

MOBILITY AND FLEET BAROMETER 2023

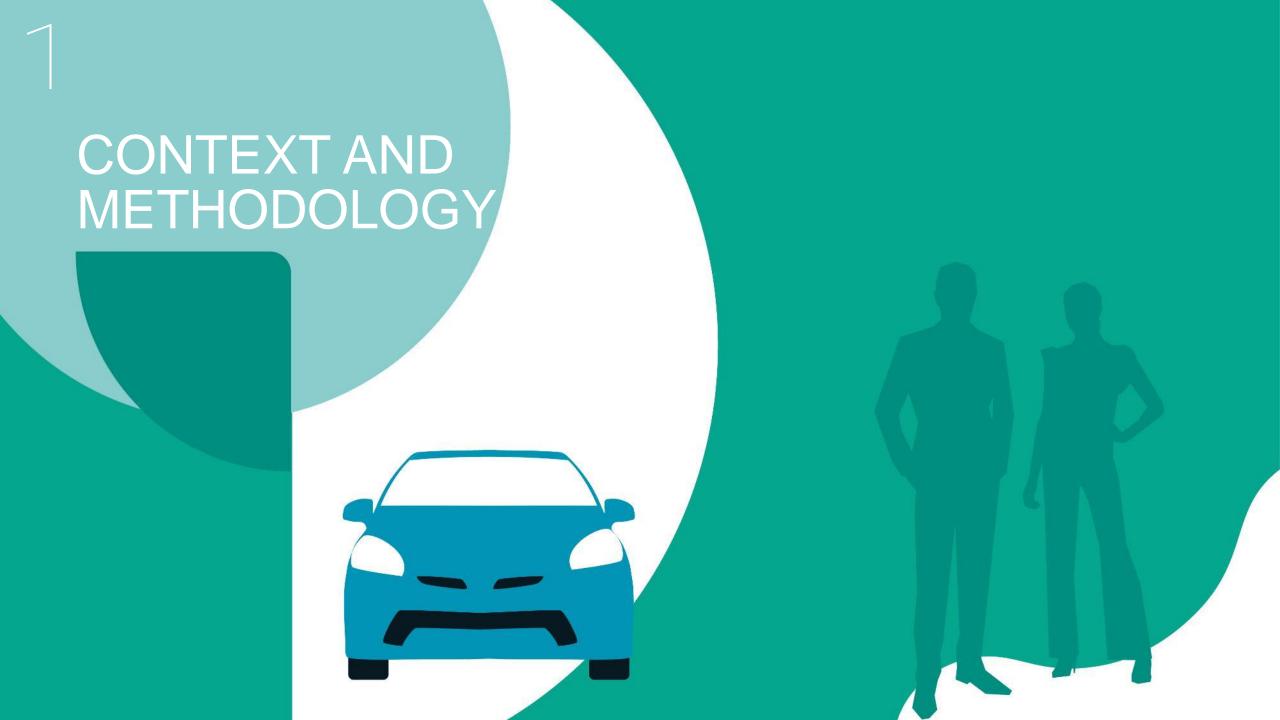


2023 MOBILITY AND FLEET BAROMETER

01		05
Context and methodology	p3	What near
02 Executive summary	p11	06 Wha
03	P	mob
What are the main characteristics of fleets?	the	07
04	p15	What conn safet
How are companies financing their fleet?	p35	

What changes are to be expected in near future regarding energy mix?	
What are the perspectives in terms of mobility solutions?	p47 of p91
What are the usages in terms of connected vehicles, digital tools and safety equipments?	road p127





KEY THEMES FOR ARVAL MOBILITY OBSERVATORY





-1

WHAT SHORT TERM
SHIFTS ARE SHAPING THE
MARKET?



— 2

WHAT KIND OF VEHICLES
WILL THE MARKET
EXPECT IN 3 YEARS?

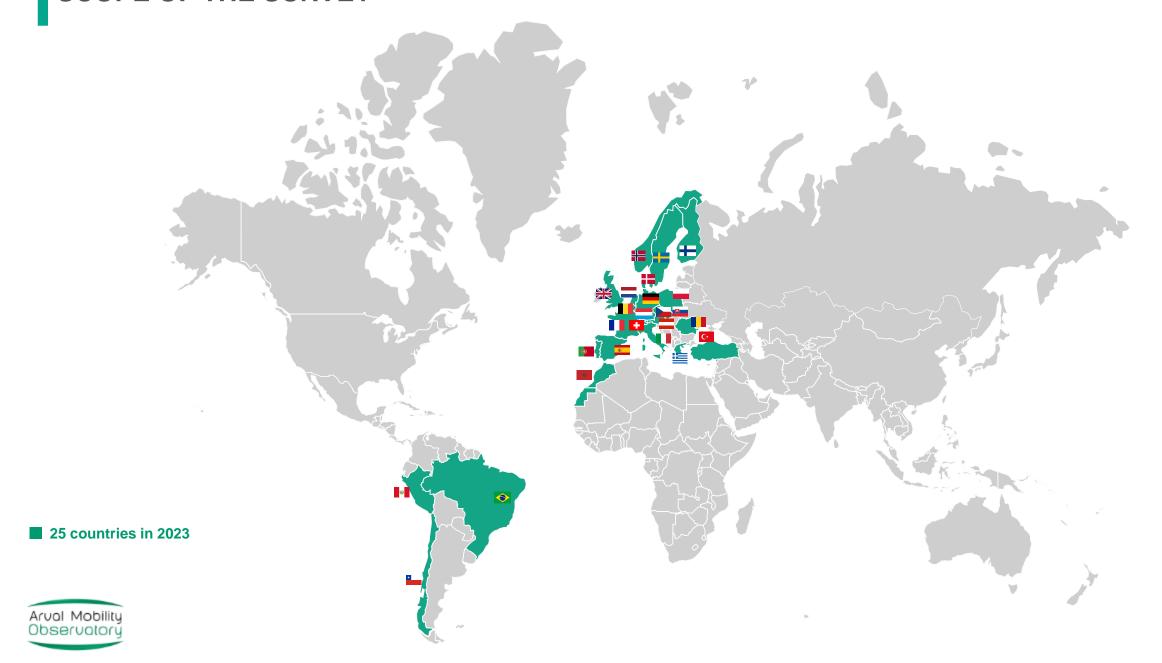


— 3

HOW DO MOBILITY
SOLUTIONS IMPACT
FLEET MANAGEMENT?



SCOPE OF THE SURVEY



COMPANY SIZE SEGMENT DEFINITION



										EUR													ITSID		
	AT	CH	DE	ES	FR	GR	I I	● PT	UK	■ ■	LU	NL	CZ	PL	#	RO				1	BR		PE	★	C*
Less than 10 empl.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
10 - 99 empl.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
100 - 249 empl.	•					•					•				•		•	•	•	•		•	•	•	•
100 - 499 empl.		•		•				•		•		•	•	•		•					•				
100 - 999 empl.			•		•		•		•																
250 empl. or more	•					•					•				•		•	•	•	•		•	•	•	•
500 empl. or more		•		•				•		•		•	•	•		•					•				
1000 empl. or more			•		•		•		•																



METHODOLOGY













DATA COLLECTION METHOD

FIELDWORK PERIOD

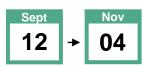
TARGET

QUOTAS

SAMPLE

DURATION OF INTERVIEW

CATI SYSTEM (Computer Assisted Telephone Interviewing) Recruitment by telephone



COMPANY FLEET
DECISION MAKERS
in companies of all
industries using at least
1 CORPORATE VEHICLE

COMPANY SIZE & SECTOR

5 865 through Europe
1 357 out of Europe

20 minutes

on average

READING NOTES ABOUT THE REPORT

In this report, when a significant difference vs last year is observed (95% statistic confidence level), a reminder of last year figure is shown with the following symbol:



Significantly higher than 2022 year

XX = score 2022



xx

Significantly lower than 2022 year

XX = score 2022

Some graphics may not be perfectly equal to 100%. It is due to roundings.

NETs are groups of similar answers combined in the stub (ex. NET Interested = very interested + somewhat interested)/



NUMBER OF INTERVIEWS CONDUCTED IN SWEDEN



Perimeter of the survey: companies owning at least 1 vehicle





Companies with Less than 10 empl. **101 INTERVIEWS**



Companies with 10 - 99 empl. **63 INTERVIEWS**



Companies with 100 - 249 empl. **75 INTERVIEWS**



Companies with 250 empl. or more 61 INTERVIEWS

1 to 99
employees
164 INTERVIEWS

100 employees
and more
136 INTERVIEWS



SAMPLE STRUCTURE IN SWEDEN



Company size & sector







TOTAL

13

32

34

21

Construction

Building Construction General Contractors And Operative Builders / Heavy Construction Other Than Building Construction Contractors / Construction Special Trade Contractors

Industry

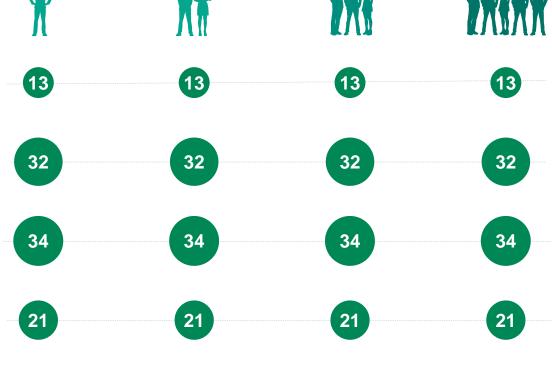
Mining, oil & gas, Manufacturing (e.g. food, tobacco, textile, wood, furniture, printing, publishing, chemicals, fabricated metal products, electronic, machinery, etc...

Services

Finance / transportation / Hotels, Rooming Houses, Camps, And Other Lodging Places / Personal Services / Business Services / Automotive Repair, Services, And Parking / Motion Pictures / Amusement And Recreation Services / Health Services / Legal Services / Social Services / Museums, Art Galleries, And Botanical And Zoological Gardens / Membership Organizations / Engineering, Accounting, Research, Management, And Related Services / Private Households

Trade

Building Materials, Hardware, Garden Supply, And Mobile Home Dealers / General Merchandise Stores Food Stores / Automotive Dealers And Gasoline Service Stations / Apparel And Accessory Stores / Home Furniture, Furnishings, And Equipment Stores / Eating And Drinking Places / Miscellaneous / Retail / Wholesale trade



Weight of each company size segment









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



MOBILITY SOLUTIONS LIST AND DEFINITIONS



CORPORATE CAR SHARING:

where an employee can make a vehicle reservation via an external solution



MOBILITY BUDGET predefined budget granted by the employer allowing employees to choose their mode of transport



RIDE SHARING: where several employees travel in the same car to the same destination



AN APP TO BOOK MOBILITY SOLUTIONS PROVIDED BY THE COMPANY



BIKE (OR OTHER TWO WHEELS) SHARING / BIKE (OR OTHER TWO WHEELS) LEASING solution provided by the company



PRIVATE LEASE OR SALARY SACRIFICE (private lease where an employee leases a car on his own behalf / salary sacrifice where an employee leases a car via their employer)



PUBLIC TRANSPORT



A SHORT OR MID TERM RENTAL VEHICLE to provide transport for an employee



CAR OR CASH ALLOWANCE *New item



EXECUTIVE SUMMARY

INSIGHT 1: MOST SWEDISH COMPANIES REMAIN CONFIDENT ABOUT THEIR FUTURE FLEETS, EVEN IF SOME LARGE COMPANIES ARE MORE PESSIMISTIC



SOME BIG COMPANIES ANTICIPATE A FLEET DECREASE

- This year, most **Swedish companies expect that their fleet will remain stable or even increase**, in line with the European trend.
 - This optimism mostly relies on increased HR related needs.
- But some big companies are less optimistic and expect a decreasing fleet for 19% of them.
- Regarding homeworking, it has definitely not impacted companies' mobility policy.

- Future challenges for the Swedish fleets in the next 3 years are to deal with longer vehicles' delivery time and the increase of total cost of ownership of the vehicles.
- But for now, Swedish companies have not extended the length of their vehicles' lifecycle yet, which remains shorter than the European average.



INSIGHT 2: OPERATING LEASING IS THE MAIN FINANCING METHOD OF SWEDISH COMPANIES



OPERATING LEASING IS WELL-ESTABLISHED AND COULD EVEN GAIN MORE GROUND

- In 2023, Operating leasing appears to be the main method to finance Swedish corporate vehicles.
 - Operating leasing is chosen to finance both passenger cars and LCVs at similar level.
 - Conveniency and financial interest are the main assets of Operating leasing mentioned by fleet managers.
- What's more, Operating leasing shows some growth potential, especially by medium companies.
- Operating leasing is closely followed by Financial leasing.



INSIGHT 3: SWEDISH COMPANIES REMAIN VERY ADVANCED IN TERMS OF ALTERNATIVE FUEL TECHNOLOGIES IMPLEMENTATION



SWEDISH COMPANIES ARE AT THE FOREFRONT OF ALTERNATIVE FUEL TECHNOLOGIES IMPLEMENTATION

- In 2023, a large majority of Swedish companies have already adopted at least one alternative fuel technology for their passenger cars, and one fourth have already turned toward 100% BEV for their LCVs.
- Sweden keeps its strong leadership in Europe in terms of alternative fuel technologies implementation.
- Energy mix remains dominated by plug-in hybrids first, and then by 100% BEV, even though hybrid use is rising in 2023.
- For LCVs, hydrogen fuel cell is marginal for now, but shows some growth potential.

- Despite the ongoing difficulties to access to charging points in the public area, this high level of alternative fuel technologies' adoption is supported by companies' commitment to deploy charging points at employees' home.
- Lastly, a shift to 100% BEV is anticipated as it is expected to become the main fuel technology in the next 3 years, at a higher than at European level for both vehicle's types.



INSIGHT 4: A HIGH PENETRATION OF MOBILITY SOLUTIONS



DRIVEN BY THE SMALLEST COMPANIES

- This year, 76% of Swedish companies have already implemented at least one mobility solution, ahead of the European average.
- This high level is driven by the smallest companies which have definitely caught up bigger ones in terms of mobility solutions implementation.
- The most widespread mobility solutions within these small companies are corporate car sharing, ride sharing, mobility budget and mobility app.



