noted that these are solutions that are beginning to be deployed or in the process of being deployed over the next 3 years and which would make it possible to replace fleet vehicles in large and very large companies (deployed + could replace fleet vehicles: 22%).

### MAIN RESULTS - EUROPE

Countries where these solutions are most frequently deployed in companies with more than 100 employees (and where they are developing with a strong trend: France, the Netherlands and Germany.

Countries where these solutions are already in place for companies with more than 100 employees (with a potential to replace individually allocated fleet vehicles) but where they are not growing compared to last year: England, Switzerland and Belgium.

Countries where the penetration of these solutions is more limited and which do not record any particular progress or curiosity for these packaged and complete solutions: Italy, the Czech Republic, Poland, Portugal and Spain.

Mobility Budget and Private Lease solutions are attracting interest and curiosity from companies: 18% and 12% of companies respectively told us they have already tested or intend to implement them over the next three years. These rates even rise to 33% and 18% for very large companies. However, caution is required, fleet managers' rhetoric shows that this curiosity often translates into the testing of solutions developed in-house and that they do not necessarily have access to packaged offers of this type.

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# **FLEET PROFILE**





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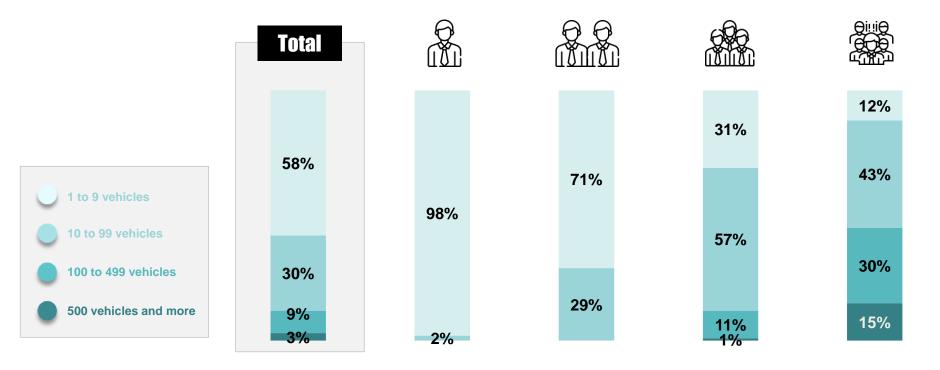
# **FLEET PROFILE**

# **FLEET CHARACTERISTICS**



### NUMBER OF VEHICLES IN FLEET

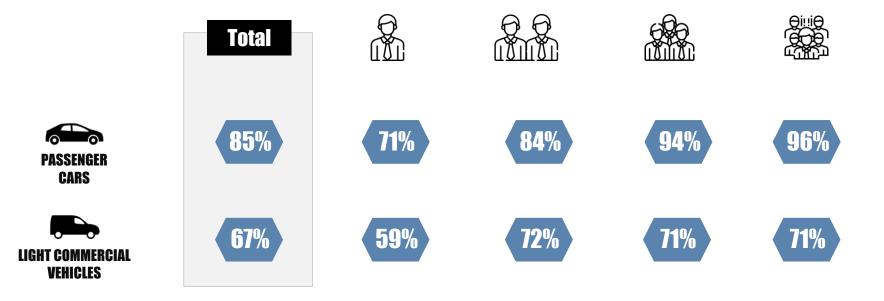
A5. Can you please tell me the total number of vehicles of less than 3.5 tons in your fleet? **Basis: companies with corporate vehicles = 100%** 



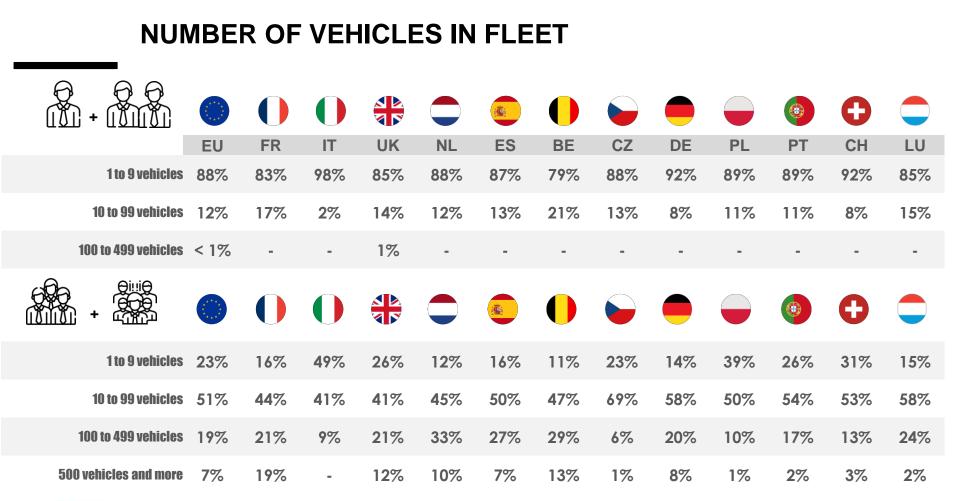


# PROPORTION OF COMPANIES WITH AT LEAST ONE CAR OR ONE LCVS (among companies with at least one vehicle in fleet)

A5f. And can you please tell me the total number of LCVs or Vans in your fleet? **Basis: companies with corporate vehicles = 100%** 



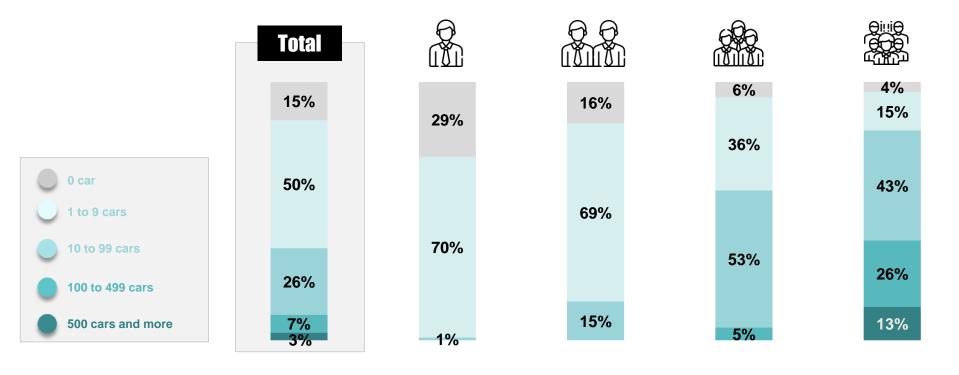








A5f\_1. And can you please tell me the total number of cars in your fleet? **Basis: companies with corporate vehicles = 100%** 





Portugal and Turkey excluded



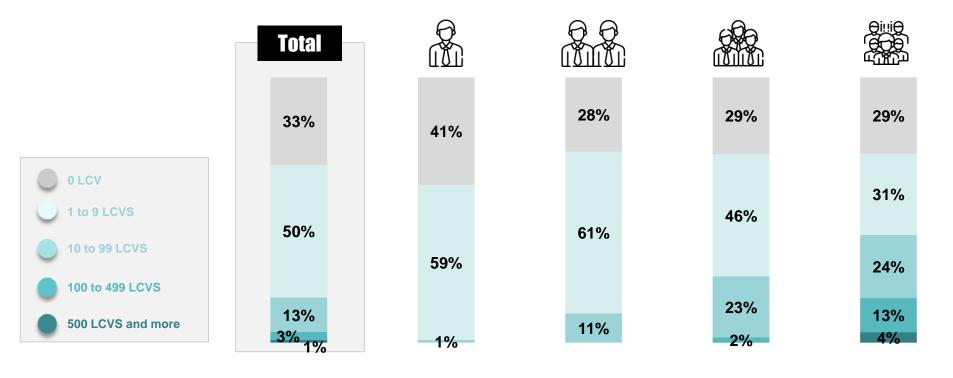
### NUMBER OF CARS IN FLEET

	EU	FR	П	UK	NL	ES	BE	CZ	DE	PL	СН	LU
0 vehicle	24%	36%	45%	41%	<b>29</b> %	31%	21%	3%	8%	20%	19%	13%
1 to 9 vehicles	70%	58%	<b>54%</b>	55%	67%	61%	66%	<b>89</b> %	87%	76%	77%	77%
10 to 99 vehicles	6%	7%	<1%	3%	4%	8%	13%	8%	5%	4%	4%	9%
100-499 vehicles	<1%	-	-	1%	-	-	-	-	-	-	-	-
500 and more	<1%	-	-	-	-	-	-	-	-	1%	-	-
		0	0				•				0	
0 vehicle	5%	2%	13%	11%	3%	6%	4%	1%	-	6%	3%	6%
1 to 9 vehicles	27%	<b>2</b> 1%	50%	<b>29</b> %	14%	22%	11%	<b>29</b> %	24%	44%	38%	1 <b>6</b> %
10 to 99 vehicles	48%	47%	30%	36%	46%	48%	51%	67%	53%	<b>4</b> 1%	<b>49</b> %	62%
100-499	14%	16%	7%	15%	28%	18%	24%	2%	1 <b>8</b> %	7%	7%	15%
500 and more	6%	14%	-	<b>9</b> %	<b>9</b> %	6%	11%	1%	6%	1%	3%	1%



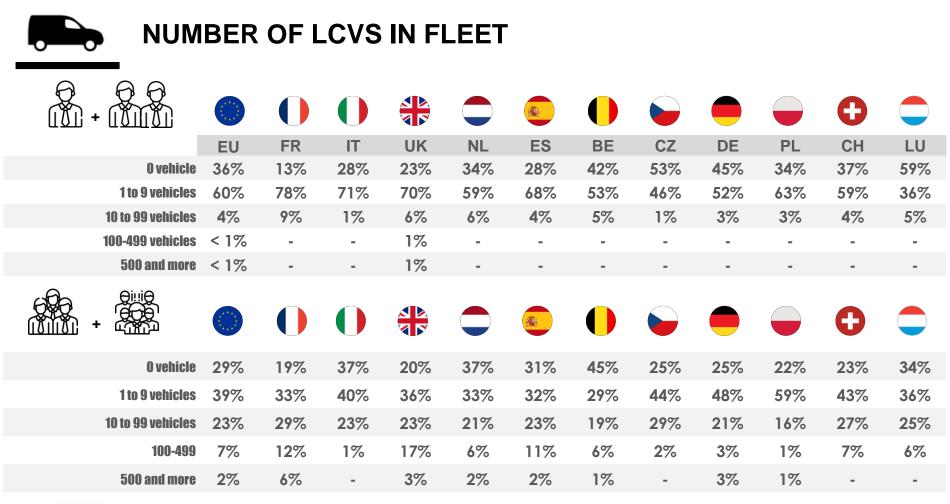


A5f\_2. And can you please tell me the total number of LCVs or Vans in your fleet? **Basis: companies with corporate vehicles = 100%** 





Portugal excluded





### **FLEET GROWTH POTENTIAL**

A8. In the next three years, do you think that the total number of vehicles in your company fleet will? Basis: companies with corporate vehicles = 100%

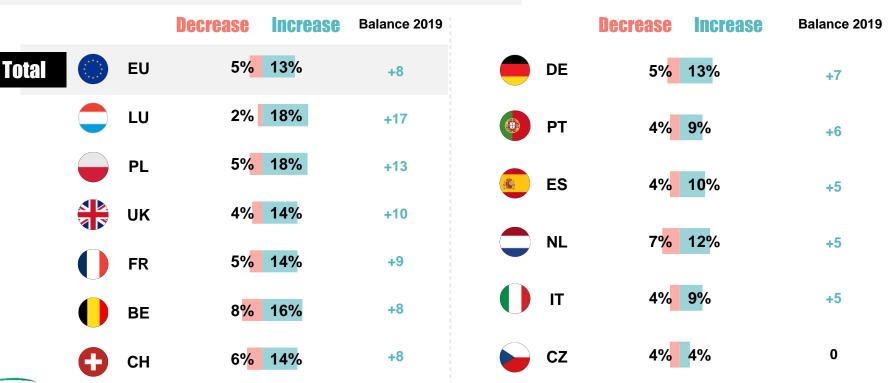
% which think that the total number of vehicles of their company fleet will increase or decrease

	Decrease Increase	Balance 2019	Balance 2018	Balance 2017	Balance 2015
Total	7 <mark>%</mark> 18%	+11	+13	+11	+10
	5 <mark>%</mark> 11%	+6	+8	+8	+4
	<b>4%</b> 15%	+11	+12	+9	+9
	<mark>8%</mark> 21%	+13	+16	+14	+10
	<mark>11%</mark> 26%	+15	+17	+15	+20
Arual Mobility Observatory		Balance = F	leet growth will incr	ease – Fleet gro	wth will decrease

# FLEET GROWTH POTENTIAL by company size

A8. In the next three years, do you think that the total number of vehicles in your company fleet will? **Basis: companies with corporate vehicles = 100%** 

% which think that the total number of vehicles of their company fleet will increase or decrease





Balance = Fleet growth will increase – Fleet growth will decrease  $\frac{24}{24}$ 



## FLEET GROWTH POTENTIAL

by company size

A8. In the next three years, do you think that the total number of vehicles in your company fleet will? **Basis: companies with corporate vehicles = 100%** 

% which think that the total number of vehicles of their company fleet will increase or decrease



			Decrease	Increase	Balance 2019			Decrease	Increase	Balance 2019
Total		EU	9 <mark>%</mark>	23%	+14	$\bigcirc$	NL	1 <mark>2%</mark>	26%	+15
	0	FR	10 <mark>%</mark>	31%	+21		ES	6 <mark>%</mark>	20%	+14
		LU	1 <mark>2%</mark>	32%	+20		РТ	8 <mark>%</mark>	21%	+14
		PL	5% <mark>.</mark>	25%	+20					
		CZ	1%	20%	+19	$\mathbf{U}$	IT	7 <mark>%</mark>	18%	+12
		DE	10 <mark>%</mark>	27%	+17	0	СН	1 <mark>3%</mark>	17%	+4
	$\bullet$	BE	9 <mark>%</mark>	24%	+16		UK	16%	19%	+3