INSIGHT 5: STABLE USE OF TELEMATICS BY SWEDISH COMPANIES



MORE WIDESPREAD WITHIN LCVS FLEETS

- 42% of Swedish companies have adopted telematics, in line with last year's trend, and in line with the European average, even though it is increasing significantly this year.
- In the detail, telematics are still a little more widespread for LCVs than for passenger cars.
- To be noticed this year, the main reason to adopt telematics is to avoid not allowed usage for most companies, for passenger cars as well as for LCVs.



WHAT ARE THE MAIN CHARACTERISTICS OF THE FLEETS?



OVERALL SWEDISH COMPANIES REMAIN CONFIDENT ABOUT THEIR FUTURE FLEETS EVEN IF SOME BIG COMPANIES ANTICIPATE A FLEET DECREASE

In 2023, most Swedish companies are still confident confident about the future of their fleets: In line with the European trend, 91% of them expect from their fleet to remain stable or even increase in the next 3 years. To be noticed, a light slow down of fleet growth for the biggest companies, as 19% of them are expecting a decreasing fleet (versus 4% last year). This year, this expected growth is mainly induced by increased HR related needs: company's vehicle are a mean to recruit talent or to retain employees. Confirming last year's tendency, the development of homeworking has still low effect on companies' mobility policy, with 93% of companies which don't consider any adjustment of their mobility policy. According to most Swedish companies, future challenges for the fleets in the next 3 years are to deal with longer vehicles' delivery time and the increase of total cost of ownership of the vehicles. But for now, Swedish companies have not extended the length of their vehicles' lifecycle yet, which remains shorter than the European average.



FLEET PROFILE

MOBILITY POLICY

ADAPTATION

COINCIDING WITH

HOMEWORKING



FLEET POSSESSION

LENGTH

13%

changed the policy or consider changing

15%7 13

4.6

5.6

years

years











ANTICIPATED

FLEET EVOLUTION

(% will increase or remain stable)

91%



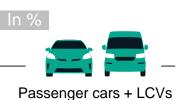








RESPONDENTS POSITION WITHIN THE COMPANY









New question added in 2023

Could you please specify your exact position in the company?

Basis: companies with corporate vehicles = 100%

NUMBER OF VEHICLES IN FLEET



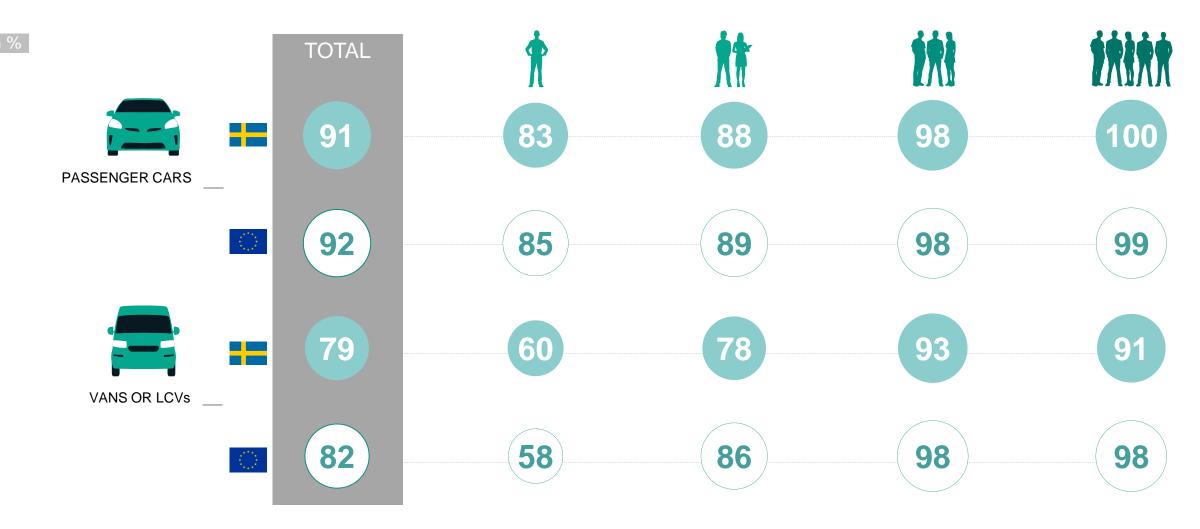


Can you please tell us the total number of vehicles of less than 3.5 tons in your fleet?

Basis: companies with corporate vehicles = 100%

PROPORTION OF COMPANIES WITH AT LEAST ONE PASSENGER CAR OR ONE LCV

(among companies with at least one vehicle in fleet)

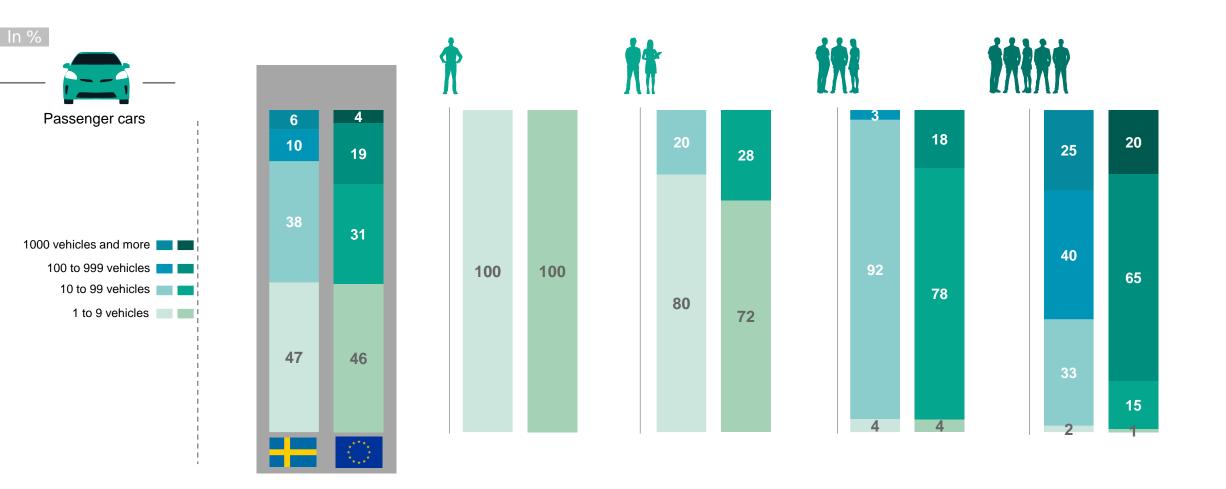




And can you please tell us the total number of cars in your fleet? / And can you please tell us the total number of LCVs or vans in your fleet?

Basis: companies with corporate vehicles = 100%

NUMBER OF PASSENGER CARS IN FLEET

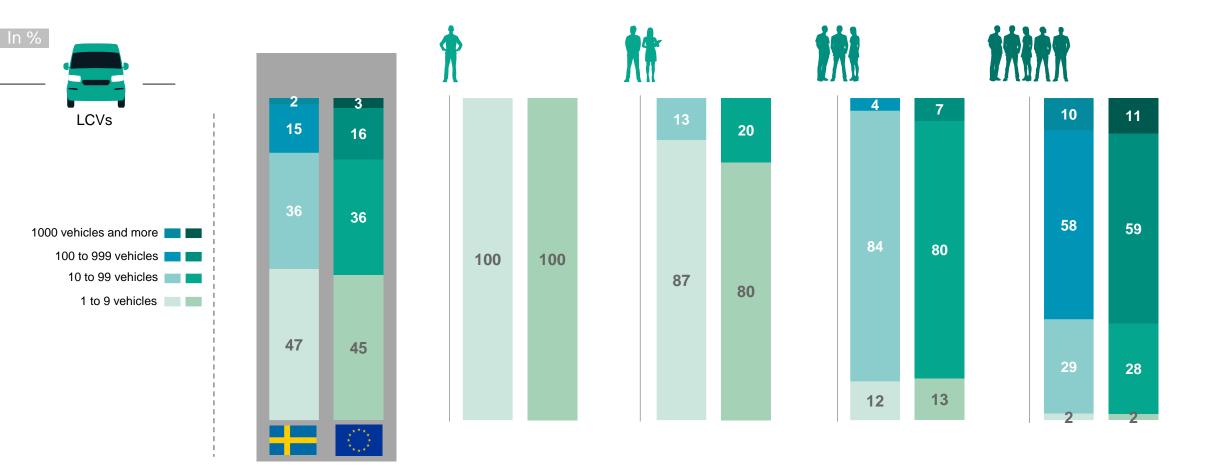




And can you please tell us the total number of cars in your fleet?

Basis: companies with passenger cars

NUMBER OF LCVS IN FLEET





And can you please tell us the total number of LCVs or vans in your fleet?

Basis: companies with LCVS

VEHICLES POSSESSION LENGTH





PASSENGER CARS POSSESSION LENGTH



New question added in 2023

And how long do you keep your passenger cars (before being sold or returned to the leasing company)?

Basis: companies with passenger cars



LCVS POSSESSION LENGTH

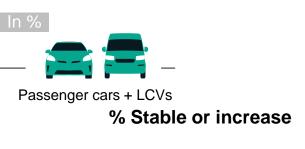




FLEET GROWTH POTENTIAL

HOW TO READ THE RESULTS?

In Sweden, 91% of the companies declare that in the next 3 years their company fleet will remain stable or increase.

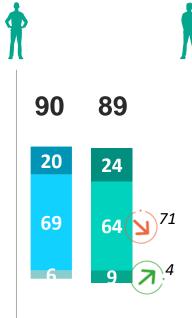


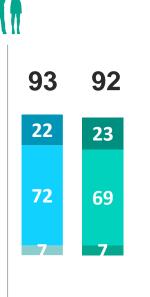
Increase

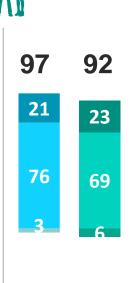
Remain stable

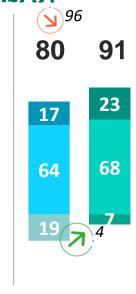
Decrease













2023	+12 +16	+14 +15	+15 +16	+18 +17	-2 +16
2022	+14 +18	+13 +19	+7 +17	+10 +17	+27 +17
2021	+29 +35	+7 +22	+17 +31	+43 +43	+63 +50

In the next three years, do you think that the total number of vehicles in your company fleet will increase, decrease or remain the same?

Basis: companies with corporate vehicles = 100%



FLEET GROWTH POTENTIAL



HOW TO READ THE RESULTS?

In Sweden, 91% of the companies declare that in the next 3 years their company fleet will remain stable or increase.

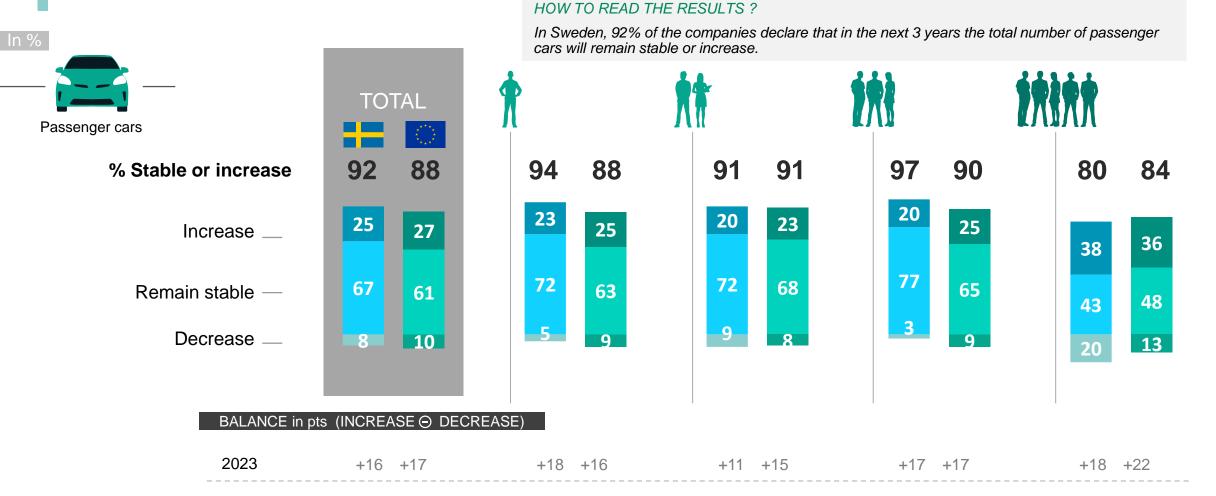
Passenger cars + LCVs % Stable or increase Increase Remain stable Decrease TR

+32





PASSENGER CAR FLEET GROWTH POTENTIAL



New question added in 2023

In the next three years, do you think that the total number of your passenger cars will...

Basis: companies with passenger cars

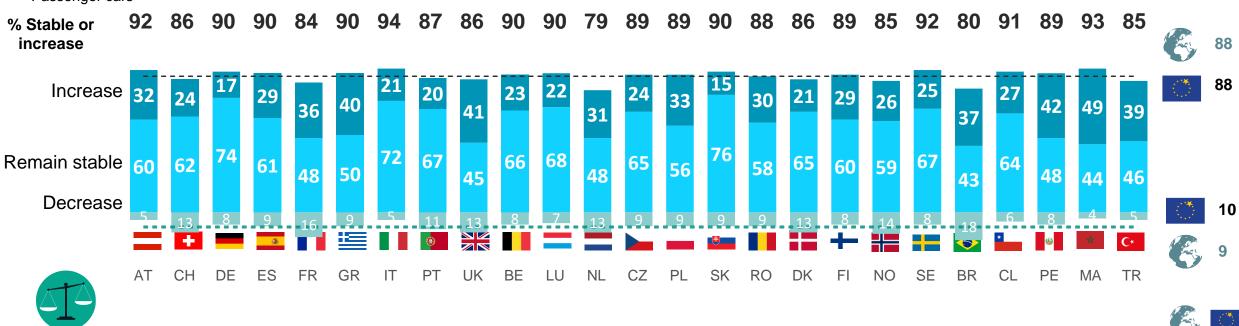


PASSENGER CAR FLEET GROWTH POTENTIAL

HOW TO READ THE RESULTS?

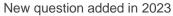
In Sweden, 92% of the companies declare that in the next 3 years their company fleet of passenger cars will remain stable or increase.







2023

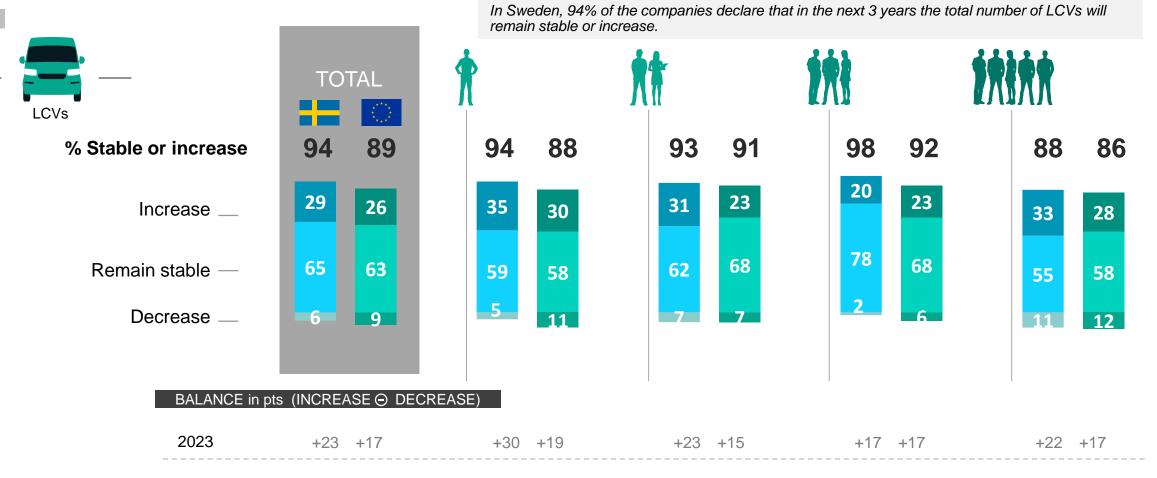


In the next three years, do you think that the total number of your passenger cars will... Basis: companies with passenger cars



LCVS FLEET GROWTH POTENTIAL

In %



HOW TO READ THE RESULTS?



In the next three years, do you think that the total number of your light commercial vehicles or vans will...

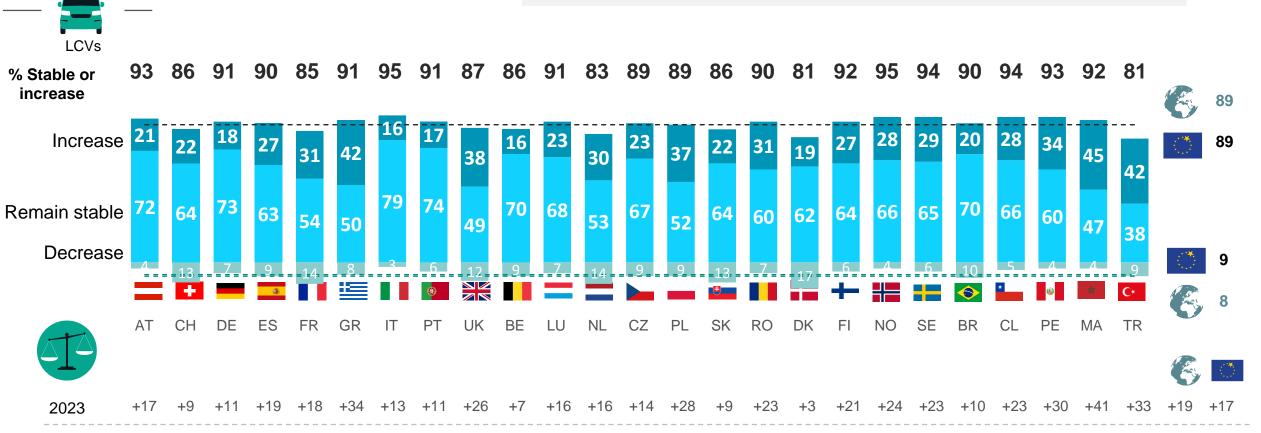
Basis: companies with LCVS



LCVS FLEET GROWTH POTENTIAL

HOW TO READ THE RESULTS?

In Sweden, 94% of the companies declare that in the next 3 years their company fleet of LCVs will remain stable or increase.



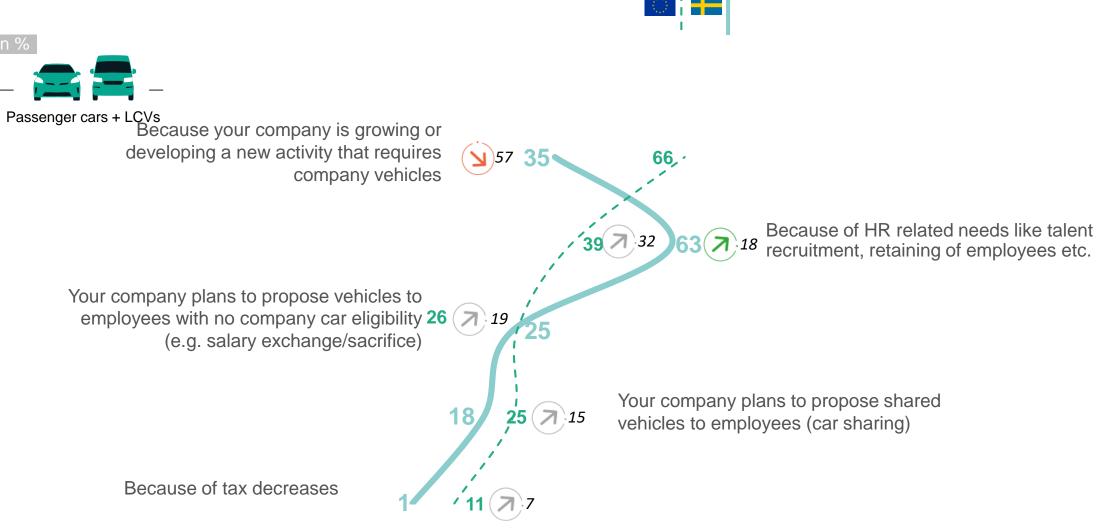
New question added in 2023

In the next three years, do you think that the total number of your light commercial vehicles or vans will...

Basis: companies with LCVS



REASON FOR FUTURE FLEET INCREASE





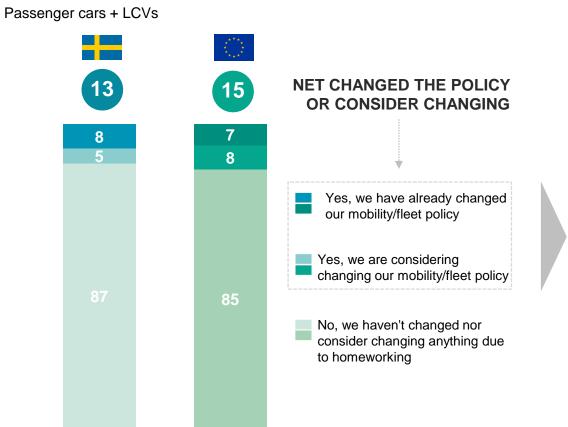
Why do you think the total number of vehicles in your company fleet will increase?

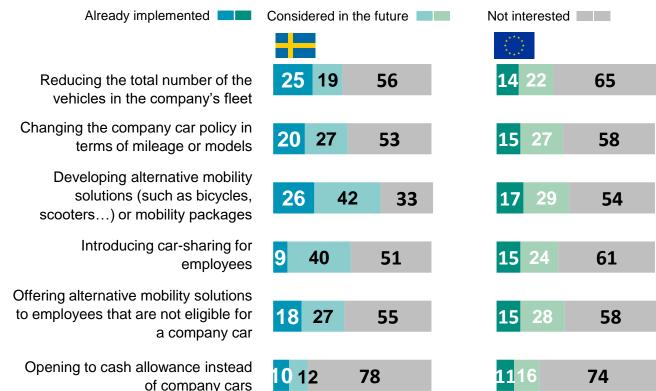
Basis: companies expecting an increase of the fleet

MOBILITY POLICY ADAPTATION COINCIDING WITH HOMEWORKING

HOW TO READ THE RESULTS?

In Sweden, among the companies that changed or consider changing their mobility policy, 25% have already reduced the total number of the vehicles in the company's fleet.





Basis: companies that have changed or consider changing their mobility policy with regards to homeworking

This question has been asked differently in 2023.

With regards to the development of homeworking, have you changed, or do you consider changing your mobility/fleet policy?

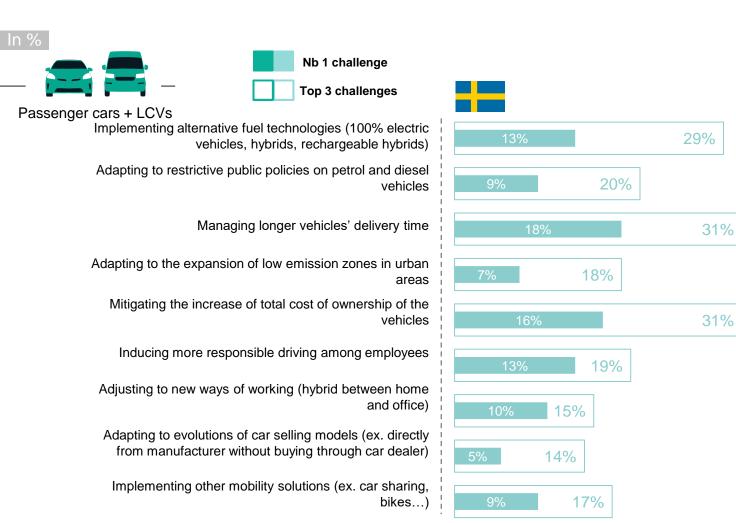
And among the following changes, can you please select those you have implemented or consider implementing with regards to the development of homeworking?

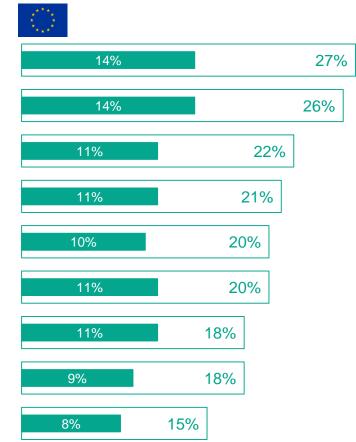
Question asked to respondents that are aware of mobility solutions



Basis: companies with corporate vehicles = 100%

MOST IMPORTANT CHALLENGES EXPECTED









4

HOW ARE COMPANIES FINANCING THEIR FLEET?

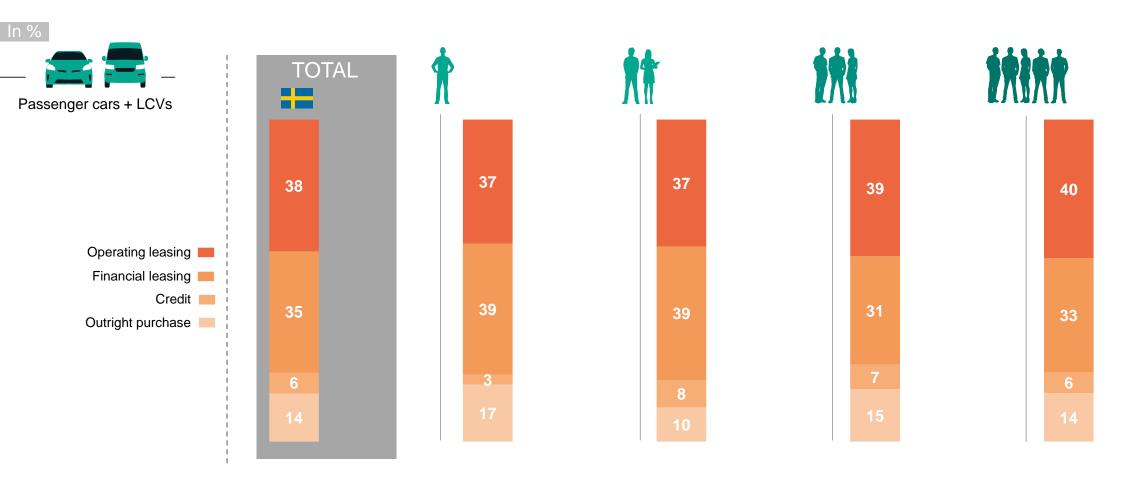
OPERATING LEASING IS THE MAIN FINANCING METHOD OF SWEDISH COMPANIES

To note: in 2023, question about financing methods repartition was asked differently, which means there will be no comparison with 2022. In 2023, 38% of Swedish companies declare that Operating leasing is the main financing method (38%) used to finance their company vehicles, closely followed by Financial leasing (35%). Operating leasing is chosen to finance both passenger cars (38%) and LCVs (36%). What's more, Operating leasing shows some growth potential, especially by medium companies from 100 to 249 employees, as 28% of them intend to introduce or increase use of Operating Leasing to finance their corporate fleet. Operating leasing is appreciated for its conveniency (included services, reduced administration, flexible contract) as well as for its financial interest (fixed monthly rental, released capital, reduced financial risks). When setting up the car policy, total cost of ownership and durability (environmentally friendly cars) are major criteria for Swedish companies.





MAIN FLEET FINANCING METHOD



This question has been asked differently in 2023, no comparison vs 2022

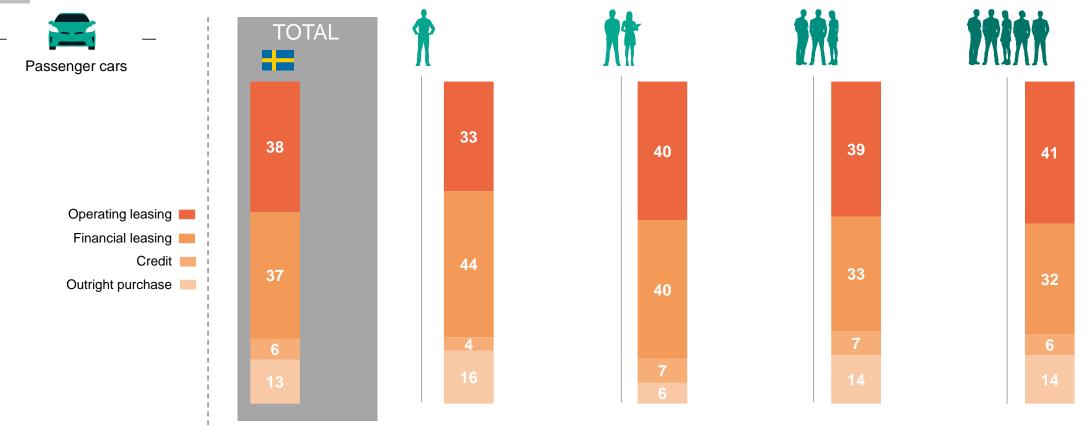
What is the main financing method used to finance your company vehicles today?