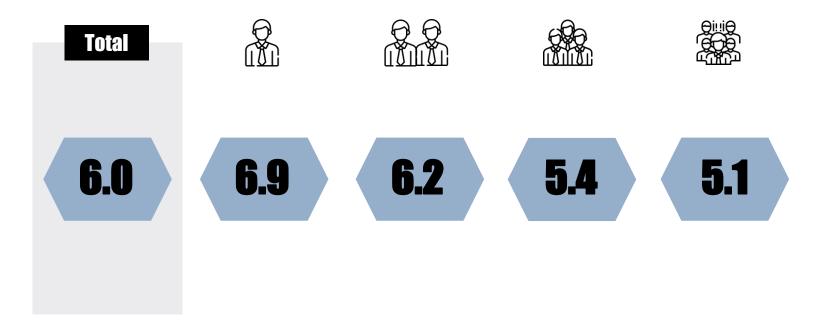


Balance = Fleet growth will increase – Fleet growth will decrease

<u>25</u>

### HOW LONG DO COMPANIES KEEP THEIR VEHICLES?

A25. On average, how long do you keep your vehicles (before being sold or giving back to the leasing company)? **Basis: companies with corporate vehicles = 100%** 





#### HOW LONG DO COMPANIES KEEP THEIR VEHICLES? by company size

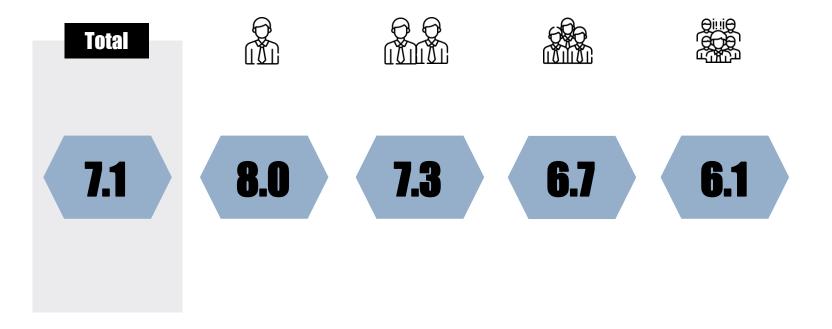
A25. On average, how long do you keep your vehicles (before being sold or giving back to the leasing company)? **Basis: companies with corporate vehicles = 100%** 

		$\bigcirc$										0	
	EU	FR	IT	UK	NL	ES	BE	CZ	DE	PL	PT	СН	LU
Total	6.0	5.3	7.6	5.0	5.0	6.4	5.3	6.1	4.5	6.9	7.5	7.6	4.8
	6.7	6.7	9.1	5.6	5.5	8.1	6.0	6.3	5.0	6.8	8.2	8.0	4.7
	5.3	3.8	5.8	4.3	4.5	4.4	4.5	5.9	4.0	7.0	6.7	7.1	4.9



### HOW LONG DO COMPANIES KEEP THEIR LCVS?

A25b. And how long do you keep your LCV, light commercial vehicles or vans (before being sold or giving back to the leasing company)? Basis: companies with LCVS = 100%







A25b. And how long do you keep your LCV, light commercial vehicles or vans (before being sold or giving back to the leasing company)? Basis: companies with LCVS = 100%

		0	0								()	0	
	EU	FR	IT	UK	NL	ES	BE	CZ	DE	PL	РТ	СН	LU
Total	7.1	6.5	8.6	5.9	5.9	7.1	6.3	6.9	5.8	8.0	7.8	9.0	6.7
	7.7	7.6	9.8	6.3	6.3	8.9	7.0	7.3	6.0	7.8	8.5	9.0	6.8
	6.4	5.2	6.9	5.6	5.4	5.0	5.5	6.6	5.6	8.2	7.1	9.1	6.6



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# **FLEET PROFILE**

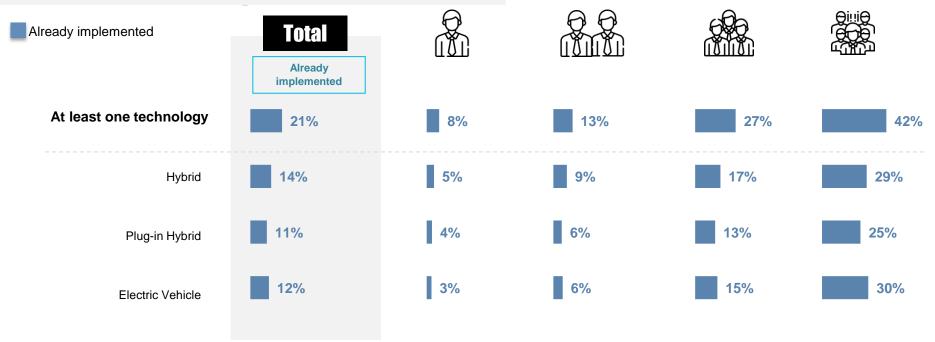
# **CURRENT ENERGIES**



### USE OF ELECTRIC AND HYBRID TECHNOLOGIES

E28. Amongst the following technologies, which ones do you use or are you considering using? Already Implemented. Basis: companies with corporate vehicles = 100%

Proportion of companies having already implemented new energies or technologies in their fleet





### **USE OF ELECTRIC AND HYBRID TECHNOLOGIES**

*E28.* Amongst the following technologies, which ones do you use or are you considering using? Already Implemented. **Basis: companies with corporate vehicles = 100%** 

Proportion of companies having already or considering to implement in the next 3 years new energies or technologies in their fleet







% Already implemented

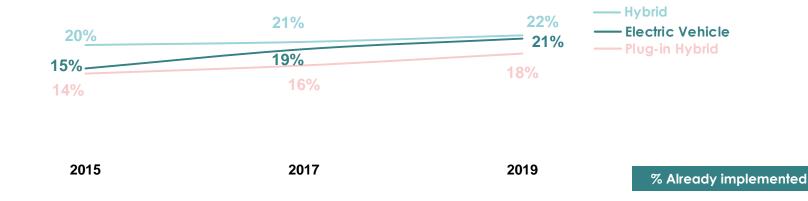


### **USE OF ELECTRIC AND HYBRID TECHNOLOGIES**

*E28.* Amongst the following technologies, which ones do you use or are you considering using? Already Implemented. **Basis: companies with corporate vehicles = 100%** 

Proportion of companies having already or considering to implement in the next 3 years new energies or technologies in their fleet



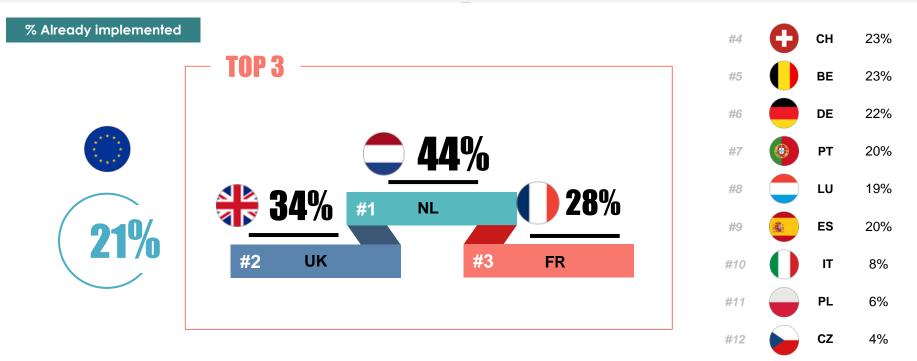




#### USE OF ELECTRIC AND HYBRID TECHNOLOGIES AT LEAST ELECTRIC - HYBRID OR PLUG-IN HYBRID

E28. Amongst the following technologies, which ones do you use or are you considering using? Already Implemented. Basis: companies with corporate vehicles = 100%

Proportion of companies having already implemented new energies or technologies in their fleet (hybrid, plug-in hybrid or electric vehicle)

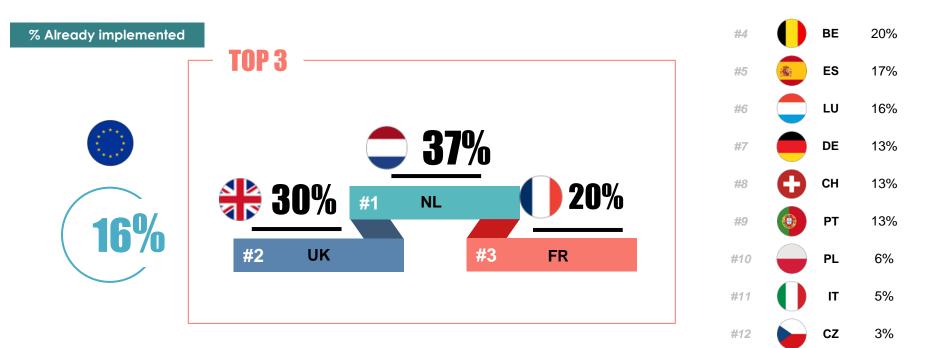




### USE OF HYBRID AND PLUG-IN HYBRID TECHNOLOGIES

*E28.* Amongst the following technologies, which ones do you use or are you considering using? Already Implemented. **Basis: companies with corporate vehicles = 100%** 

Proportion of companies having already or considering to implement hybrid and plug-in hybrid technology

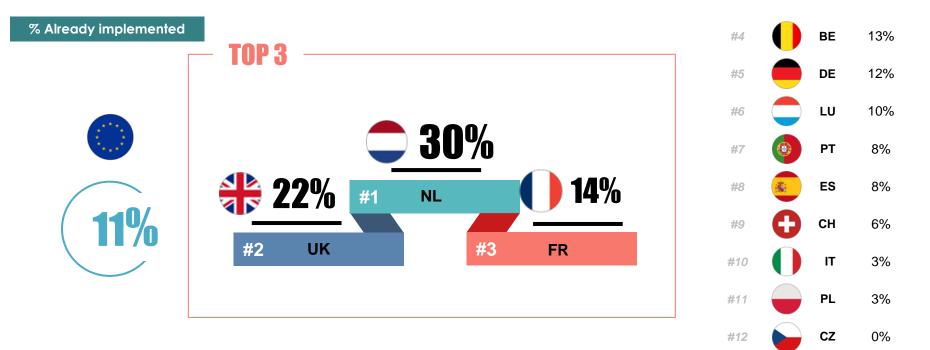




### **USE OF PLUG-IN HYBRID TECHNOLOGIES**

*E28.* Amongst the following technologies, which ones do you use or are you considering using? Already Implemented. **Basis: companies with corporate vehicles = 100%** 

Proportion of companies having already implemented plug-in hybrid technology





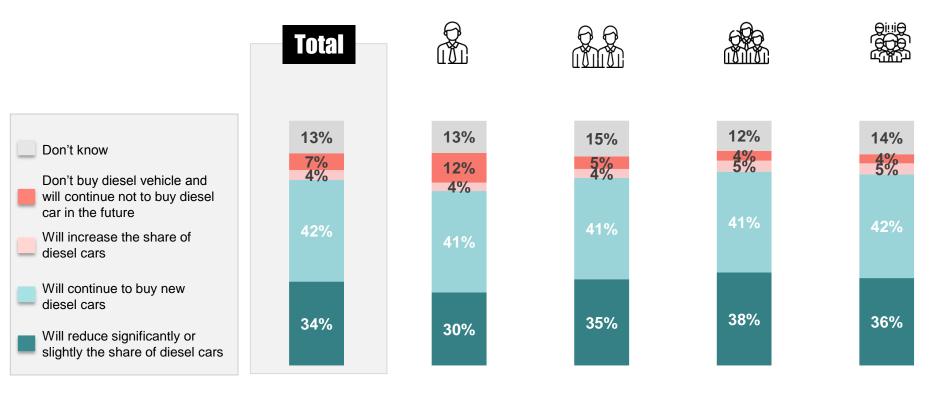


# **ENERGIES MIX EXPECTED**



## DIESEL PURCHASE BEHAVIOUR IN CASE OF EQUIVALENT LEVELS OF EMISSIONS BETWEEN DIESEL AND PETROL CARS

NL20a. If car makers were to produce diesel vehicles with equivalent levels of emissions as petrol cars in terms of NOx and fine particles, what would your company do in the coming years? Basis: companies with corporate vehicles = 100%

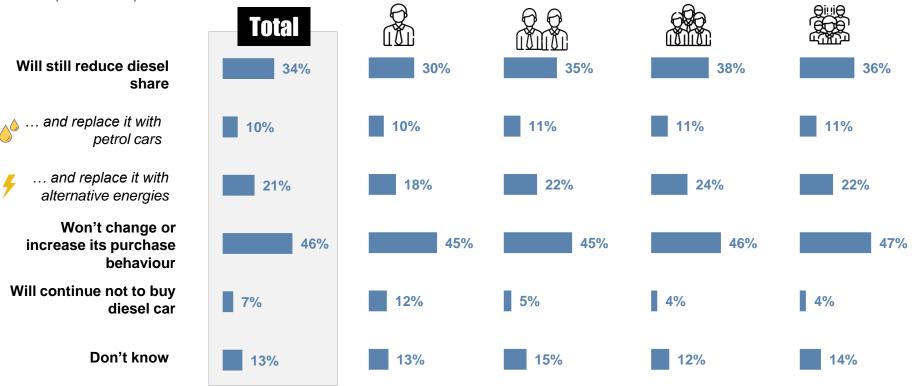




## DIESEL PURCHASE BEHAVIOUR IN CASE OF EQUIVALENT LEVELS OF EMISSIONS BETWEEN DIESEL AND PETROL CARS

NL20a. If car makers were to produce diesel vehicles with equivalent levels of emissions as petrol cars in terms of NOx and fine particles, what would your company do in the coming years? NL20b. And in this case, do you think your company will replace diesel cars with...

Basis: companies with corporate vehicles = 100%





## DIESEL PURCHASE BEHAVIOUR IN CASE OF EQUIVALENT LEVELS OF EMISSIONS BETWEEN DIESEL AND PETROL CARS

		$\bigcirc$								0	
	EU	FR	UK	NL	ES	BE	CZ	DE	PL	СН	LU
Will still reduce diesel share	32%	44%	25%	30%	43%	<b>39</b> %	11%	32%	27%	38%	32%
and replace it with petrol cars	10%	11%	5%	7%	10%	1 <b>2</b> %	<b>9</b> %	1 <b>2</b> %	15%	13%	<b>9</b> %
and replace it with alternative energies	20%	32%	18%	20%	30%	24%	2%	18%	10%	23%	21%
Won't change or expect to increase diesel share	45%	54%	<b>49</b> %	33%	40%	<b>42</b> %	53%	<b>54</b> %	<b>44</b> %	31%	<b>47</b> %
		0				$\bullet$				0	
Will still reduce diesel share	37%	53%	33%	39%	40%	40%	21%	35%	39%	<b>4</b> 1%	32%
and replace it with petrol cars	11%	14%	4%	13%	4%	11%	13%	10%	1 <b>9</b> %	<b>9</b> %	1 <b>4</b> %
and replace it with alternative energies	23%	34%	25%	21%	33%	24%	6%	23%	14%	30%	18%
Won't change or expect to increase diesel share	46%	44%	<b>49</b> %	32%	<b>4</b> 5%	37%	56%	59%	40%	44%	53%



## DEVELOPMENT POTENTIAL OF ELECTRIC AND HYBRID ENERGIES

E28. Amongst the following alternative fuel technologies, which ones do you use or are you considering using? Response scale: Already implemented, considered in the next 3 years, considered but later, not considered. Basis: companies with corporate vehicles = 100%

Proportion of companies having already or considering to implement in the next 3 years new energies or technologies in their fleet (in at least one of their fleet vehicles)





## DEVELOPMENT POTENTIAL OF HYBRID AND ELECTRIC ENERGIES

E28. Amongst the following technologies, which ones do you use or are you considering using? Response scale: Already implemented, considered in the next 3 years, considered but later, not considered. Basis: companies with corporate vehicles = 100%

Proportion of companies having already or considering to implement in the next 3 years new energies or technologies in their fleet



% Already implemented + considered in the next 3 years





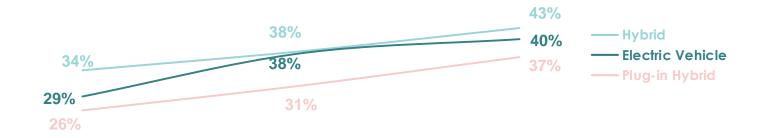
## DEVELOPMENT POTENTIAL OF HYBRID AND ELECTRIC ENERGIES

E28. Amongst the following technologies, which ones do you use or are you considering using? Response scale: Already implemented, considered in the next 3 years, considered but later, not considered. Basis: companies with corporate vehicles = 100%

Proportion of companies having already or considering to implement in the next 3 years new energies or technologies in their fleet



% Already implemented + considered in the next 3 years

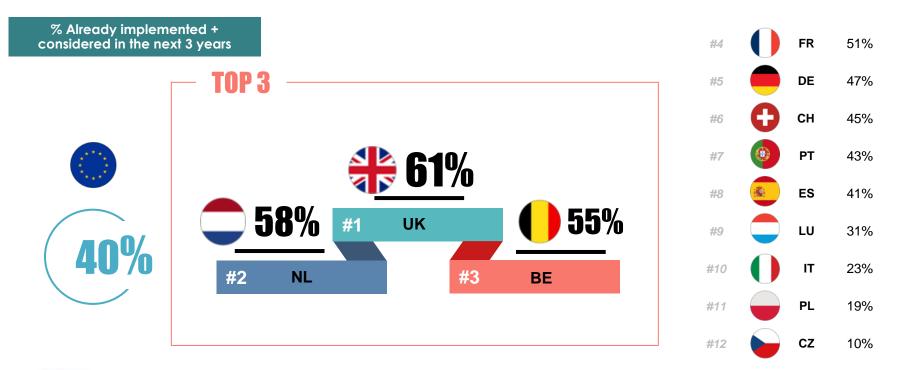




### DEVELOPMENT POTENTIAL OF ELECTRIC AND HYBRID AT LEAST ELECTRIC - HYBRID OR PLUG-IN HYBRID

E28. Amongst the following technologies, which ones do you use or are you considering using? Response scale: Already implemented, considered in the next 3 years, considered but later, not considered. Basis: companies with corporate vehicles = 100%

Proportion of companies having already or considering to implement in the next 3 years new energies or technologies in their fleet (hybrid, plug-in hybrid or electric vehicle)

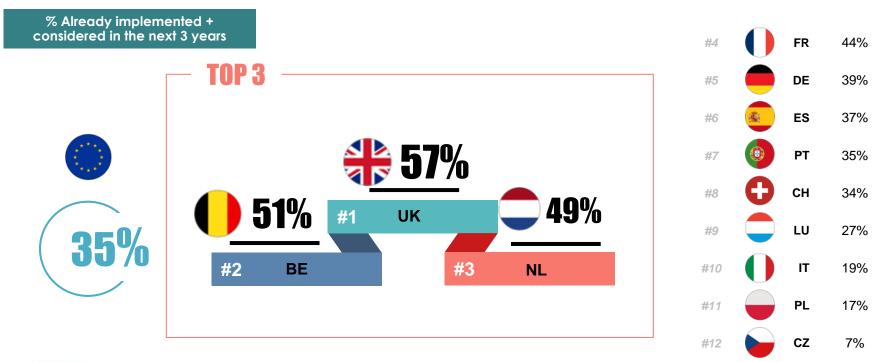




## DEVELOPMENT POTENTIAL OF HYBRID AND PLUG-IN HYBRID

E28. Amongst the following technologies, which ones do you use or are you considering using? Response scale: Already implemented, considered in the next 3 years, considered but later, not considered. Basis: companies with corporate vehicles = 100%

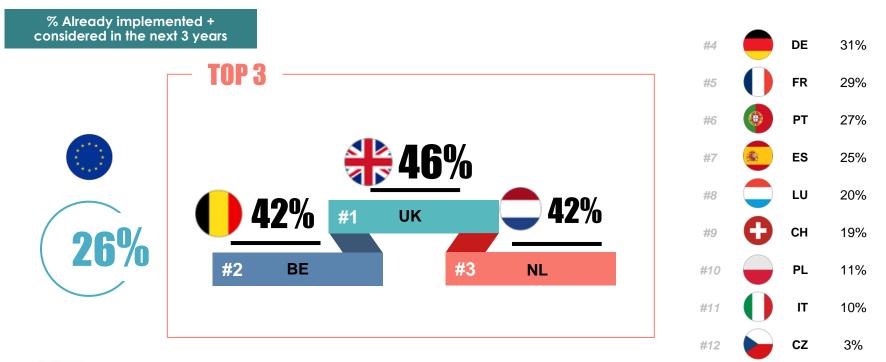
Proportion of companies having already or considering to implement in the next 3 years hybrid or plug-in hybrid technology in their fleet



## **DEVELOPMENT POTENTIAL OF PLUG-IN HYBRID**

E28. Amongst the following technologies, which ones do you use or are you considering using? Response scale: Already implemented, considered in the next 3 years, considered but later, not considered. Basis: companies with corporate vehicles = 100%

Proportion of companies having already or considering to implement in the next 3 years Plug-in hybrid technology in their fleet

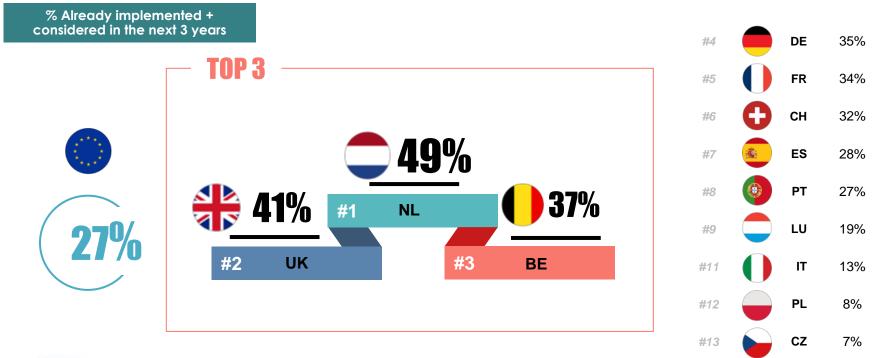




# DEVELOPMENT POTENTIAL OF ELECTRIC VEHICLE

E28. Amongst the following technologies, which ones do you use or are you considering using? Response scale: Already implemented, considered in the next 3 years, considered but later, not considered. Basis: companies with corporate vehicles = 100%

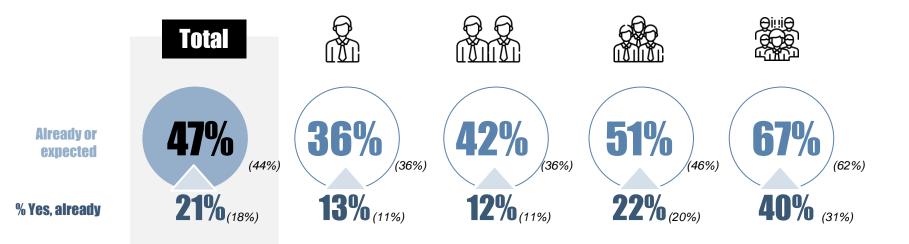
Proportion of companies having already or considering to implement in the next 3 years electric vehicle (excluding hybrid and plug-in hybrid technologies) in their fleet





NL17. Today, fuel consumption and CO2 emissions are determined with a new, more realistic test cycle: the WLTP-test. Has, or will the new higher and more realistic fuel consumption levels and related CO2 emissions impact on your fleet policy? **Basis: companies with corporate vehicles = 100%** 

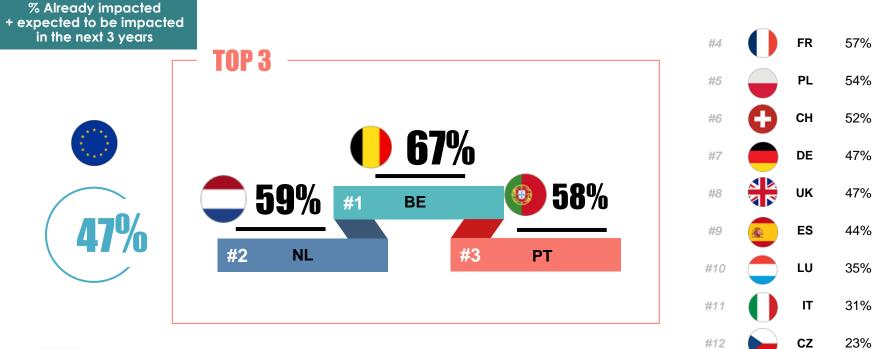
Proportion of companies having already or expecting to be impacted in the next 3 years by the new WLTP test





NL17. Today, fuel consumption and CO2 emissions are determined with a new, more realistic test cycle: the WLTP-test. Has, or will the new higher and more realistic fuel consumption levels and related CO2 emissions impact on your fleet policy? Basis: companies with corporate vehicles = 100%

Proportion of companies having already or expecting to be impacted in the next 3 years by the new WLTP test

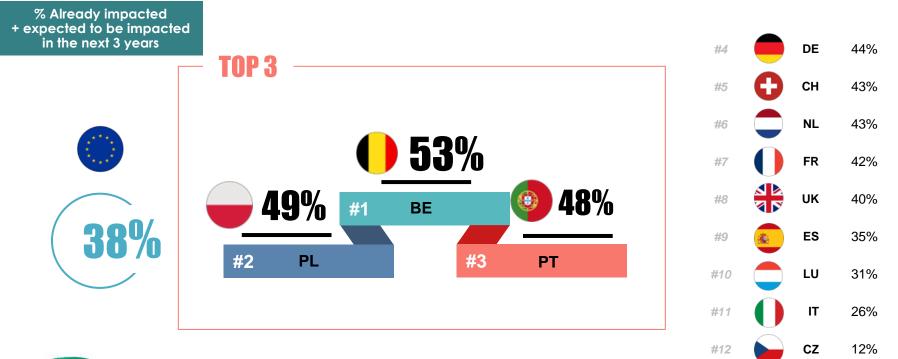




NL17. Today, fuel consumption and CO2 emissions are determined with a new, more realistic test cycle: the WLTP-test. Has, or will the new higher and more realistic fuel consumption levels and related CO2 emissions impact on your fleet policy? **Basis: companies with corporate vehicles = 100%** 

Proportion of companies having already or expecting to be impacted in the next 3 years by the new WLTP test

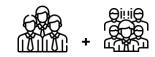


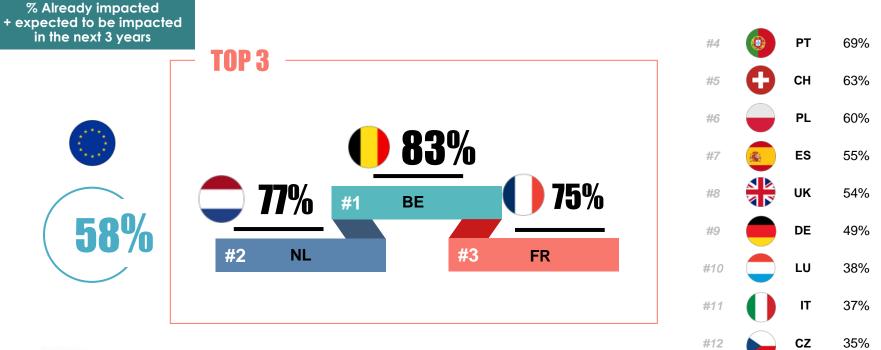


**CS**a

NL17. Today, fuel consumption and CO2 emissions are determined with a new, more realistic test cycle: the WLTP-test. Has, or will the new higher and more realistic fuel consumption levels and related CO2 emissions impact on your fleet policy? Basis: companies with corporate vehicles = 100%

Proportion of companies having already or expecting to be impacted in the next 3 years by the new WLTP test







### **IMPACT OF THE WLTP TEST INTRODUCTION** PROPORTION OF COMPANIES EXPECTING TO ADJUST CARS LEVEL

NL17b. Because of these new constraints resulting from the introducing of the new WLTP test, will you adjust the level of cars provided to your employees to compensate? Basis: companies with corporate vehicles = 100%

Proportion of companies expecting to adjust the level of cars to compensate the impact of the WLTP test