Basis: companies with corporate vehicles = 100%



MAIN PASSENGER CARS FINANCING METHOD





New question added in 2023

And what is the main method used to finance your passenger cars today?

Basis: companies with passenger cars



MAIN LCV FINANCING METHOD





New question added in 2023

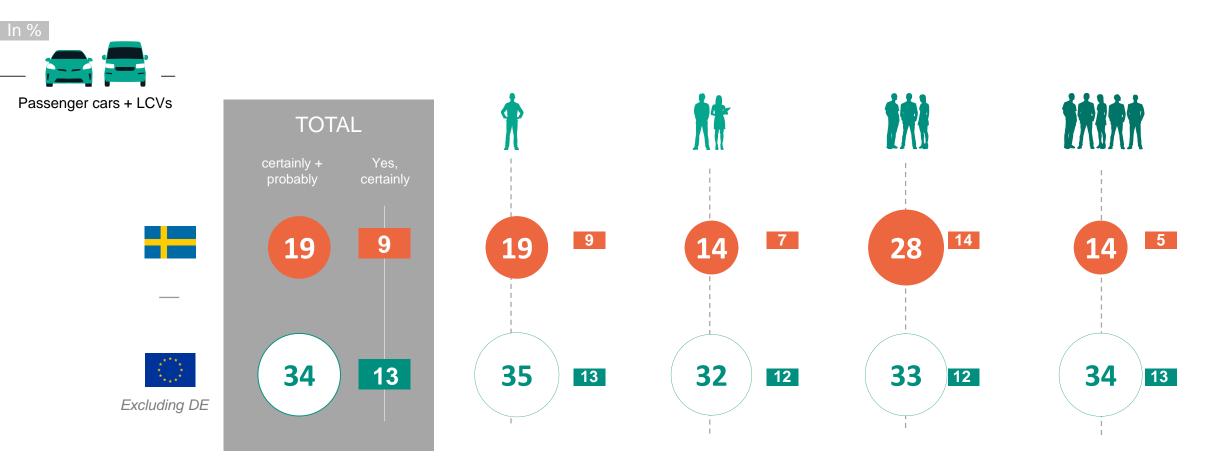
And what is the main method used to finance your LCVs today?

Basis: companies with LCVs



INTENTION TO INTRODUCE OR INCREASE THE USE OF OPERATING LEASING

Proportion of companies having the intention to introduce or increase the use of operating leasing







INTENTION TO INTRODUCE OR INCREASE THE USE OF OPERATING LEASING

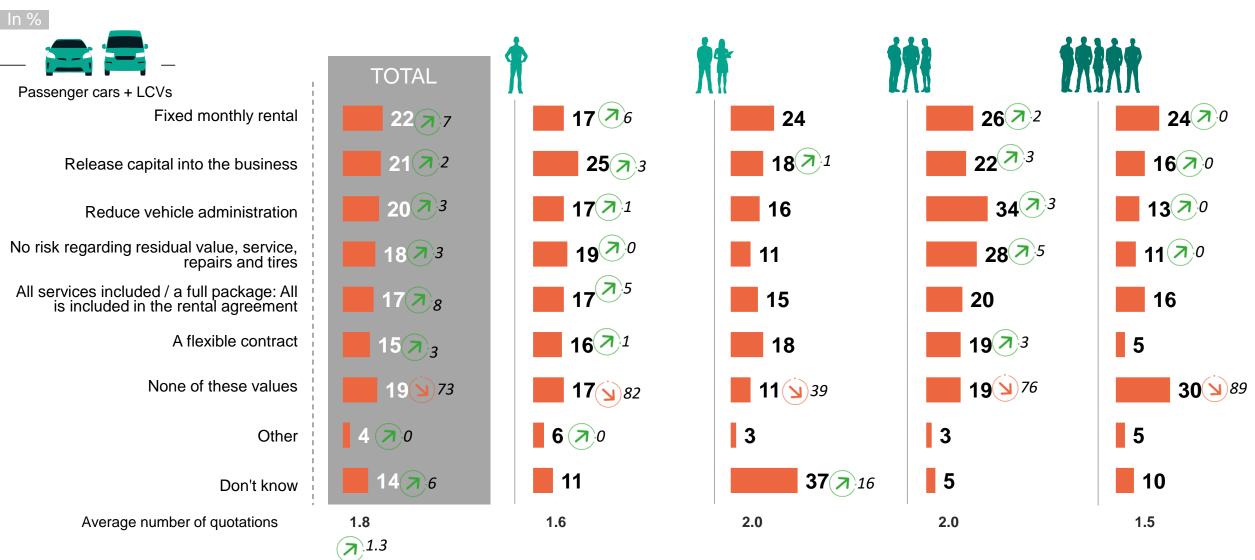
Proportion of companies having the intention to introduce or increase the use of operating leasing







MAIN ADDED VALUES OF OPERATING LEASING

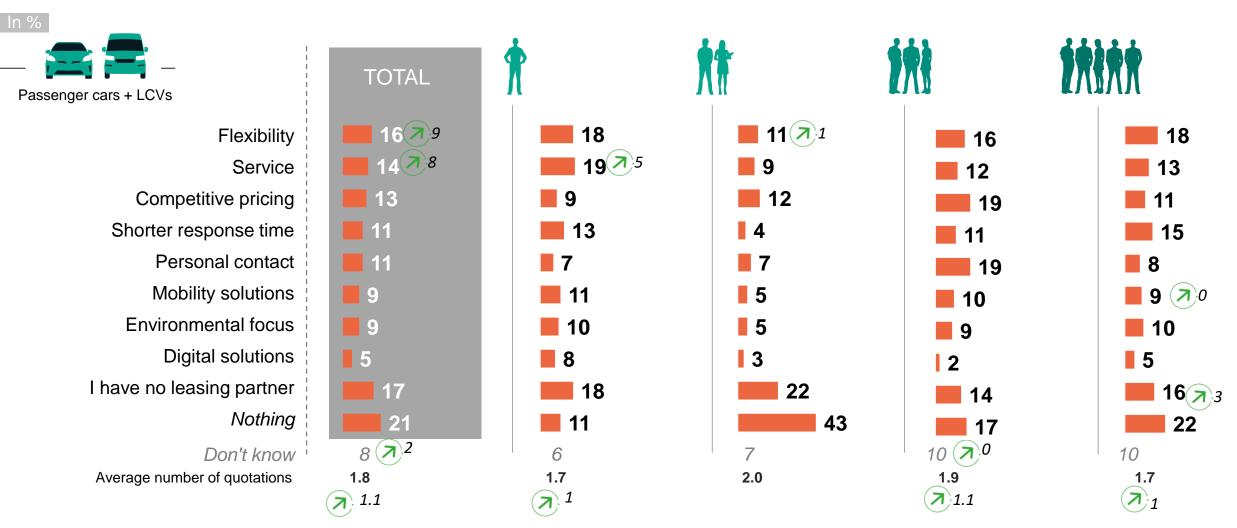




According to you, what are the main added values of Operating Leasing for company vehicles?

Basis: companies with corporate vehicles = 100%

SERVICES MISSING FROM THE CURRENT LEASING PARTNER

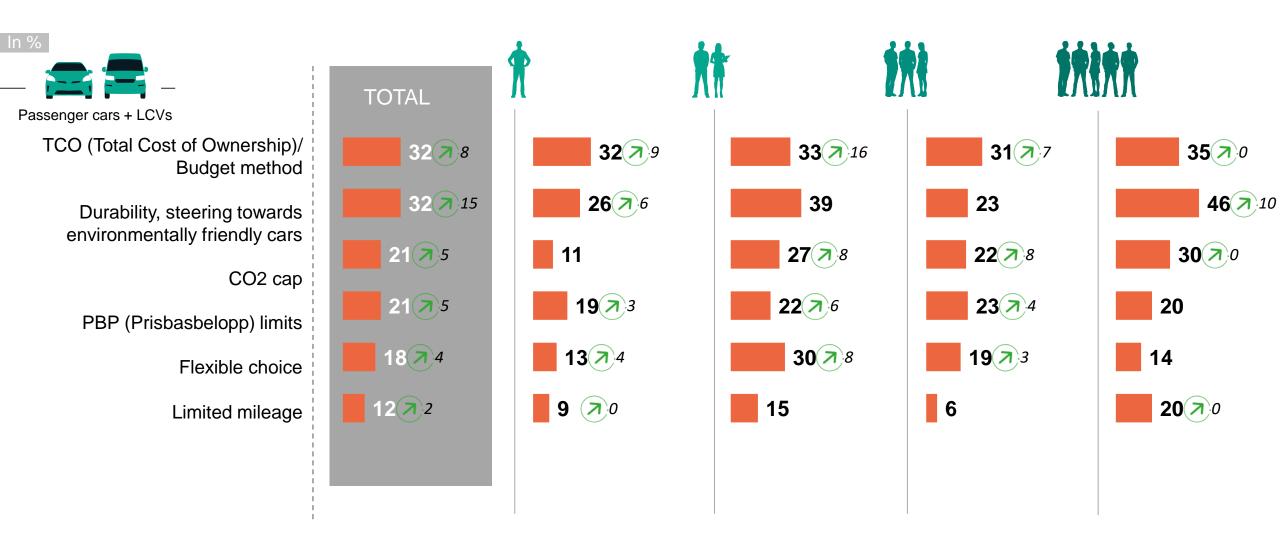




What do you miss from your leasing partner today?

Basis: companies with corporate vehicles = 100%

CRITERIA CONSIDERED WHEN SETTING UP THE CAR POLICY





Which of the following criteria were taken in account when setting up your car policy?

Basis: companies with corporate vehicles = 100%

WHAT CHANGES ARE TO BE EXPECTED IN THE NEAR FUTURE REGARDING ENERGY MIX?



SWEDISH COMPANIES ARE AT THE FOREFRONT OF ALTERNATIVE FUEL TECHNOLOGIES, ESPECIALLY PLUG-IN HYBRID

- In line with the European trend, more Swedish companies have adopted alternative fuel technologies for their fleets in 2023.
 - **85%** of compagnies have adopted Plug-in hybrids, hybrids or 100% BEV for their **passenger cars**, ahead of the European average.
 - 28% of companies have adopted 100% BEV or Hydrogen fuel cell for their LCVs, also ahead of the European average.
- For passenger cars, hybrid use is in progress (40% using). But Plug-in hybrid (59%) and 100% BEV (47%) are still the main used technologies. Sweden turns out to be the most advanced European country in terms of plug-in hybrid implementation.

And for LCVs, hydrogen fuel cell adoption is very low but shows some growth potential, as around 13% of them are already using or consider using this fuel technology in the next three years.

- For both vehicles' types, the **lower environmental impact** remains the first motivation to turn towards these alternative fuel technologies. To be noticed this year, a higher consideration of the necessity to be **compliant with CSR** (Corporate Social Responsibility) **policy** for passenger car fleets.
- Besides, charging points are developing at home. Indeed, 1 company out of 4 declare they support or will support their drivers for charging points installation. But the lack of charging points in the public area remains a barrier to a wider 100% BEV adoption. In the meantime, high purchase price is less an issue this year.
- Nevertheless, Swedish companies are optimistic and expect that 40% of their passenger cars and 36% of their LCVs will be 100% BEV in 3 years.



ENERGY MIX



AT LEAST ONE ALTERNATIVE

IMPLEMENTED OR CONSIDERED*

ALREADY
USING OR
CONSIDER
USING IN THE
NEXT 3 YEARS











AT LEAST ONE ALTERNATIVE

IMPLEMENTED

for Passenger cars

for Passenger cars











ELECTRIC PASSENGER CAR IN 3 YEARS











EXPECTED PART OF 100%

ELECTRIC LCV IN 3 YEARS



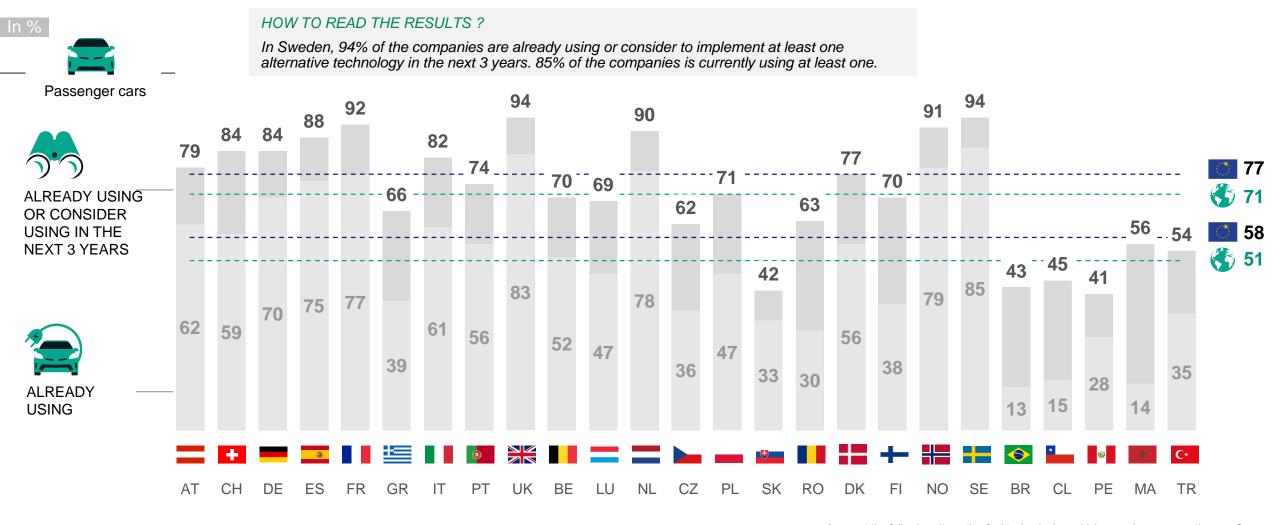






CONSIDERATION FOR ALTERNATIVE FUEL TECHNOLOGIES

(At least one technology among HEV, PHEV and 100% BEV)



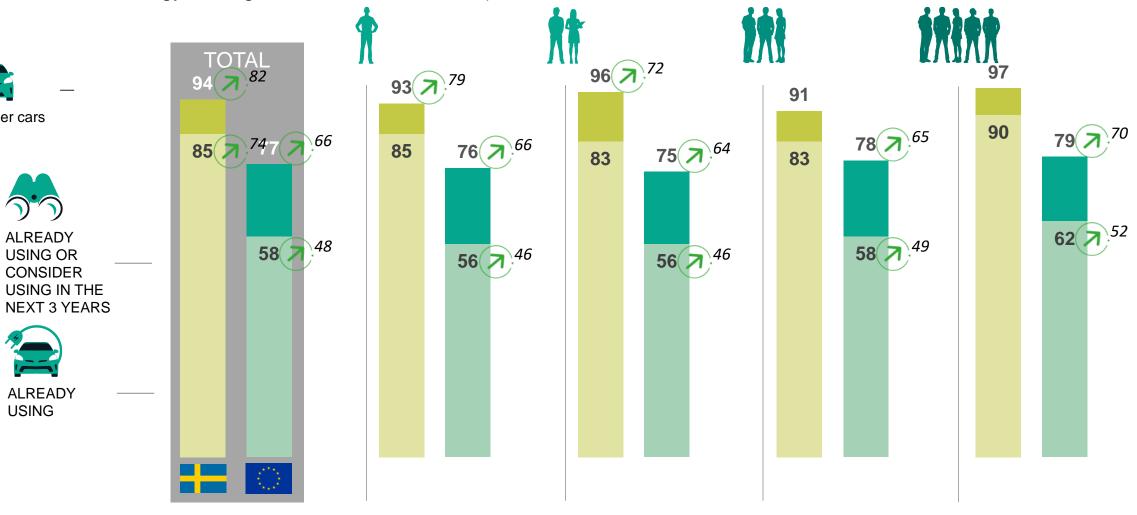


Amongst the following alternative fuel technologies, which ones do you currently use...?