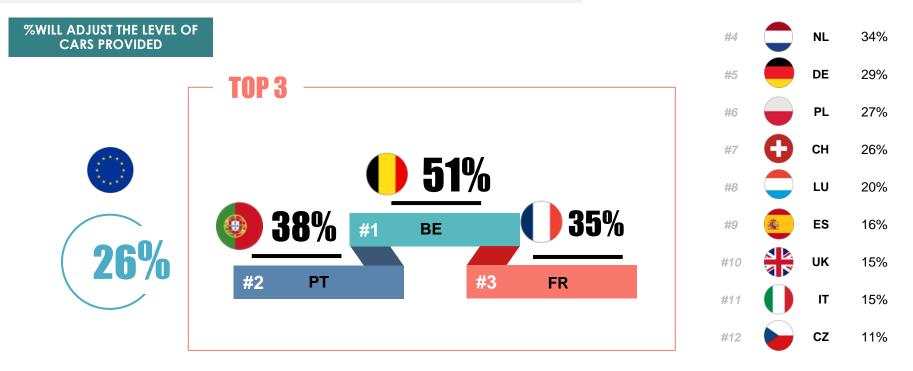




## IMPACT OF THE WLTP TEST INTRODUCTION PROPORTION OF COMPANIES EXPECTING TO ADJUST CARS LEVEL

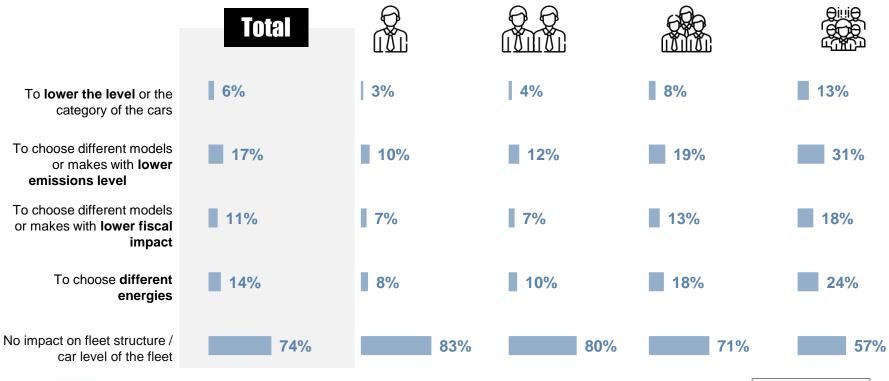
NL17b. Because of these new constraints resulting from the introducing of the new WLTP test, will you adjust the level of cars provided to your employees to compensate? Basis: companies with corporate vehicles = 100%

Proportion of companies expecting to adjust the level of cars to compensate the impact of the WLTP test



### **IMPACT OF THE WLTP TEST INTRODUCTION** COMPENSATIONS EXPECTING BY COMPANIES DUE TO WLTP TEST

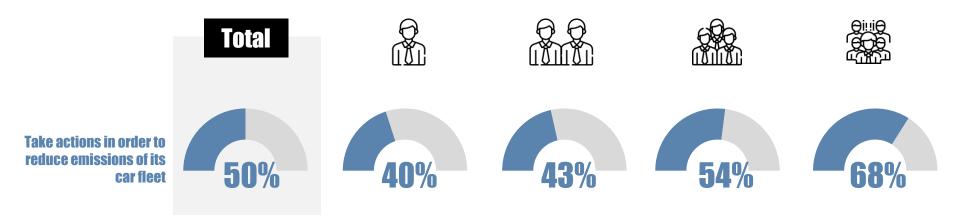
NL17c. What kinds of compensations are you likely to implement? / Several answers possible: sum can be higher than 100% Basis: companies with corporate vehicles = 100%





## **COMPANIES TAKEN ACTIONS TO REDUCE FLEET EMISSIONS**

NL19a. In its fleet vehicle purchasing strategy or Car Policy, does your company take actions in order to reduce emissions of its car fleet? **Basis : Companies with corporate vehicles, without "don't know"** 

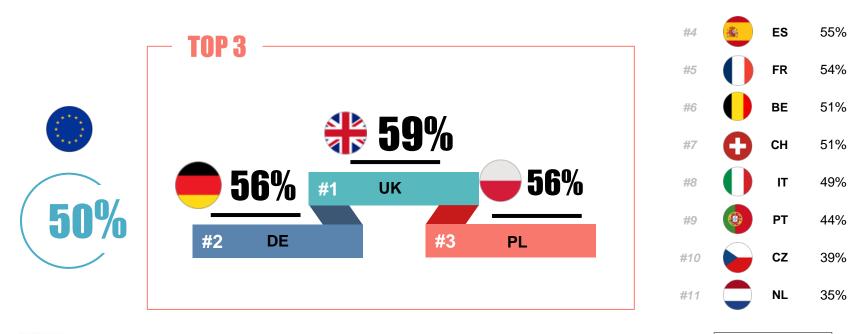




## **COMPANIES TAKEN ACTIONS TO REDUCE FLEET EMISSIONS**

NL19a. In its fleet vehicle purchasing strategy or Car Policy, does your company take actions in order to reduce emissions of its car fleet? Basis : Companies with corporate vehicles, without "don't know"

#### %TAKE ACTIONS IN ORDER TO REDUCE EMISSIONS OF ITS CAR FLEET

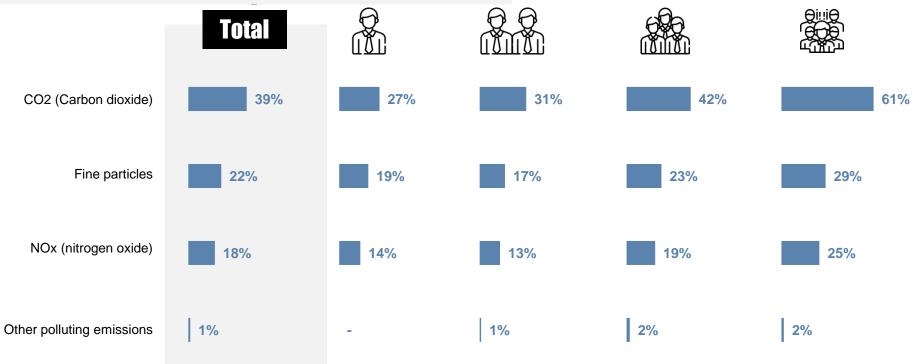


CSA Arual Mobility Observatory

# **EMISSIONS CONSIDERED IN THE CAR POLICY**

NL19b. Which of the following emissions do you take into account in your company car policy? Basis : Companies with corporate vehicles, without "don't know"

Proportion of companies taking into account the following pollutant emission in their fleet policy



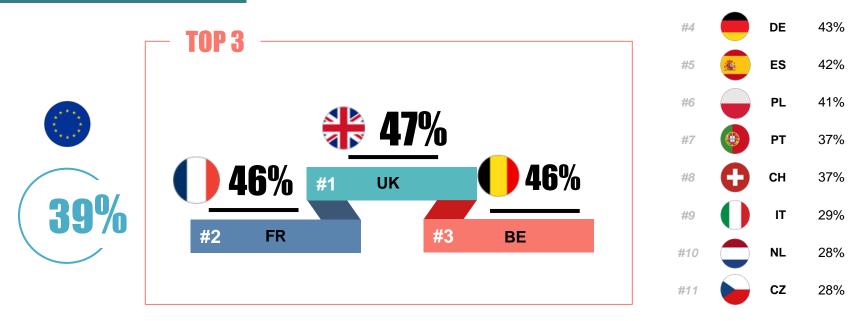


# PROPORTION OF COMPANIES TAKING CO2 EMISSIONS INTO ACCOUNT IN THEIR CAR POLICY

NL19b. Which of the following emissions do you take into account in your company car policy? **Basis : Companies with corporate vehicles, without "don't know"** 

Proportion of companies taking into account CO2 emissions in their car policy

#### %TAKE ACTIONS IN ORDER TO REDUCE EMISSIONS OF ITS CAR FLEET



CSa Arvol Mobility Observotory



# FINANCING

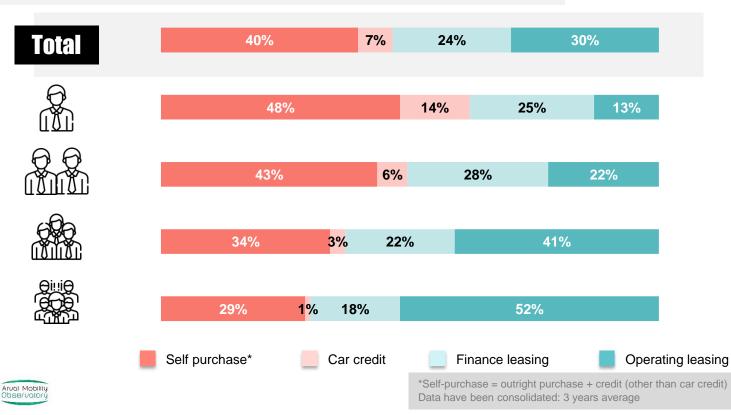


## MAIN FINANCING METHOD

B2. What is the main financing method used to finance your company vehicles today? Basis: companies with corporate vehicles = 100%

csa

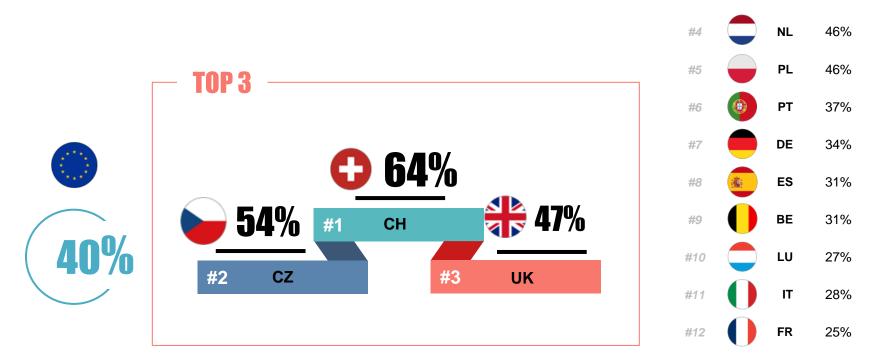
Proportion of companies using the following solutions as their main financing method for their fleet vehicles



## MAIN FINANCING METHOD Self purchase

B2. What is the main financing method used to finance your company vehicles today? Basis: companies with corporate vehicles = 100%

Proportion of companies using self purchase as their main financing method for their fleet vehicles

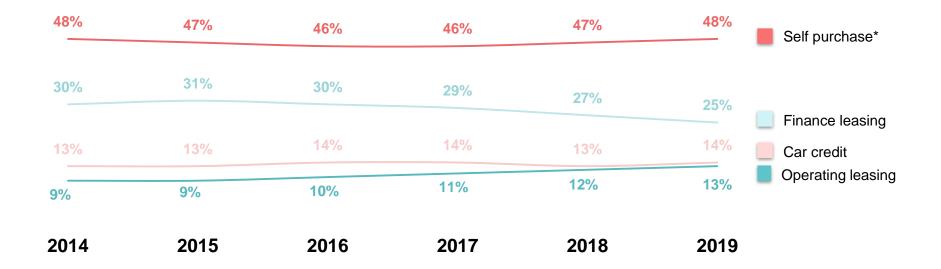




### EVOLUTION OF THE MAIN FINANCING METHOD FOCUS ON 1 TO 9

B2. What is the main financing method used to finance your company vehicles today? Basis: companies with corporate vehicles = 100%

Proportion of companies using the following solutions as their main financing method for their fleet vehicles





\*Self-purchase = outright purchase + credit (other than car credit)

Data have been consolidated: 3 years average

### EVOLUTION OF THE MAIN FINANCING METHOD FOCUS ON 10 TO 99

B2. What is the main financing method used to finance your company vehicles today? Basis: companies with corporate vehicles = 100%

Proportion of companies using the following solutions as their main financing method for their fleet vehicles



44%	44%	43%	43%	43%	43%	Self purchase*
31% 17%	31% 17%	30% 18%	29% 20%	29% 21%	28% 22%	<ul> <li>Finance leasing</li> <li>Operating leasing</li> </ul>
8%	8%	8%	8%	7%	6%	Car credit
2014	2015	2016	2017	2018	2019	



\*Self-purchase = outright purchase + credit (other than car credit)

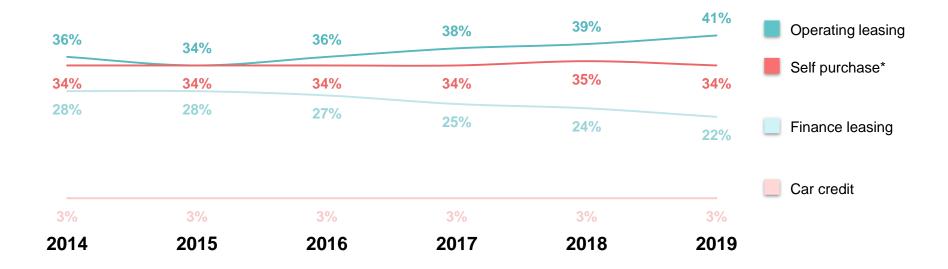
Data have been consolidated: 3 years average

### EVOLUTION OF THE MAIN FINANCING METHOD FOCUS ON 100 TO 249/499/999

B2. What is the main financing method used to finance your company vehicles today? Basis: companies with corporate vehicles = 100%

Proportion of companies using the following solutions as their main financing method for their fleet vehicles





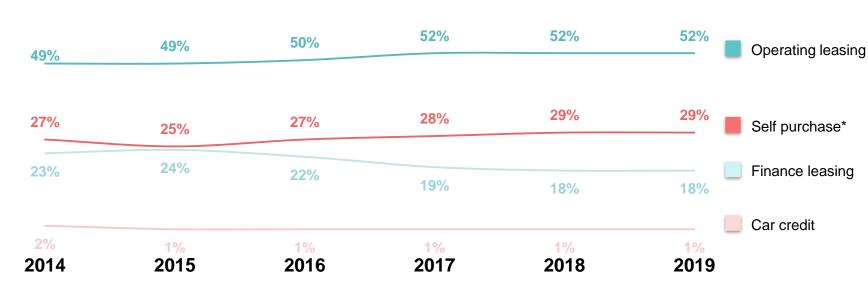


\*Self-purchase = outright purchase + credit (other than car credit) Data have been consolidated: 3 years average Results provided for 2016 are calculated by the mean of an extrapolation between the results of the years 2015 and 2017.