Amongst the following alternative fuel technologies, which ones are you considering using...?

CONSIDERATION FOR ALTERNATIVE FUEL TECHNOLOGIES

(At least one technology among HEV, PHEV, 100% BEV)





Passenger cars

ALREADY

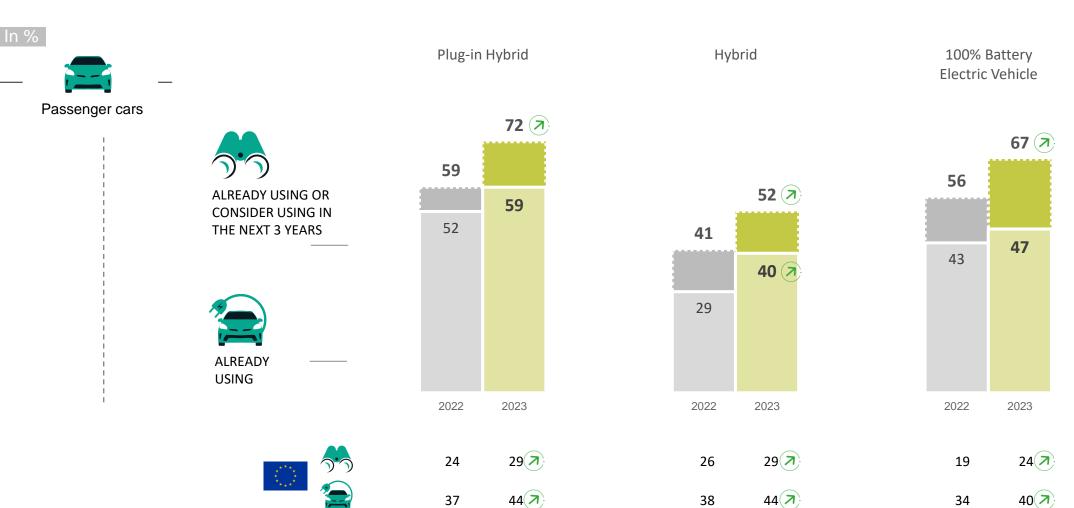
USING OR

CONSIDER

ALREADY USING

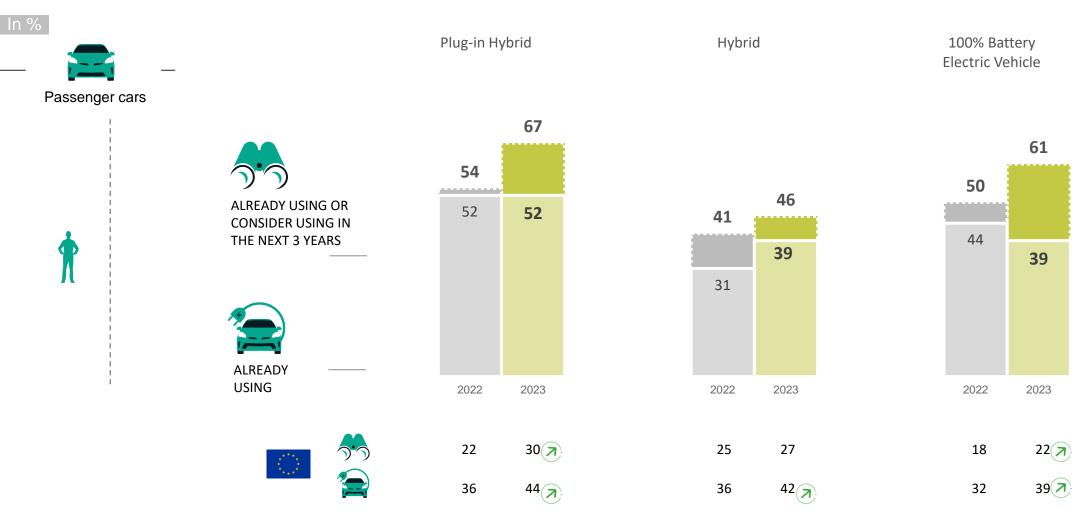
Amongst the following alternative fuel technologies, which ones do you currently use...? Amongst the following alternative fuel technologies, which ones are you considering using ...?

Evolution vs. previous years





Evolution vs. previous years – Focus Less than 10 empl.





Evolution vs. previous years – Focus 10 - 99 empl.





Passenger cars



ALREADY USING OR CONSIDER USING IN

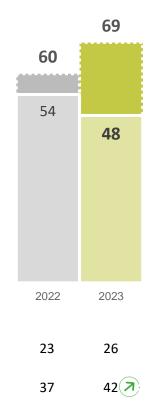


THE NEXT 3 YEARS

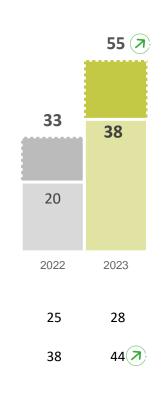




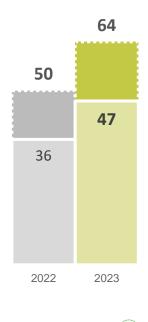










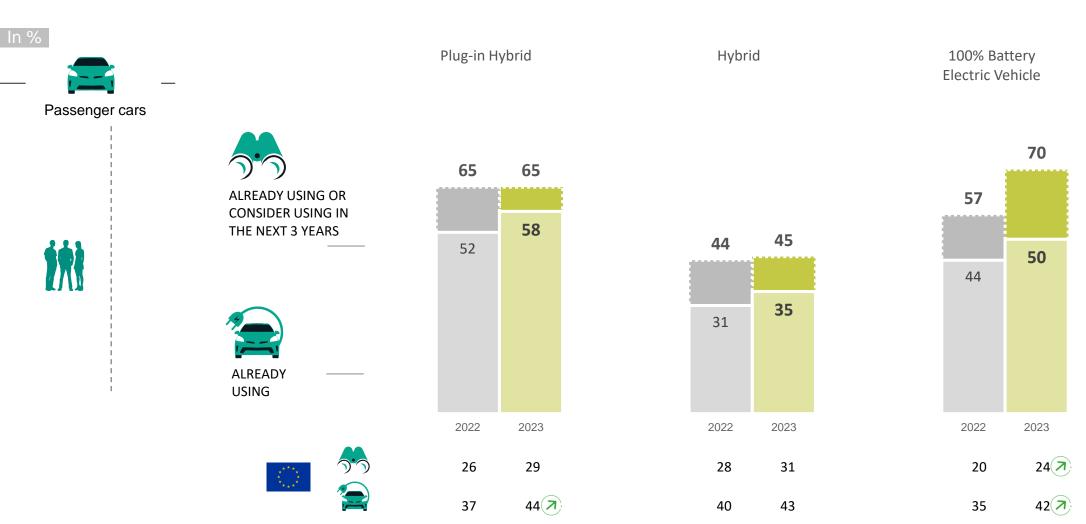






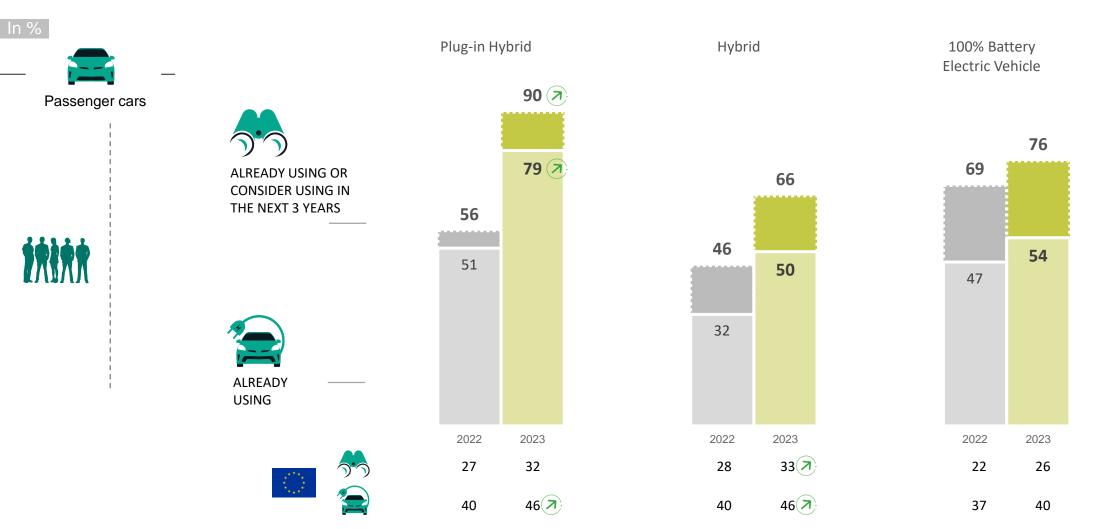


Evolution vs. previous years – Focus 100 - 249 empl.



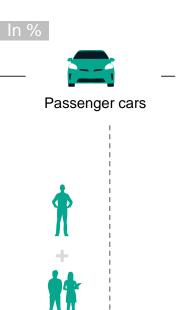


Evolution vs. previous years - Focus 250 empl. or more





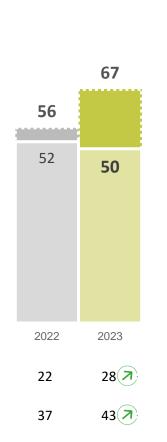
Evolution vs. previous years – Focus on 1 to 99



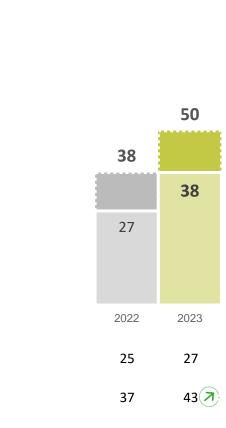


ALREADY USING

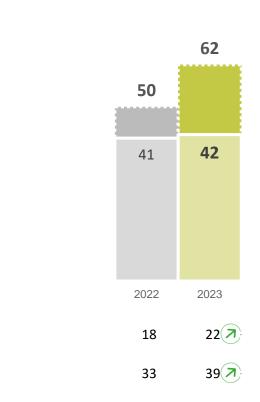




Plug-in Hybrid



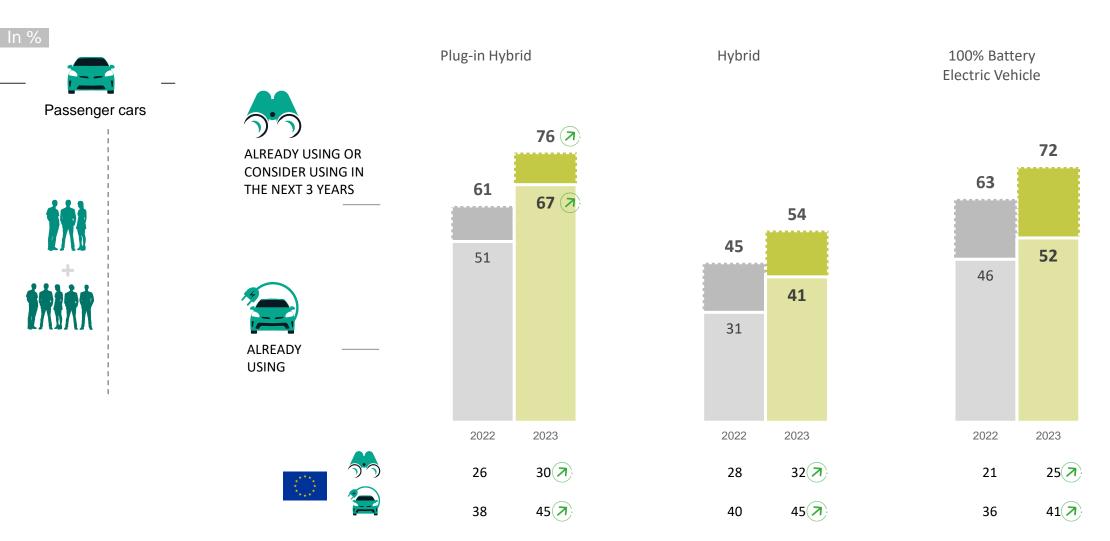
Hybrid



100% Battery Electric Vehicle



Evolution vs. previous years – Focus on 100 and more





Passenger car fleet



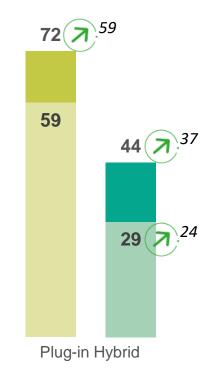


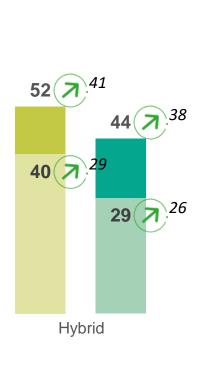


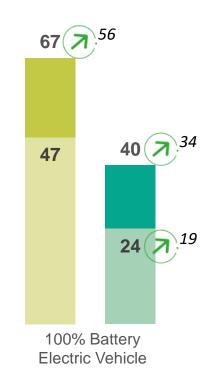






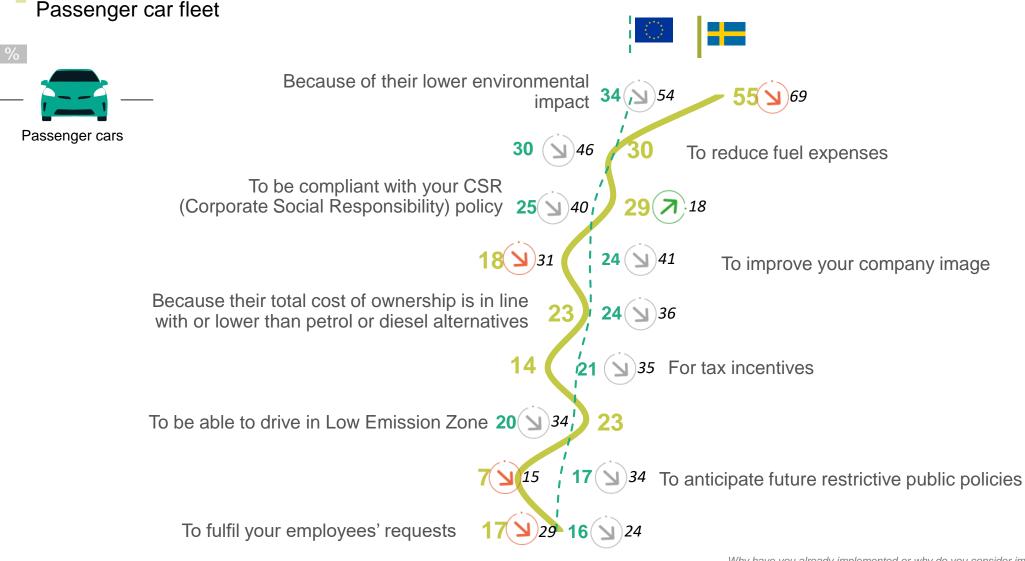








REASONS FOR IMPLEMENTING OR CONSIDERING ALTERNATIVE FUEL TECHNOLOGIES





Why have you already implemented or why do you consider implementing alternative fuel technologies?

Basis: companies having implemented or considering Hybrid, Plug-in Hybrid or Electric passenger cars

CONSIDERATION FOR ALTERNATIVE FUEL TECHNOLOGIES

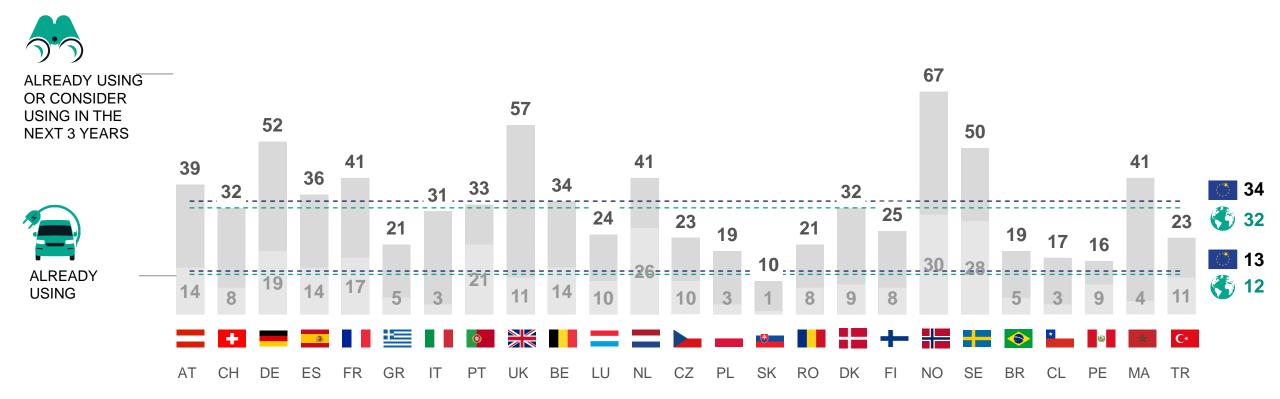
(At least one technology among 100% BEV and Hydrogen Fuel cell)





HOW TO READ THE RESULTS?

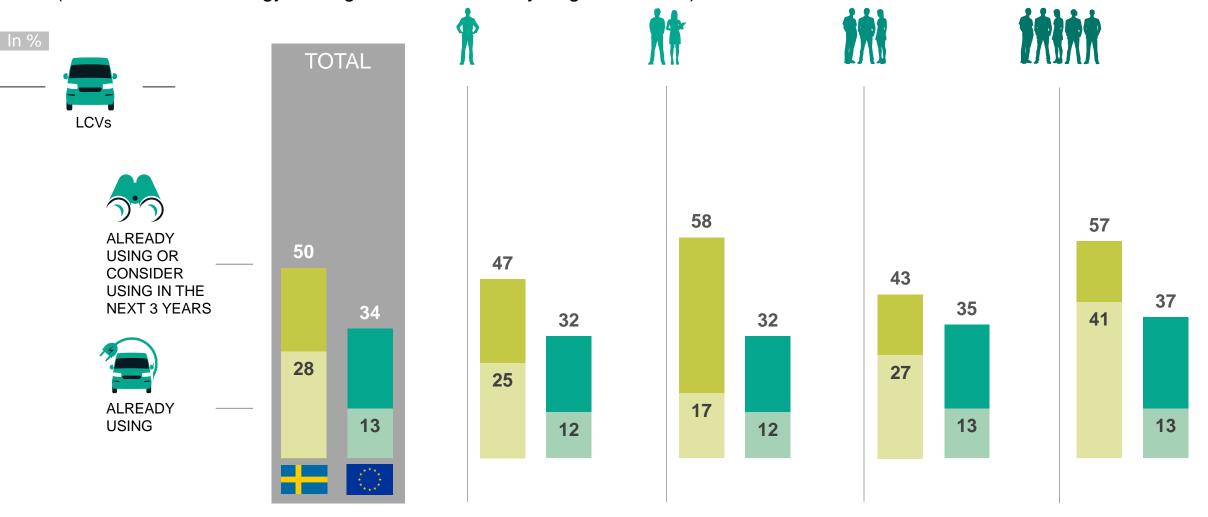
In Sweden, 50% of the companies are already using or consider to implement at least one alternative technology in the next 3 years. 28% of the companies is currently using at least one.





CONSIDERATION FOR ALTERNATIVE FUEL TECHNOLOGIES

(At least one technology among 100% BEV and Hydrogen Fuel cell)





Evolution vs. previous years

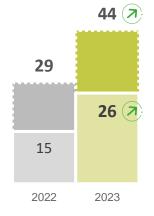
In %



100% Battery Electric Vehicle











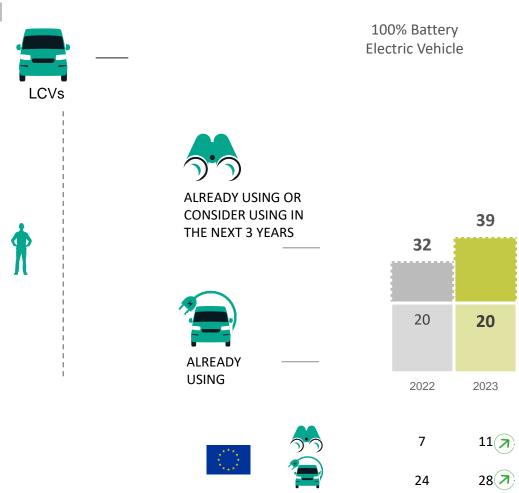
8 11 7

25 29 🗷



Evolution vs. previous years – Less than 10 empl.

<u>I</u>n %

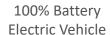




Evolution vs. previous years – 10 - 99 empl.

In %

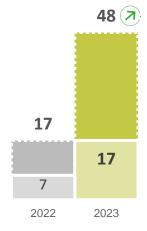






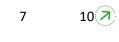












27

23



Evolution vs. previous years – 100 - 249 empl.

In %

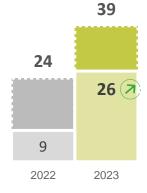


100% Battery Electric Vehicle



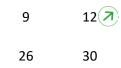














Evolution vs. previous years – 250 empl. or more

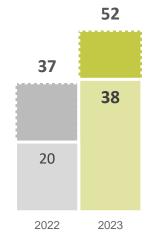








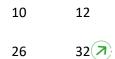














Evolution vs. previous years – Focus on 1 to 99



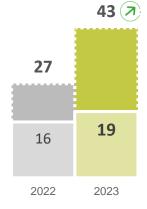




100% Battery Electric Vehicle













23 27 🗷



Evolution vs. previous years - Focus on 100 and more





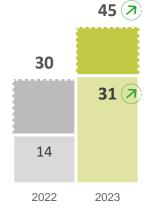




THE NEXT 3 YEARS

100% Battery Electric Vehicle











12 🗷





LCV Fleet

In %

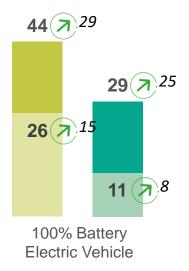


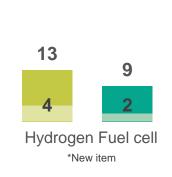






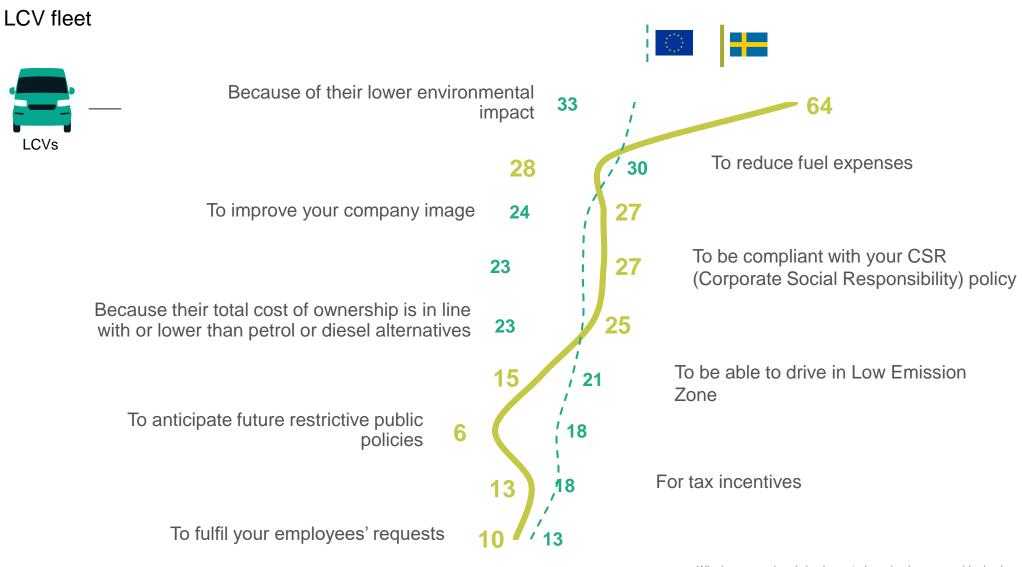








REASONS FOR IMPLEMENTING OR CONSIDERING ALTERNATIVE FUEL TECHNOLOGIES





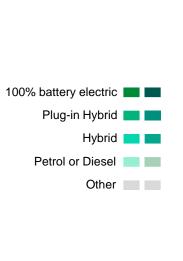
Why have you already implemented or why do you consider implementing alternative fuel technologies?

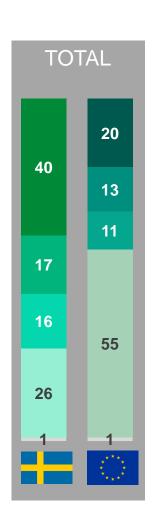
Basis: companies having implemented or considering 100% Battery Electric Vehicle for LCVs

HOW TO READ THE RESULTS?

In Sweden in 3 years, 40% of the companies passenger car fleet will be 100% BEV.











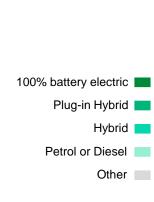


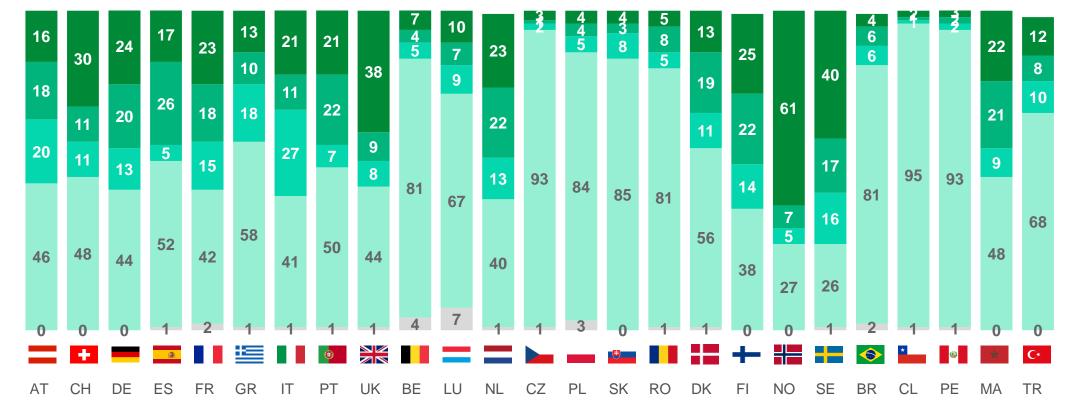


HOW TO READ THE RESULTS?

In Sweden in 3 years, 40% of the companies passenger car fleet will be 100% BEV.









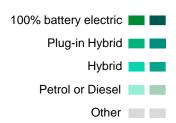
This question has been asked differently in 2023, no comparison vs 2022

In your opinion, what percentage of your passenger car fleet will be: 100% battery electric, Plug-in Hybrid, Hybrid, petrol or diesel vehicles in 3 years?

Basis: companies with passenger cars

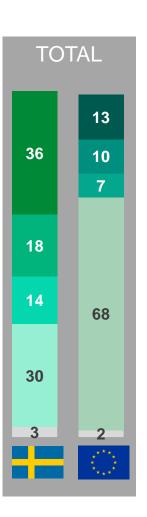
In %





HOW TO READ THE RESULTS?

In Sweden in 3 years, 36% of the light commercial vehicle fleet will be 100% BEV.