### EVOLUTION OF THE MAIN FINANCING METHOD FOCUS ON 250/500/1000 AND MORE

B2. What is the main financing method used to finance your company vehicles today? Basis: companies with corporate vehicles = 100%

Proportion of companies using the following solutions as their main financing method for their fleet vehicles







\*Self-purchase = outright purchase + credit (other than car credit)

Data have been consolidated: 3 years average

### EVOLUTION OF THE MAIN FINANCING METHOD FOCUS ON 1 TO 99

B2. What is the main financing method used to finance your company vehicles today? Basis: companies with corporate vehicles = 100%

Proportion of companies using the following solutions as their main financing method for their fleet vehicles



47%	46%	45%	45%	46%	46% Self purchase*
31%	31%	30%	29%	28%	26% 📃 Finance leasing
12%	12%	13%	14%	16%	17% Operating leasing
11%	11%	11%	12%	11%	11% Car credit
2014	2015	2016	2017	2018	2019



\*Self-purchase = outright purchase + credit (other than car credit)

Data have been consolidated: 3 years average

### EVOLUTION OF THE MAIN FINANCING METHOD FOCUS ON 100 AND MORE

B2. What is the main financing method used to finance your company vehicles today? Basis: companies with corporate vehicles = 100%

Proportion of companies using the following solutions as their main financing method for their fleet vehicles



2% 2014	3% 2015	2% 2016	2% 2017	2% 2018	2% 2019	Car credit
26%	27%	25%	23%	21%	20%	Finance leasing
31 <u>%</u>	30%	31%	32%	32%	32%	Self purchase*
41%	41%	42%	44%	45%	46%	Operating leasing

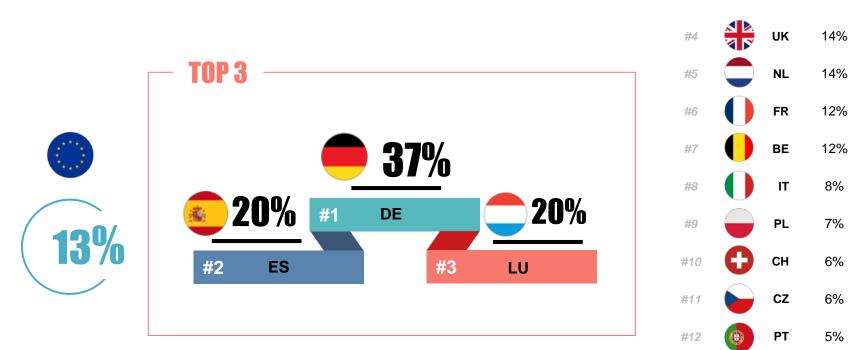


\*Self-purchase = outright purchase + credit (other than car credit)

Data have been consolidated: 3 years average

# MAIN FINANCING METHOD – Focus Operating leasing focus on 1 to 9

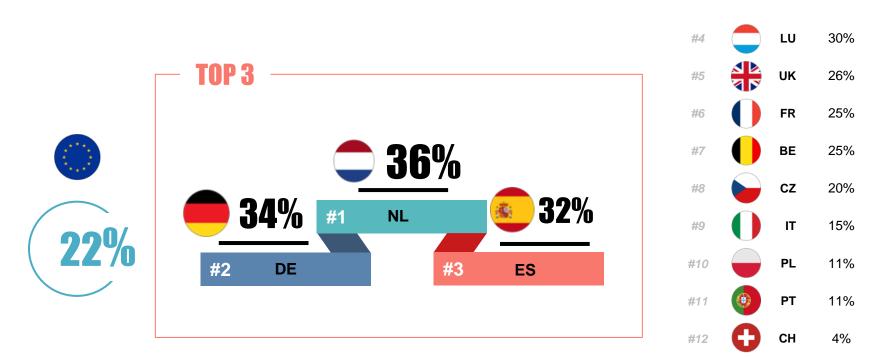
*B2.* What is the main financing method used to finance your company vehicles today? **Basis: companies with corporate vehicles = 100%** 





# MAIN FINANCING METHOD – Focus Operating leasing focus on 10 to 99

*B2.* What is the main financing method used to finance your company vehicles today? **Basis: companies with corporate vehicles = 100%** 

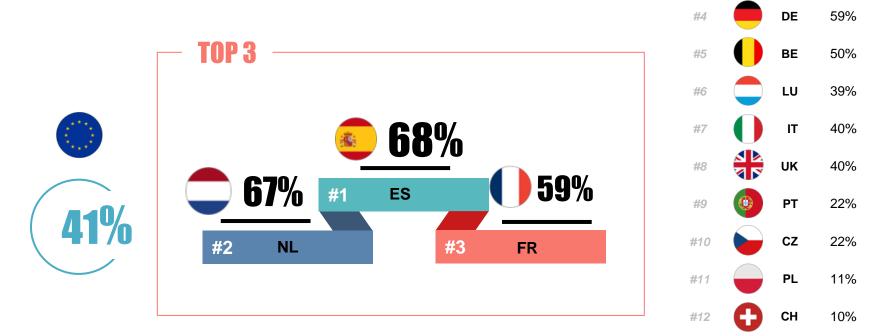




# MAIN FINANCING METHOD – Focus Operating leasing focus on 100 to 249/499/999

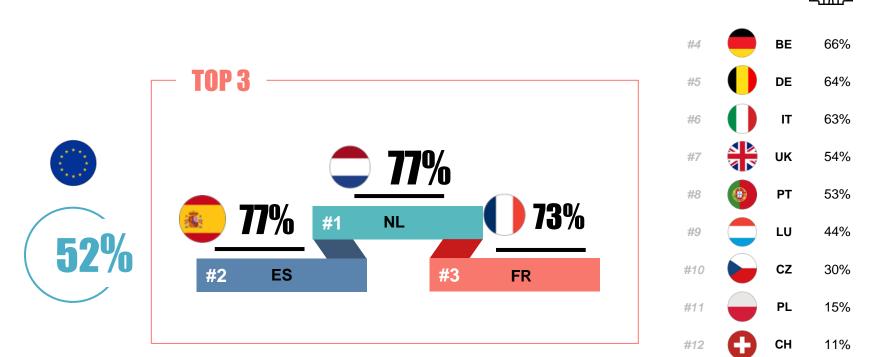
B2. What is the main financing method used to finance your company vehicles today? **Basis: companies with corporate vehicles = 100%** 





# MAIN FINANCING METHOD – Focus Operating leasing focus on 250/500/1000 and more

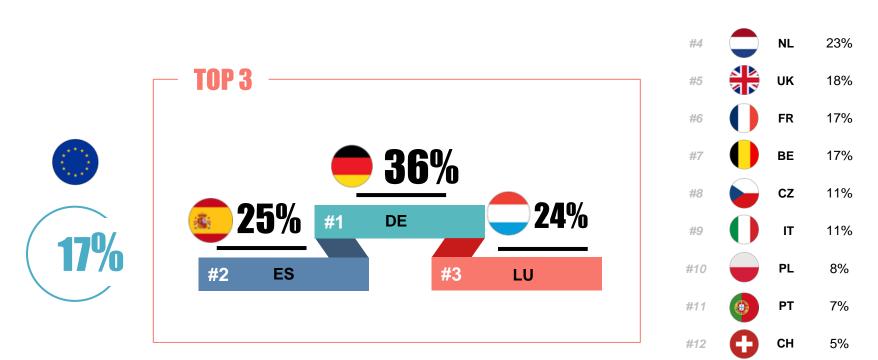
B2. What is the main financing method used to finance your company vehicles today? Basis: companies with corporate vehicles = 100%





# MAIN FINANCING METHOD – Focus Operating leasing focus on 1 to 99

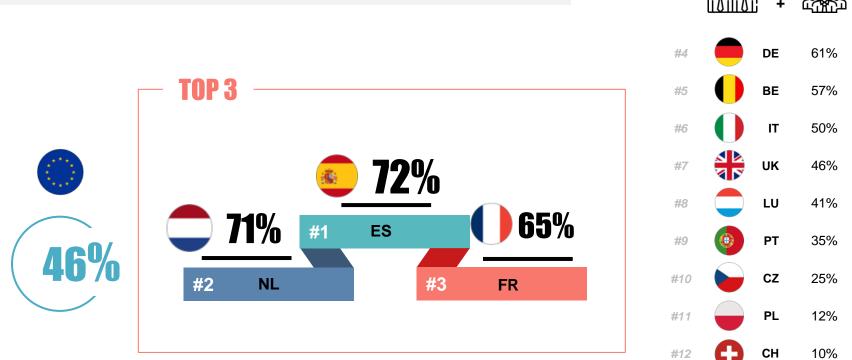
B2. What is the main financing method used to finance your company vehicles today? Basis: companies with corporate vehicles = 100%



### MAIN FINANCING METHOD – Focus Operating leasing focus on 100 and more

B2. What is the main financing method used to finance your company vehicles today? Basis: companies with corporate vehicles = 100%

Proportion of companies using operating leasing as their main financing method for their fleet vehicles

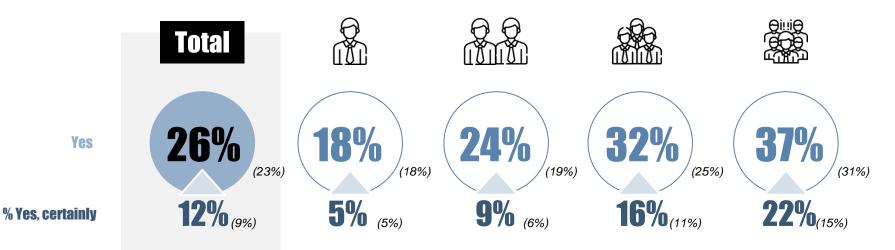




B8bis. In the next three years, do you intend to develop Operating Leasing in order to finance your corporate fleet?

B8bisPT. (PT and DE) In the next three years do you intend to introduce or increase Renting in your corporate fleet to benefit from the use of the vehicles, rather than to finance or buy vehicles for your company?

Basis: companies with corporate vehicles = 100%

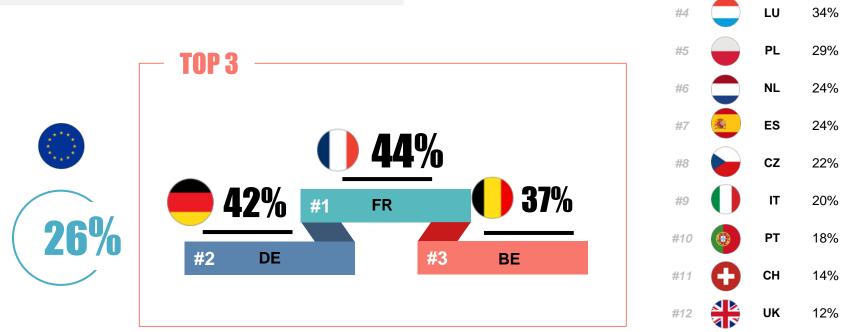




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Basis: companies with corporate vehicles = 100%

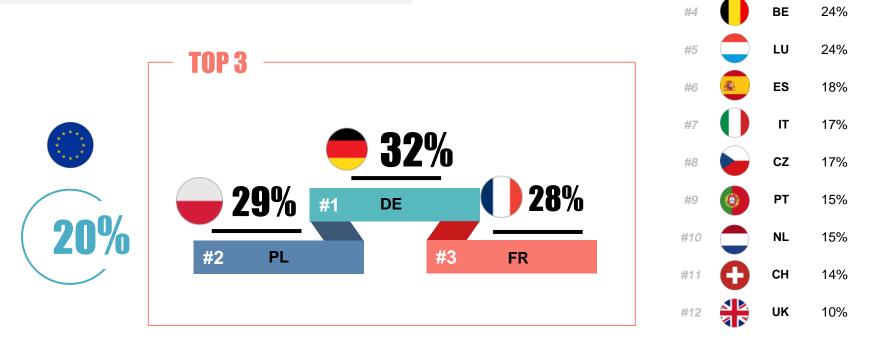




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Basis: companies with corporate vehicles = 100%



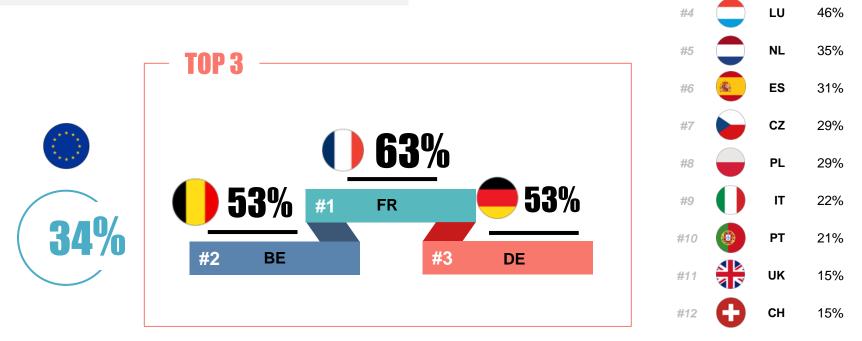




B8bis. In the next three years, do you intend to develop Operating Leasing in order to finance your corporate fleet?

B8bisPT. (PT and DE) In the next three years do you intend to introduce or increase Renting in your corporate fleet to benefit from the use of the vehicles, rather than to finance or buy vehicles for your company?

Basis: companies with corporate vehicles = 100%



### TELEMATICS AND DIGITAL TOOLS



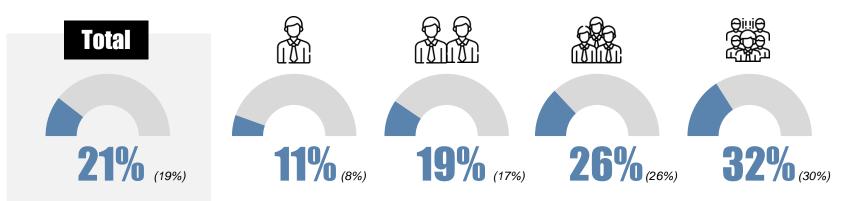
IV

E23a and E23c. Have you implemented Telematics within your fleet... Basis: companies with corporate vehicles = 100%

Proportion of companies having implemented telematics in their fleet

YES, FOR ALL OR PART OF THE FLEET

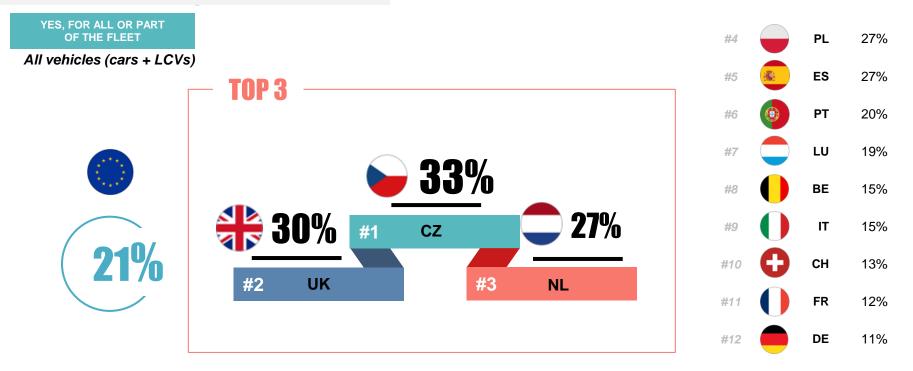
All vehicles (cars + LCVs)





E23a and E23c. Have you implemented Telematics within your fleet... Basis: companies with corporate vehicles = 100%

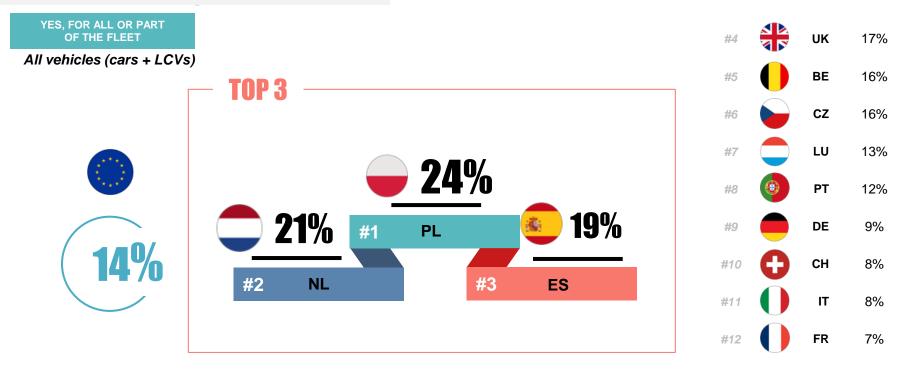
Proportion of companies having implemented telematics in their fleet





E23a and E23c. Have you implemented Telematics within your fleet... Basis: companies with corporate vehicles = 100%

Proportion of companies having implemented telematics in their fleet

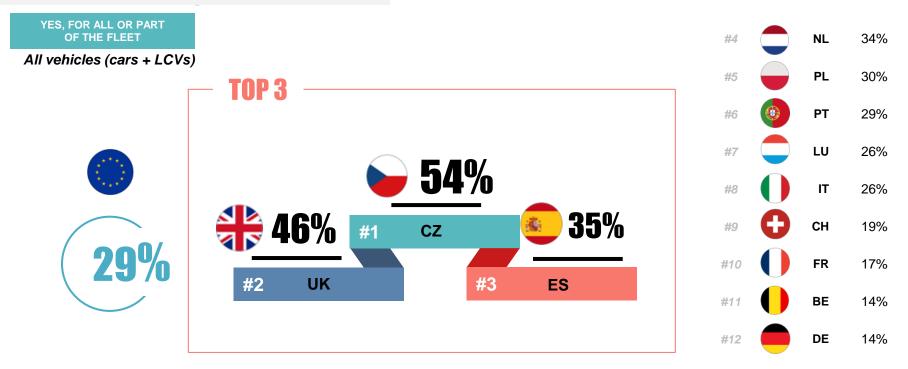


CSa Arvol Mobility Observotory



E23a and E23c. Have you implemented Telematics within your fleet... Basis: companies with corporate vehicles = 100%

Proportion of companies having implemented telematics in their fleet



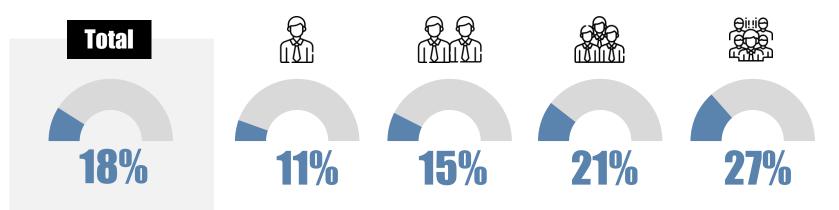


E23a and E23c. Have you implemented Telematics within your fleet... Basis: companies with corporate vehicles and having at least a car= 100%

Proportion of companies having implemented telematics in their fleet

YES, FOR ALL OR PART OF THE FLEET

With regards to cars



The total Europe take into consideration the questions E23a and E23c

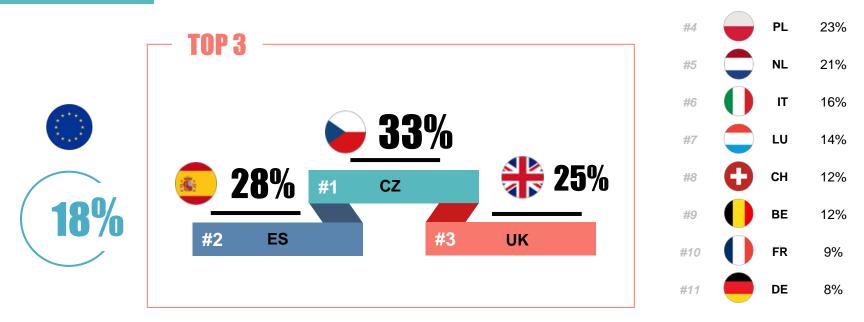
Portugal excluded / question not asked





E23a and E23c. Have you implemented Telematics within your fleet... Basis: companies with corporate vehicles and having at least a car= 100%

Proportion of companies having implemented telematics in their fleet



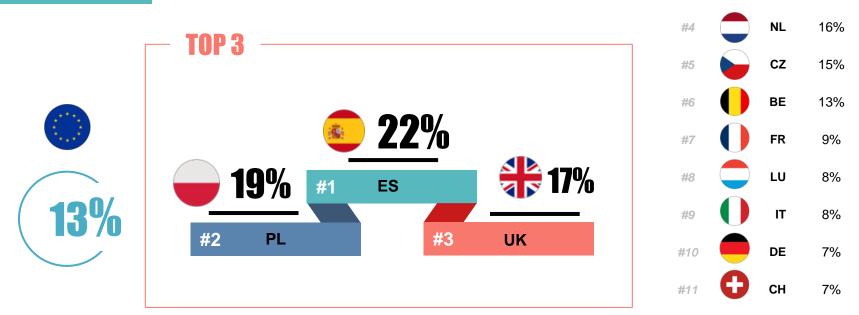




E23a and E23c. Have you implemented Telematics within your fleet... Basis: companies with corporate vehicles and having at least a car= 100%

Proportion of companies having implemented telematics in their fleet





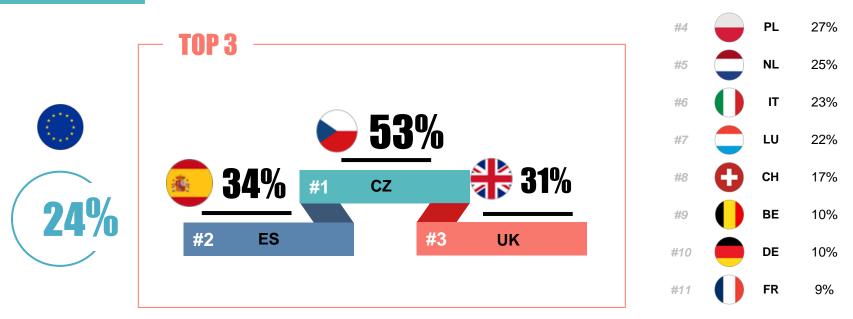




E23a and E23c. Have you implemented Telematics within your fleet... Basis: companies with corporate vehicles and having at least a car= 100%

Proportion of companies having implemented telematics in their fleet





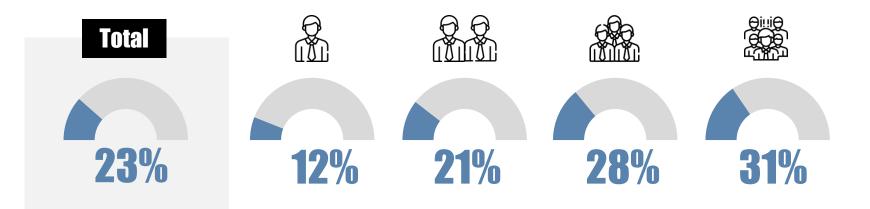




E23a and E23c. Have you implemented Telematics within your fleet... Basis: companies with corporate vehicles and having at least a LCV= 100%

Proportion of companies having implemented telematics in their fleet

YES, FOR ALL OR PART OF THE FLEET



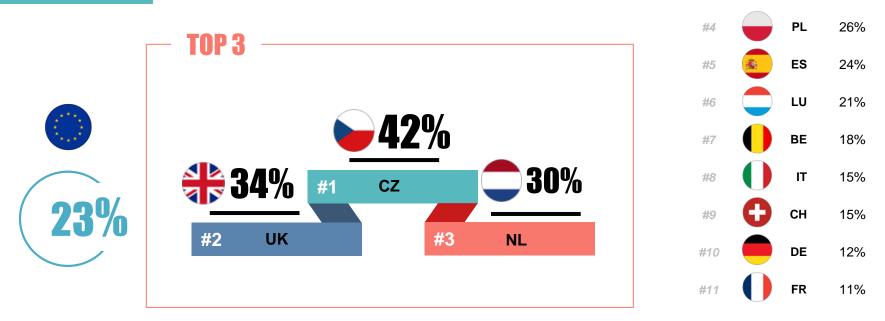
The total Europe take into consideration the questions E23a and E23c





E23a and E23c. Have you implemented Telematics within your fleet... Basis: companies with corporate vehicles and having at least a LCV= 100%

Proportion of companies having implemented telematics in their fleet





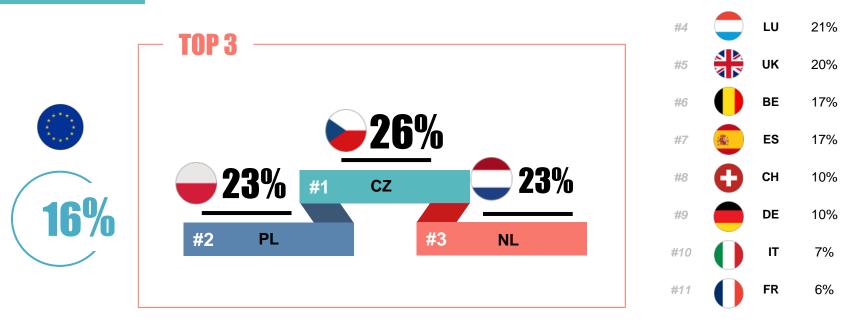


## **PROPORTION OF COMPANIES USING TELEMATICS** with regards to LCVs



E23a and E23c. Have you implemented Telematics within your fleet... Basis: companies with corporate vehicles and having at least a LCV= 100%

Proportion of companies having implemented telematics in their fleet





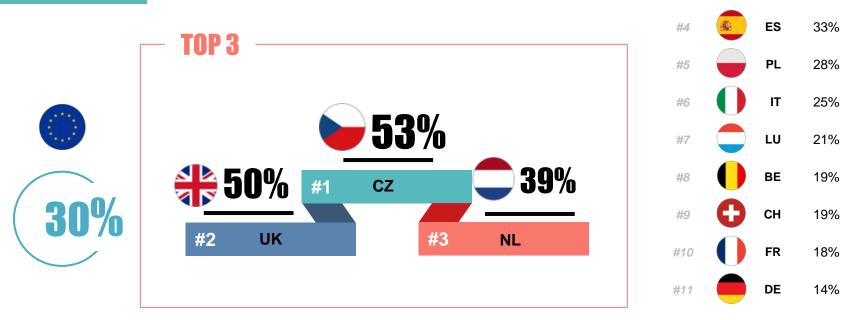


## **PROPORTION OF COMPANIES USING TELEMATICS** with regards to LCVs



E23a and E23c. Have you implemented Telematics within your fleet... Basis: companies with corporate vehicles and having at least a LCV= 100%

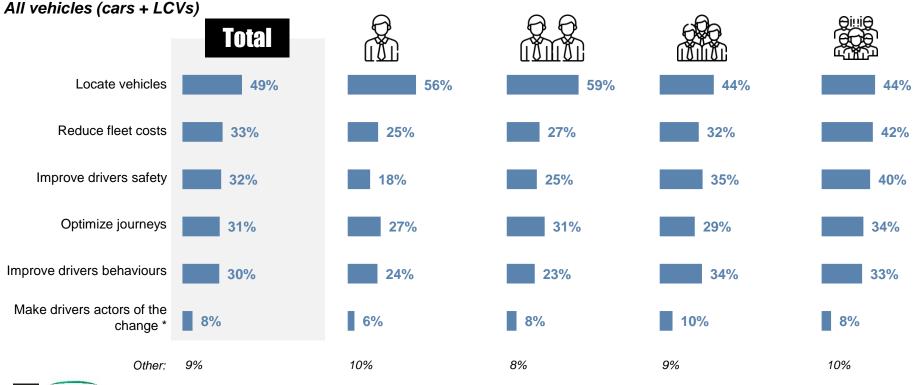
Proportion of companies having implemented telematics in their fleet





### **PURPOSES FOR USING TELEMATICS**

E25ab. What are the two main reasons you use telematics in your company fleet? E25. (PT) For which reasons do you use telematics within your company? Basis: Companies having implemented telematics = 100%





**CS**a

WARNING : Only 2 answers allowed in E25ab while no restrictriction applied for E25

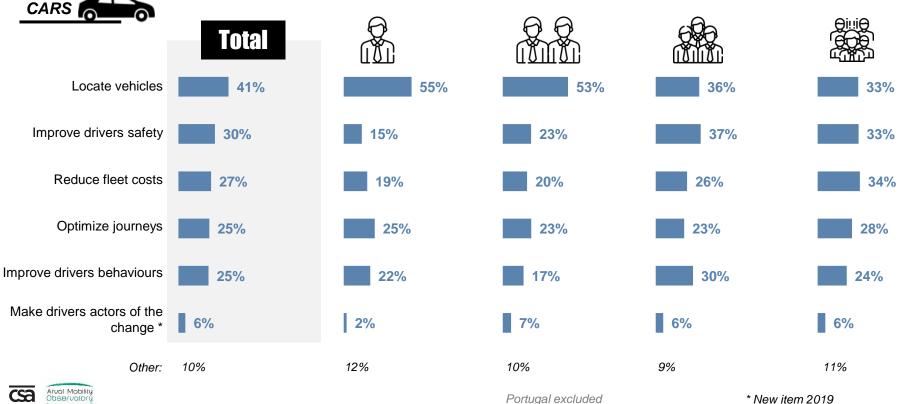
\* New item 2019

91

### PURPOSES FOR USING TELEMATICS

E25ab. What are the two main reasons you use telematics in your company fleet? Basis: Companies with cars in fleet and having implemented telematics = 100%