This question has been asked differently in 2023, no comparison vs 2022

In your opinion, what percentage of your light commercial vehicle fleet will be: 100% battery electric, Plug-in Hybrid, Hybrid, petrol or diesel vehicles in 3 years?

Basis: companies with LCVs

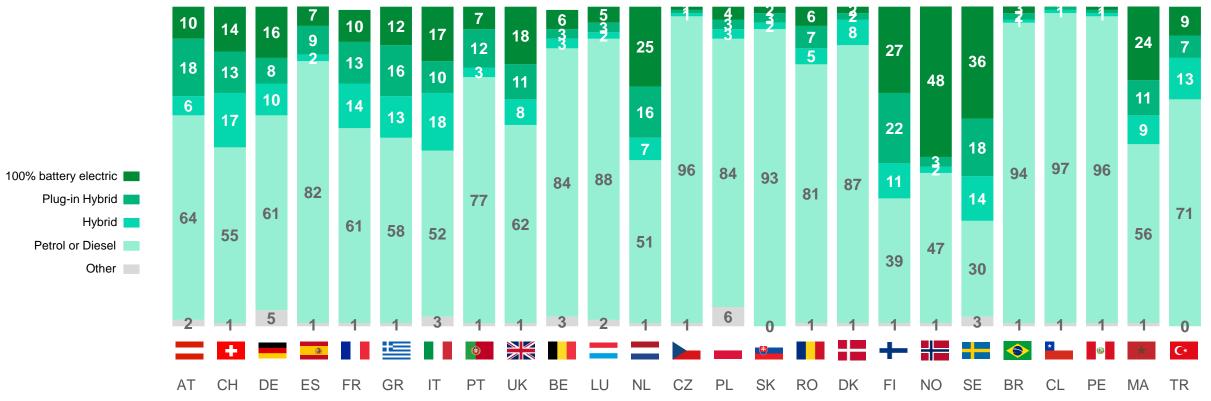


In %



HOW TO READ THE RESULTS?

In Sweden in 3 years, 36% of the light commercial vehicle fleet will be 100% BEV.





This question has been asked differently in 2023, no comparison vs 2022

In your opinion, what percentage of your light commercial vehicle fleet will be: 100% battery electric, Plug-in Hybrid, Hybrid, petrol or diesel vehicles in 3 years?

Basis: companies with LCVs

ENERGY MIX FOCUS PER ALTERNATIVE TECHNOLOGY

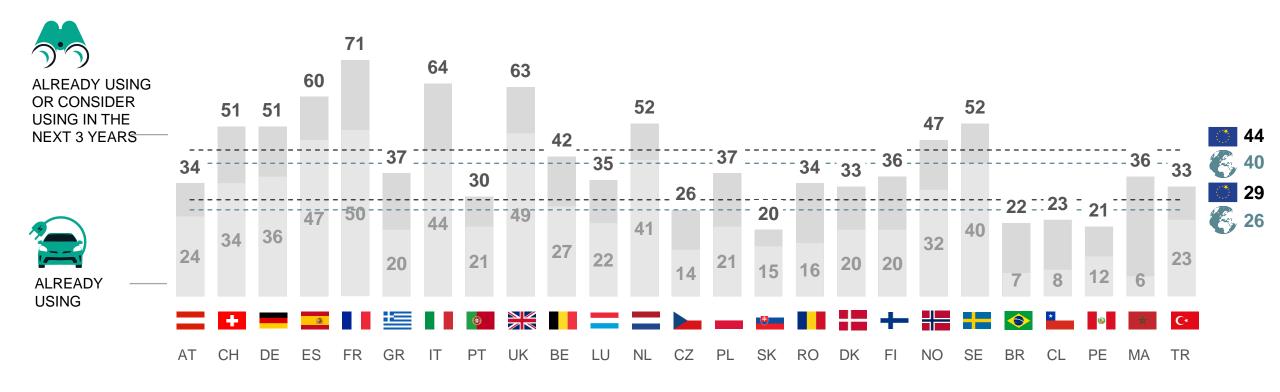


HYBRID: IMPLEMENTATION WITHIN COMPANY FLEET POLICY

In %



Passenger cars

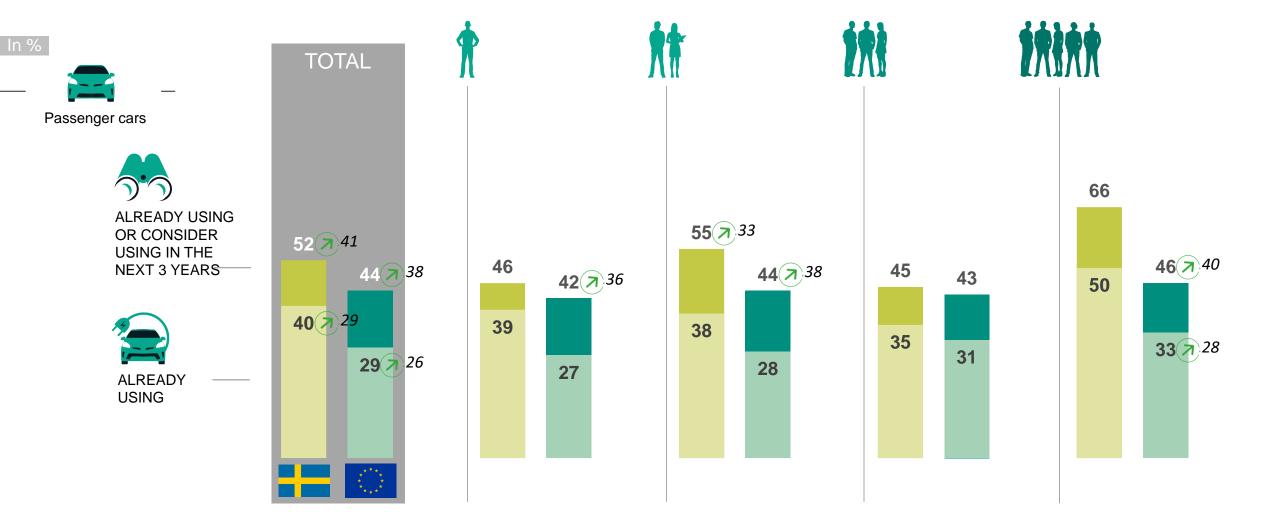




Amongst the following alternative fuel technologies, which ones do you currently use...?

Amongst the following alternative fuel technologies, which ones are you considering using...?