Observotori

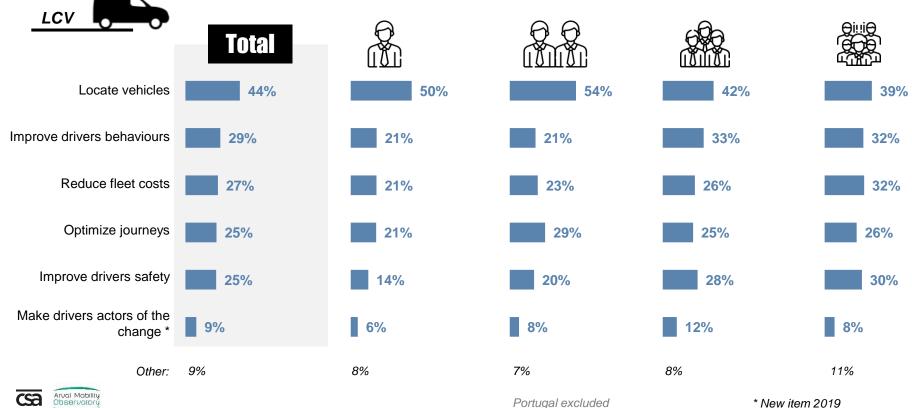


<u>92</u>

### PURPOSES FOR USING TELEMATICS

E25ab. What are the two main reasons you use telematics in your company fleet? Basis: Companies with LCVs in fleet and having implemented telematics = 100%

Observotori



### PERSPECTIVE IN TERMS OF CORPORATE MOBILITY

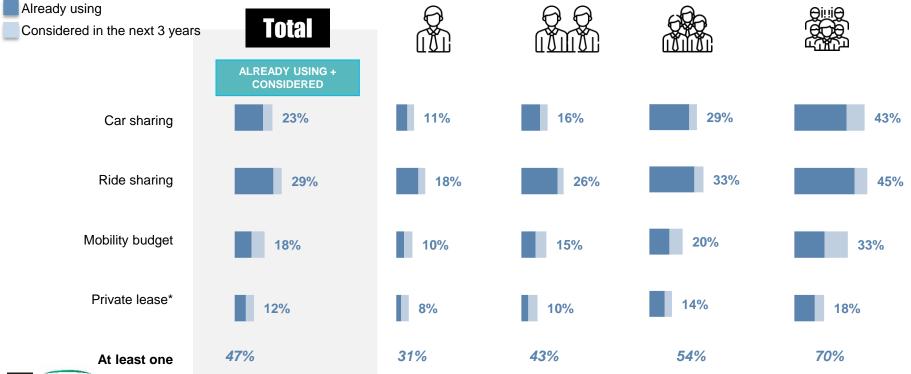


V

#### **DEVELOPMENT POTENTIAL OF MOBILITY ALTERNATIVES**

MM9. in the next 3 years, would you consider using the following alternatives? **Basis: companies with corporate vehicles = 100%** 

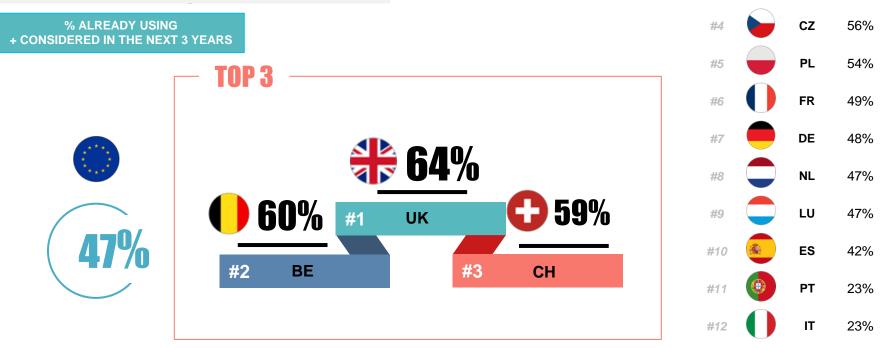
Proportion of companies already using the following mobility alternatives



CSA

#### **DEVELOPMENT POTENTIAL OF MOBILITY ALTERNATIVES** Car sharing, Ride sharing, Mobility budget or Private lease

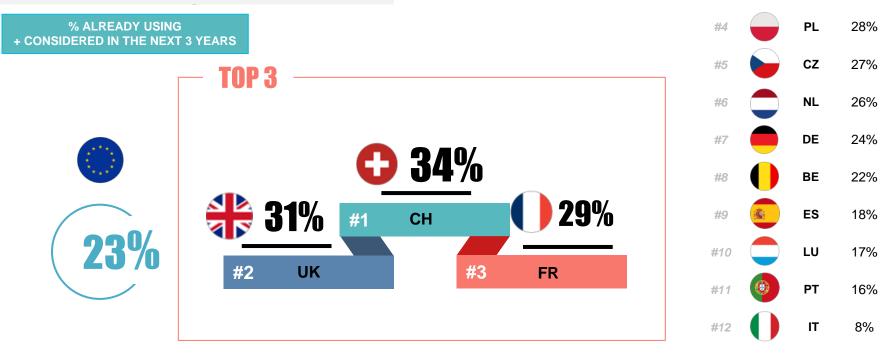
MM9. in the next 3 years, would you consider using the following alternatives? **Basis: companies with corporate vehicles = 100%** 





#### DEVELOPMENT POTENTIAL OF MOBILITY ALTERNATIVES Car sharing

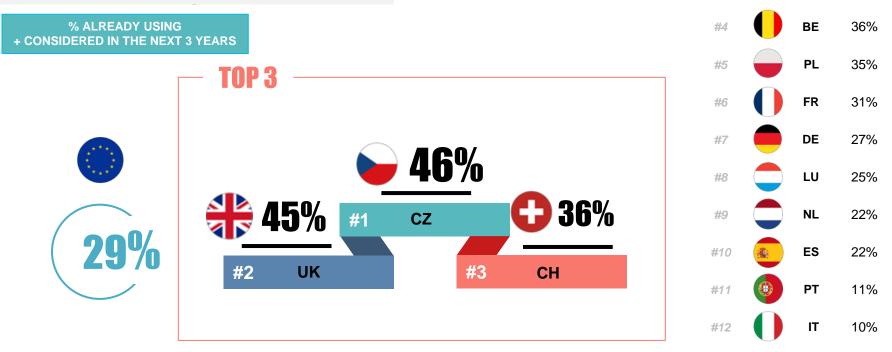
MM9. in the next 3 years, would you consider using the following alternatives? **Basis: companies with corporate vehicles = 100%** 





#### DEVELOPMENT POTENTIAL OF MOBILITY ALTERNATIVES Ride sharing

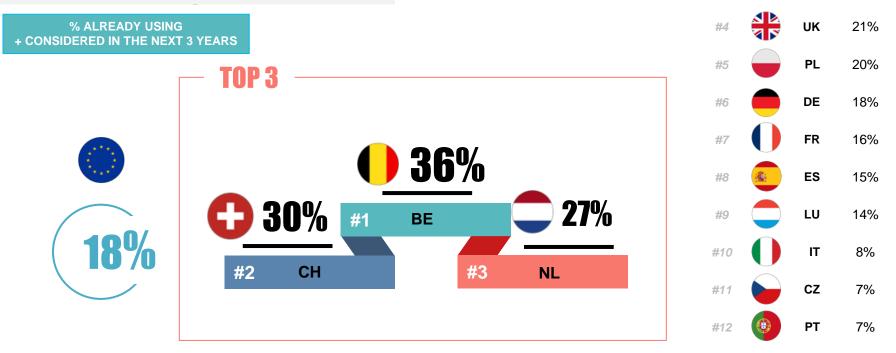
MM9. in the next 3 years, would you consider using the following alternatives? **Basis: companies with corporate vehicles = 100%** 





#### DEVELOPMENT POTENTIAL OF MOBILITY ALTERNATIVES Mobility budget

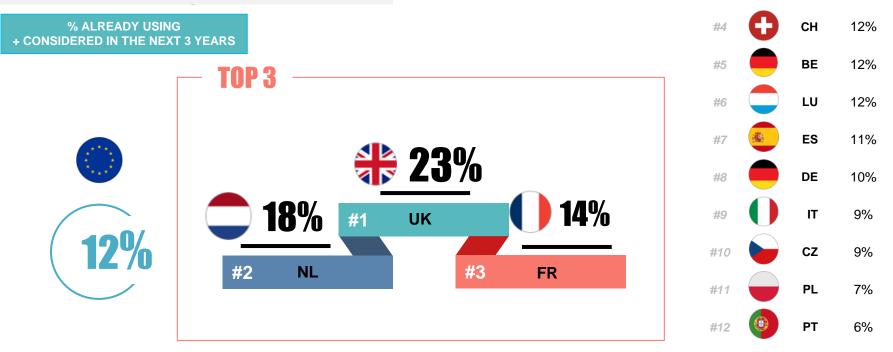
MM9. in the next 3 years, would you consider using the following alternatives? **Basis: companies with corporate vehicles = 100%** 

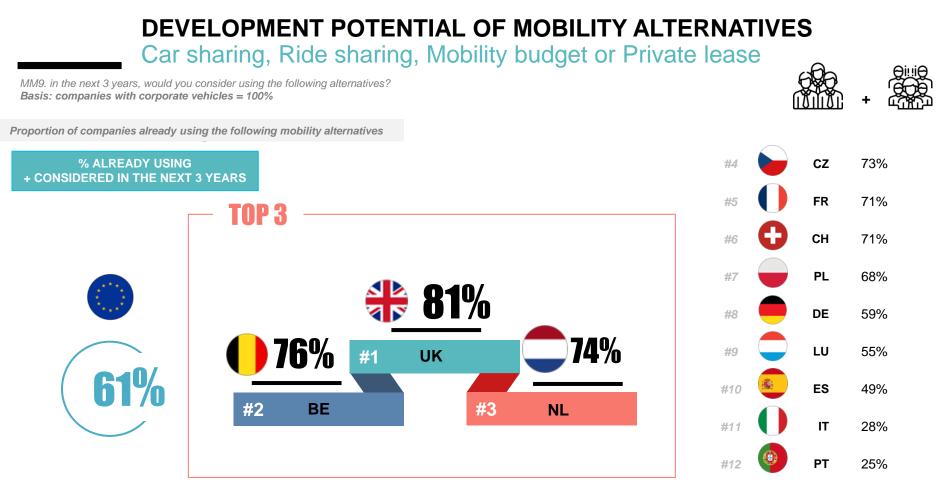




#### DEVELOPMENT POTENTIAL OF MOBILITY ALTERNATIVES Private lease

MM9. in the next 3 years, would you consider using the following alternatives? **Basis: companies with corporate vehicles = 100%** 

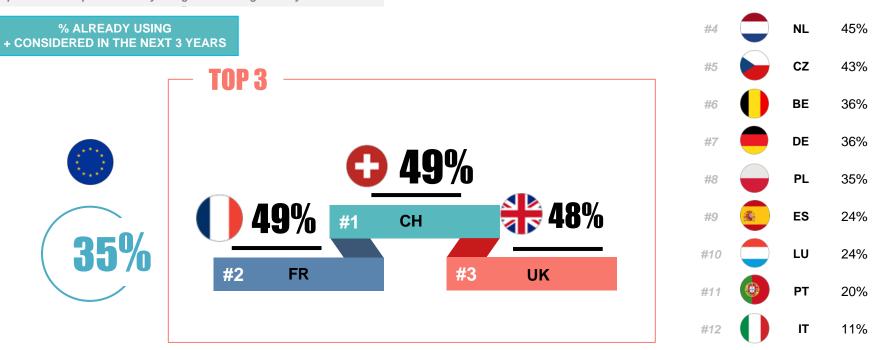






#### DEVELOPMENT POTENTIAL OF MOBILITY ALTERNATIVES Car sharing

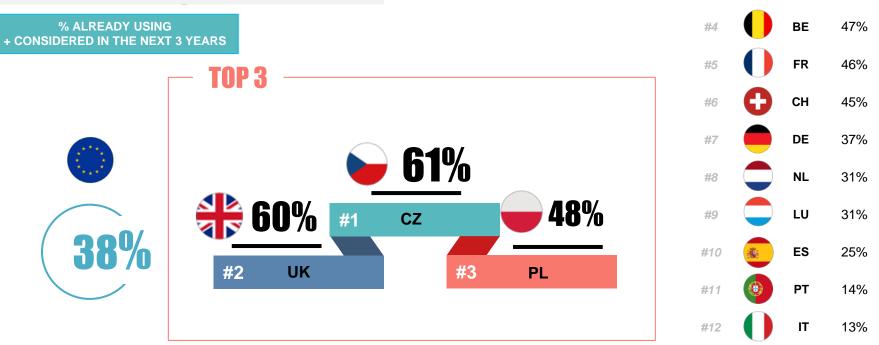
MM9. in the next 3 years, would you consider using the following alternatives? **Basis: companies with corporate vehicles = 100%** 





#### DEVELOPMENT POTENTIAL OF MOBILITY ALTERNATIVES Ride sharing

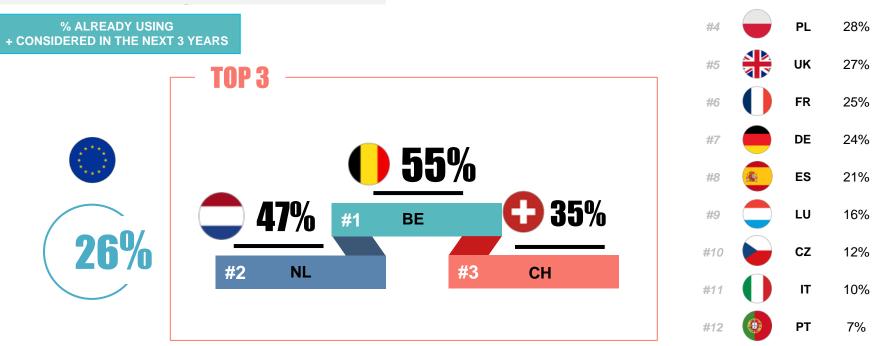
MM9. in the next 3 years, would you consider using the following alternatives? **Basis: companies with corporate vehicles = 100%** 





#### DEVELOPMENT POTENTIAL OF MOBILITY ALTERNATIVES Mobility budget

MM9. in the next 3 years, would you consider using the following alternatives? **Basis: companies with corporate vehicles = 100%** 

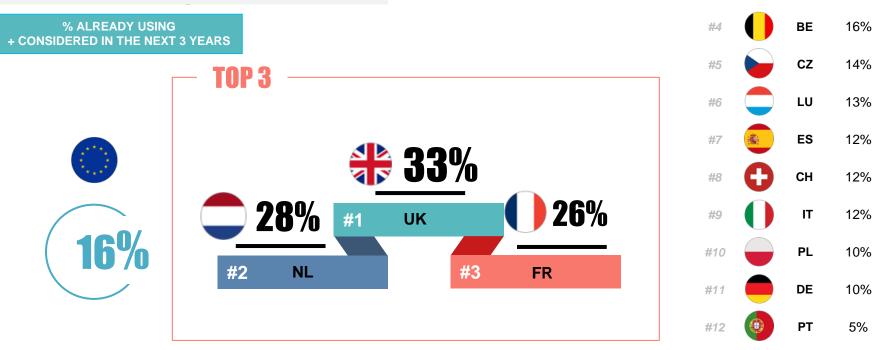




#### DEVELOPMENT POTENTIAL OF MOBILITY ALTERNATIVES Private lease

MM9. in the next 3 years, would you consider using the following alternatives? **Basis: companies with corporate vehicles = 100%** 

**, 1** 





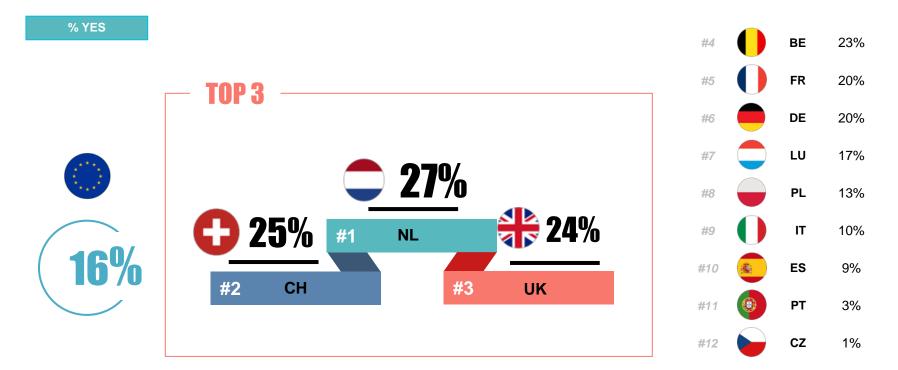
#### PROPORTION OF COMPANIES READY TO GIVE UP ALL OR PART OF THEIR COMPANY CARS FOR ALTERNATIVE MOBILITY SOLUTIONS

Yes certainly Yes probably	<b>Total</b> YES				
At least one of these alternative mobility solutions	16%	10%	12%	18%	27%
Car sharing	6%	3%	4%	7%	12%
Ride sharing	7%	4%	6%	8%	11%
Mobility budget*	7%	3%	4%	8%	14%
Private lease*	4%	3%	2%	5%	6%



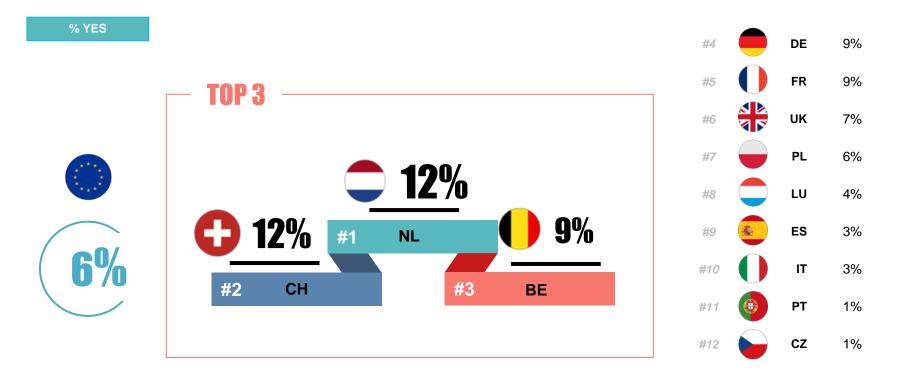
### PROPORTION OF COMPANIES READY TO GIVE UP ALL OR PART OF THEIR COMPANY CARS FOR MOBILITY ALTERNATIVES

=> Car sharing, Ride sharing, Mobility budget or Private lease

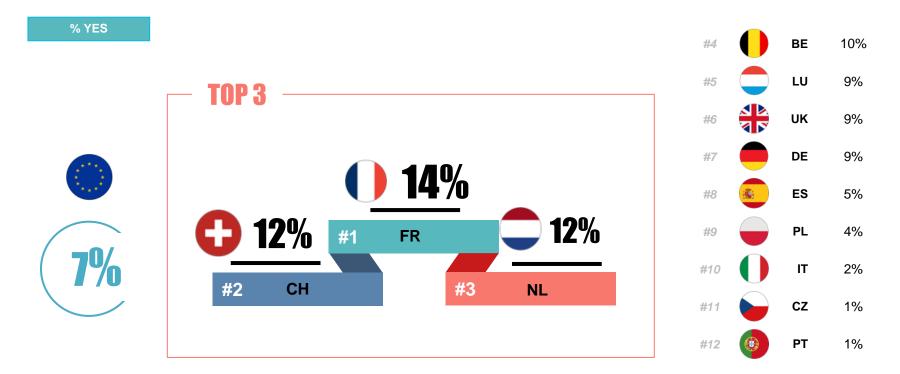




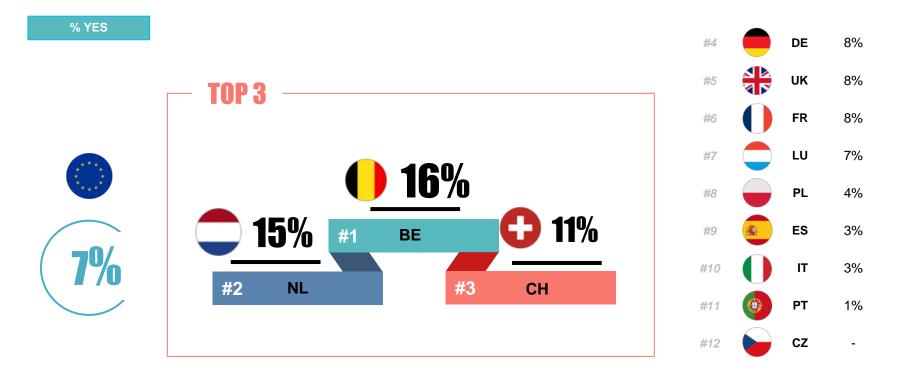
## PROPORTION OF COMPANIES READY TO GIVE UP ALL OR PART OF THEIR COMPANY CARS FOR <u>CAR SHARING</u>



## PROPORTION OF COMPANIES READY TO GIVE UP ALL OR PART OF THEIR COMPANY CARS FOR <u>RIDE SHARING</u>

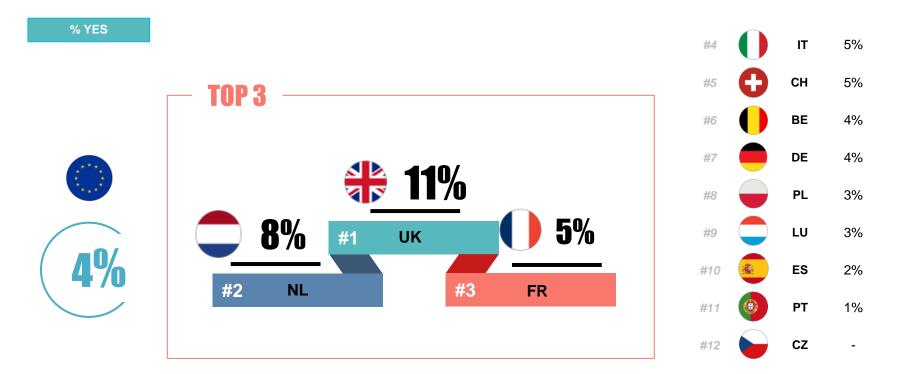


## PROPORTION OF COMPANIES READY TO GIVE UP ALL OR PART OF THEIR COMPANY CARS FOR <u>MOBILITY BUDGET</u>



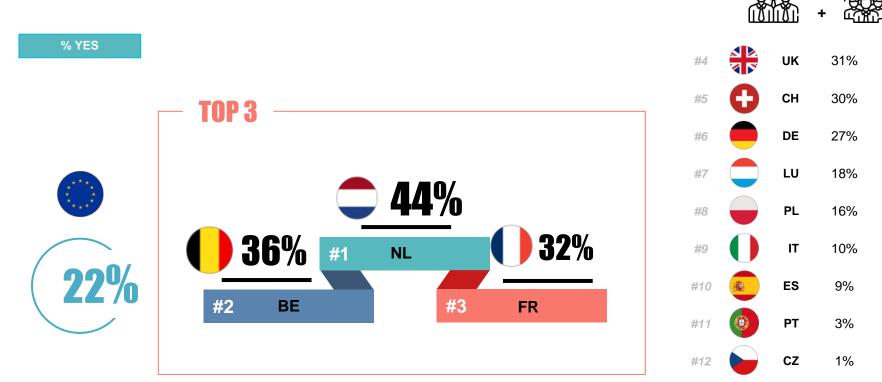


## PROPORTION OF COMPANIES READY TO GIVE UP ALL OR PART OF THEIR COMPANY CARS FOR <u>PRIVATE LEASE</u>



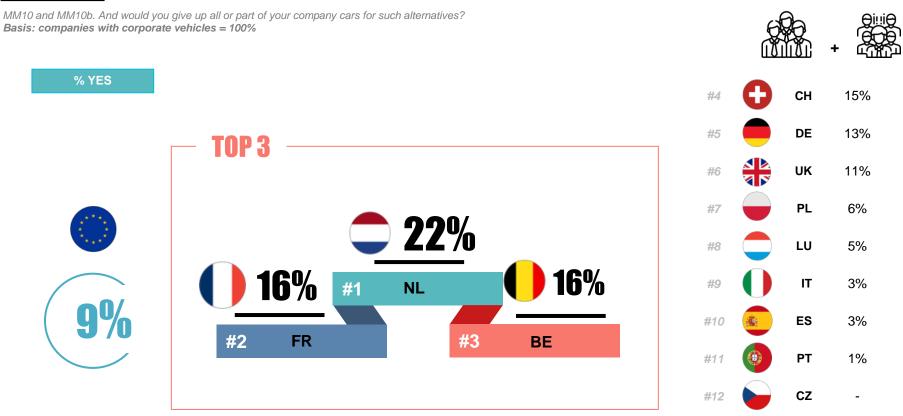
#### PROPORTION OF COMPANIES READY TO GIVE UP ALL OR PART OF THEIR COMPANY CARS FOR MOBILITY ALTERNATIVES

=> Car sharing, Ride sharing, Mobility budget or Private lease





## PROPORTION OF COMPANIES READY TO GIVE UP ALL OR PART OF THEIR COMPANY CARS FOR <u>CAR SHARING</u>



## PROPORTION OF COMPANIES READY TO GIVE UP ALL OR PART OF THEIR COMPANY CARS FOR <u>RIDE SHARING</u>

MM10 and MM10b. And would you give up all or part of your company cars for such alternatives? Basis: companies with corporate vehicles = 100% + % **YES** BE 14% #4 DE 13% #5 TOP 3 LU #6 10% UK 10% #7 3 24% PL #8 4% **15% 16%** ES 3% #9 #1 FR 10% IT 2% #10 #2 NL #3 CH PΤ 1% #11 CZ 1% #12

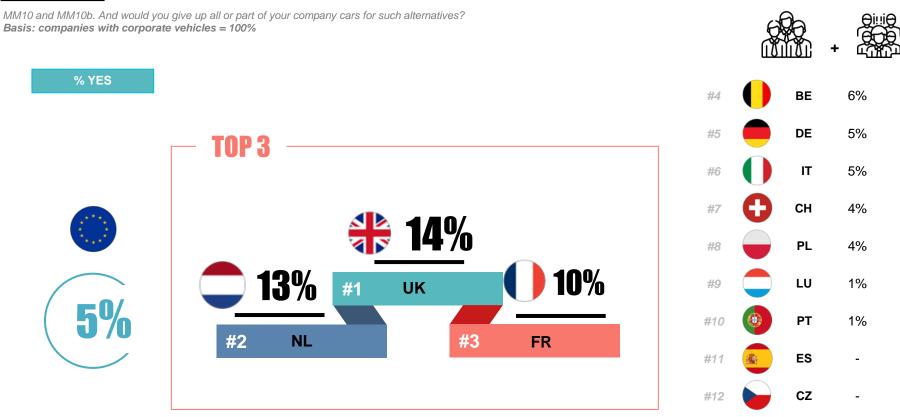


## PROPORTION OF COMPANIES READY TO GIVE UP ALL OR PART OF THEIR COMPANY CARS FOR <u>MOBILITY BUDGET</u>

MM10 and MM10b. And would you give up all or part of your company cars for such alternatives? Basis: companies with corporate vehicles = 100% + % **YES** FR 14% #4 DE 11% #5 TOP 3 UK #6 9% LU 9% #7 **28**% ES #8 4% 15% 28% PL 4% #9 #1 NL 11% IT 4% #10 #2 #3 BE CH PΤ #1 -CZ #12



## PROPORTION OF COMPANIES READY TO GIVE UP ALL OR PART OF THEIR COMPANY CARS FOR <u>PRIVATE LEASE</u>



CSa Arval Mobility Observatory

# THANK YOU





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