HYBRID: IMPLEMENTATION WITHIN COMPANY FLEET POLICY

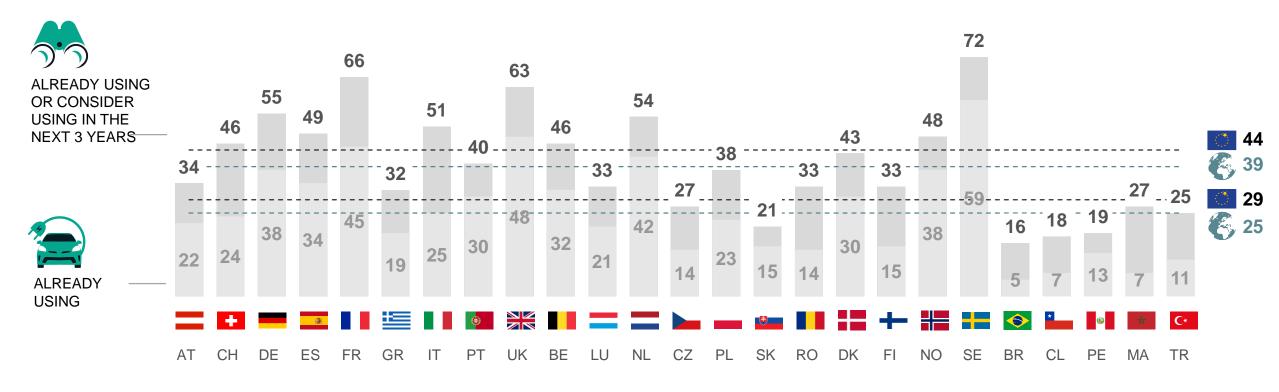




PLUG-IN HYBRID: IMPLEMENTATION WITHIN COMPANY FLEET POLICY

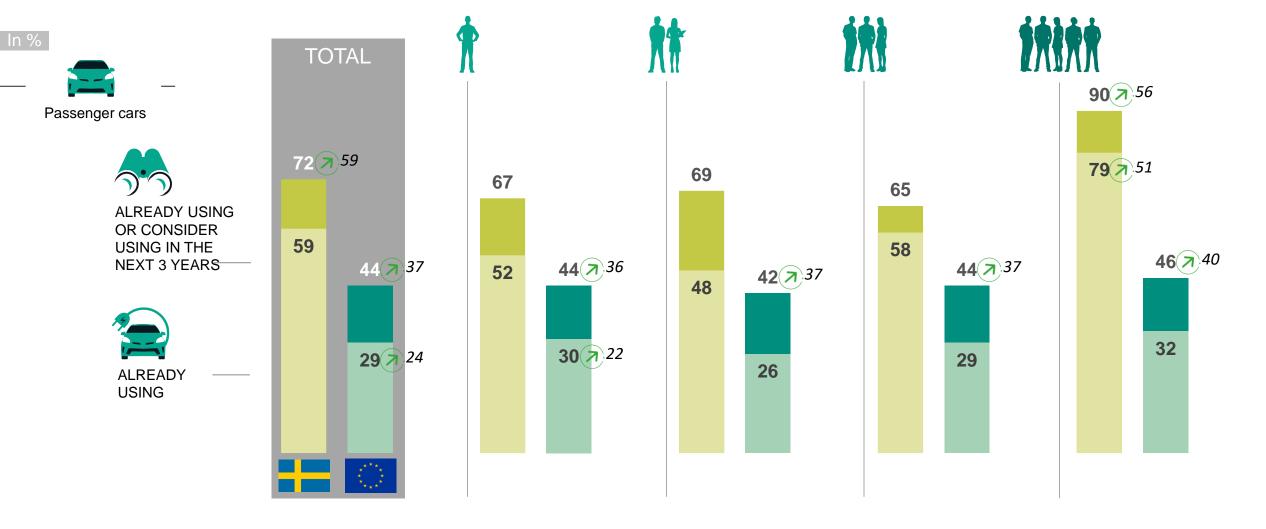
In %







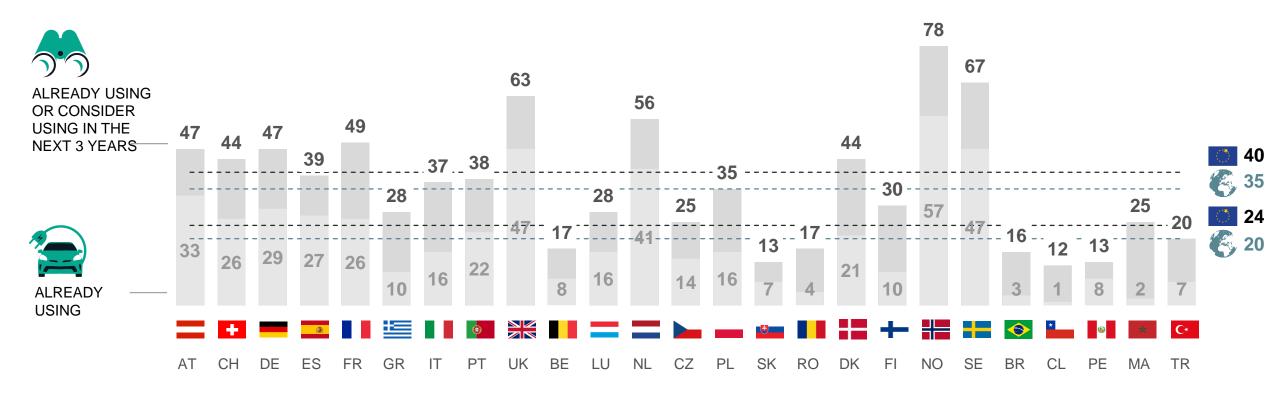
PLUG-IN HYBRID: IMPLEMENTATION WITHIN COMPANY FLEET POLICY



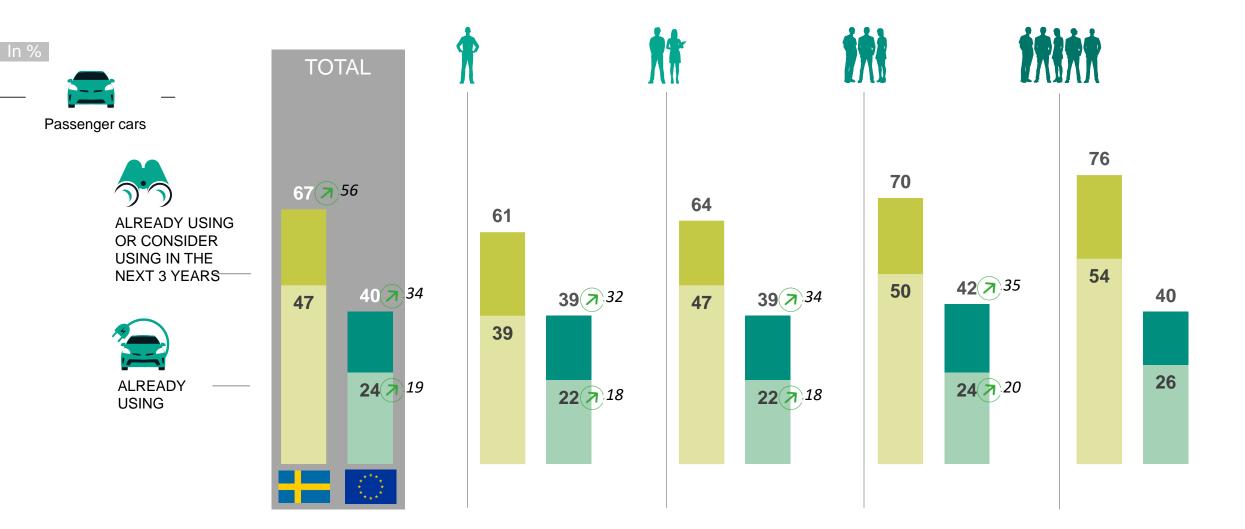


In %





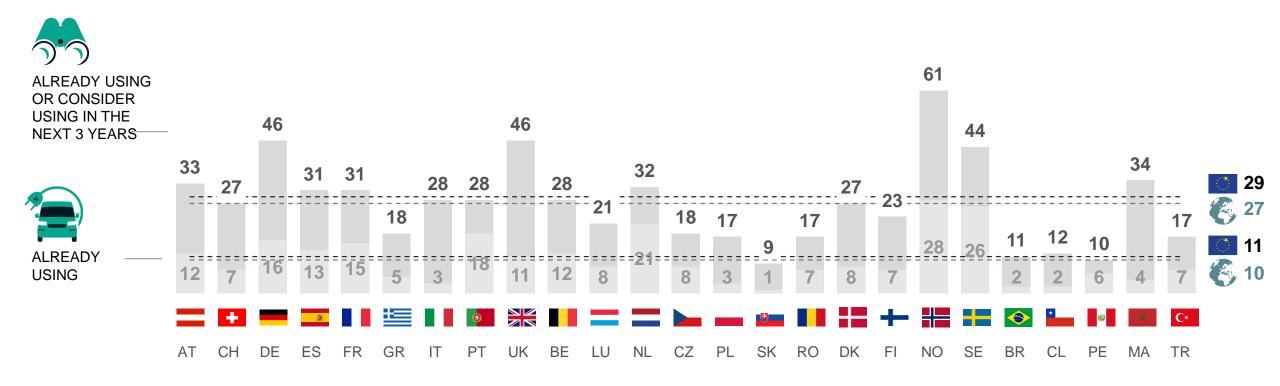




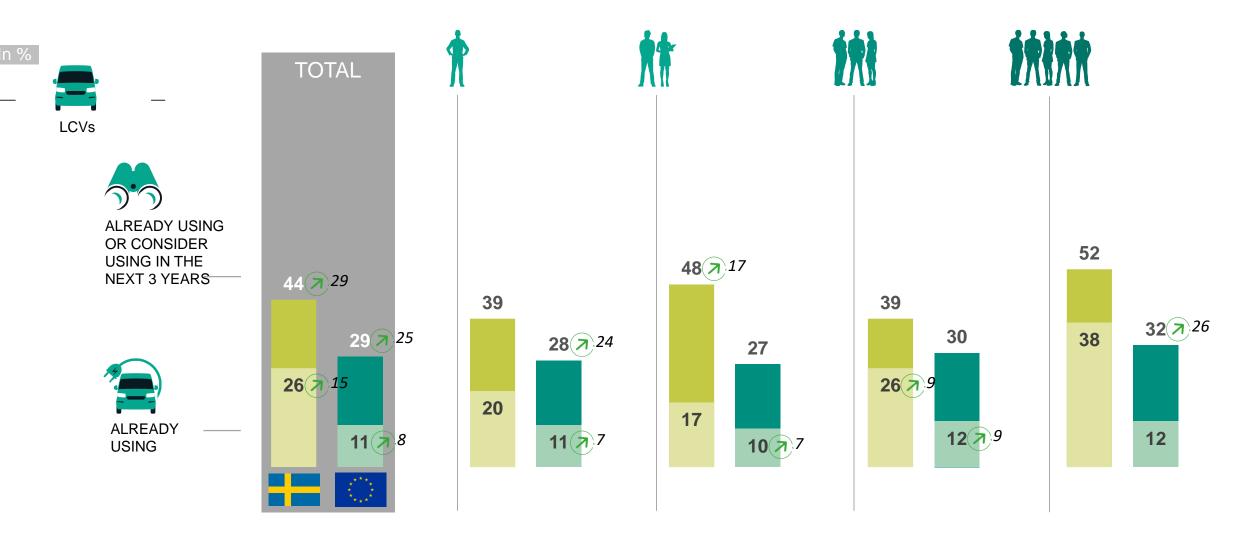


In %











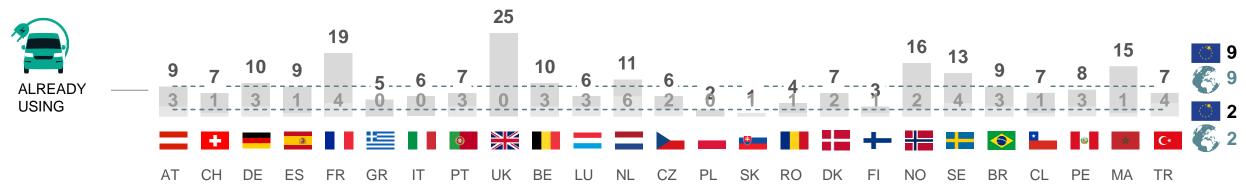
HYDROGEN FUEL CELL ELECTRIC VEHICLE: IMPLEMENTATION WITHIN COMPANY FLEET POLICY

In %





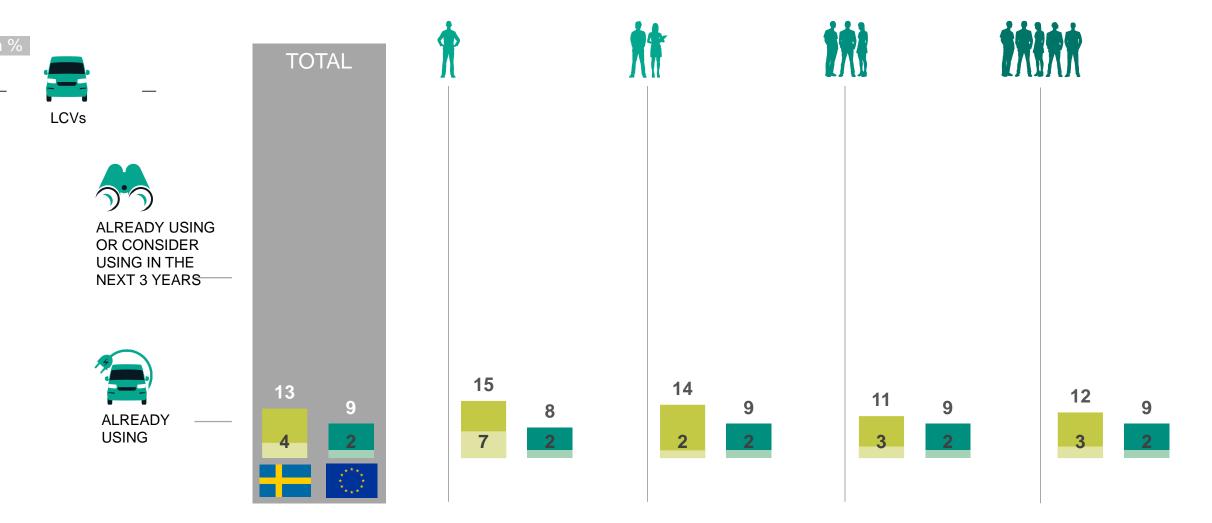
NEXT 3 YEARS





New item added in 2023

HYDROGEN FUEL CELL ELECTRIC VEHICLE: IMPLEMENTATION WITHIN COMPANY FLEET POLICY



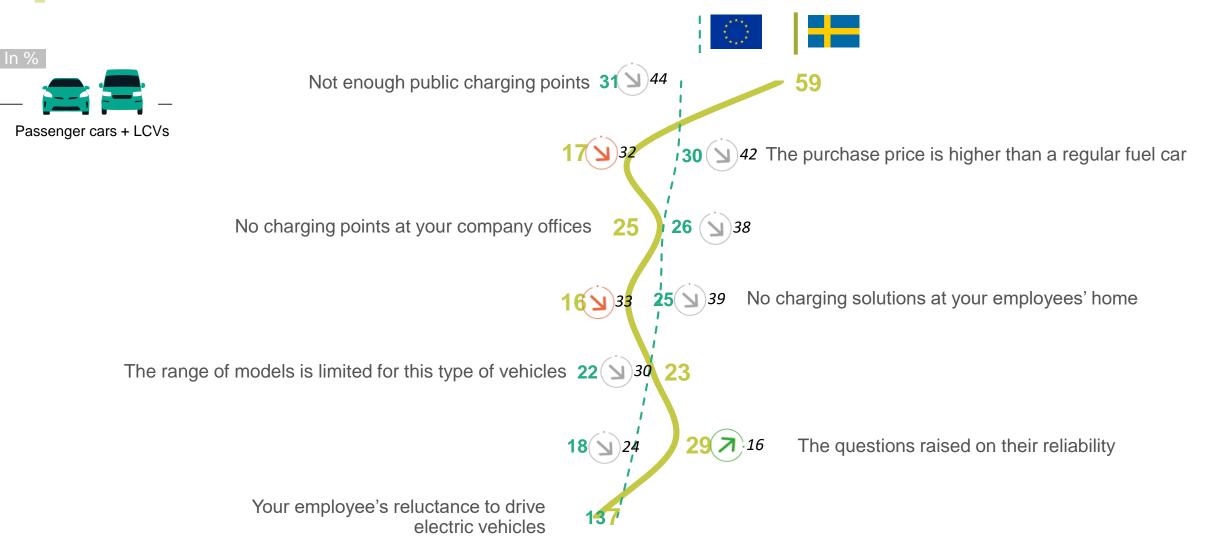


Amongst the following alternative fuel technologies, which ones do you currently use...?

Amongst the following alternative fuel technologies, which ones are you considering using...?

Basis: companies with LCVs

CONSTRAINTS OF 100% BATTERY ELECTRIC VEHICLE USAGE

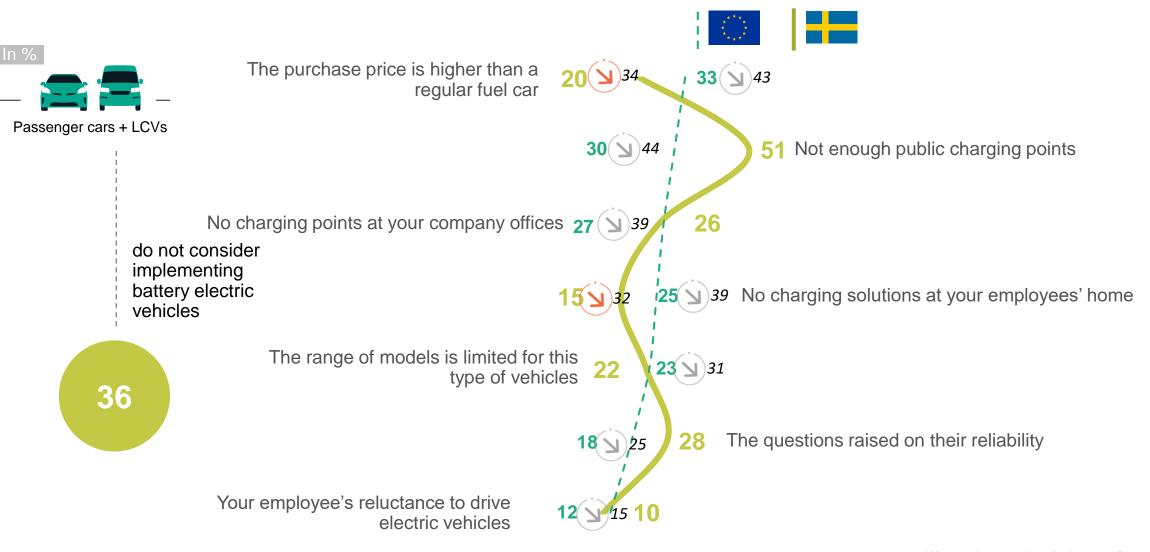




What are the constraints of using 100% Battery Electric vehicles?

Basis: Know 100% BEV technology

CONSTRAINTS OF 100% BATTERY ELECTRIC VEHICLE USAGE

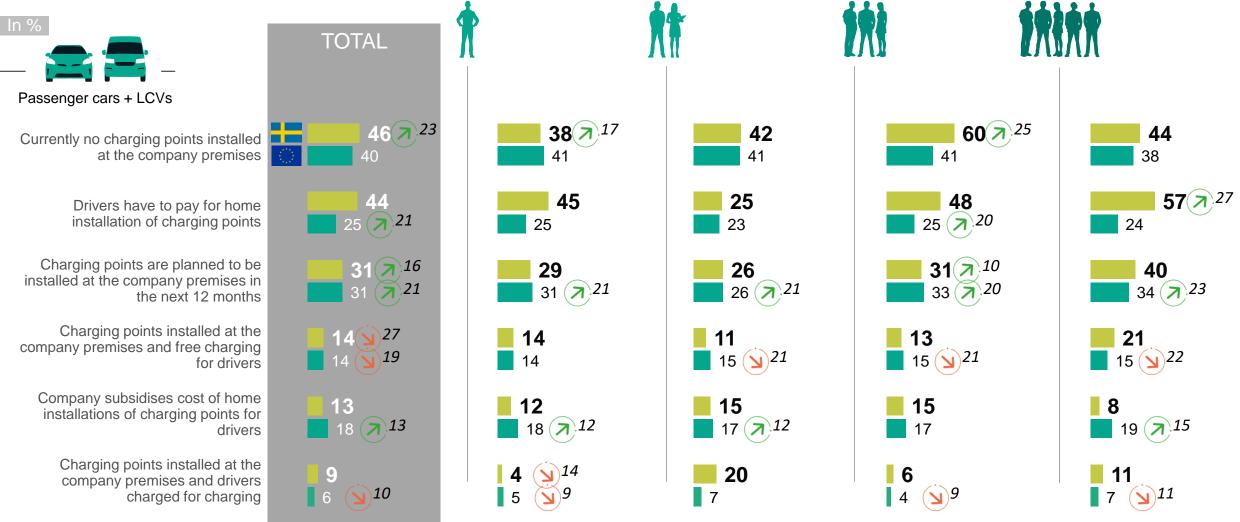




What are the constraints of using 100% Battery Electric vehicles?

Basis: Not considering implementing 100% BEV technology

ACCESS TO CHARGING POINTS



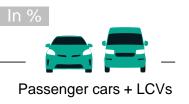
Multiple answers - % don't add up to 100%

In terms of charging point installation and responsibility for the cost of charging for battery electric and plug-in hybrid vehicles in your company...?

Basis: companies already using or considering BEV/PHEV for passenger cars or BEV for LCV



SUPPORTING DRIVERS FOR THE INSTALLATION OF CHARGING POINTS



TOTAL









% Yes

25

27

29

23

23



WHAT ARE THE PERSPECTIVES IN TERMS OF MOBILITY SOLUTIONS?



MOBILITY SOLUTIONS



TOP 3 USED SOLUTIONS

Ride sharing: where several employees travel in the same car to the same destination

36%

19%

A short or mid term rental vehicle to provide mobility for an employee

27%

19%

Public transport

#3

22%

21%



TOP 3 POTENTIAL NEXT 3 YEARS

Ride sharing: where several #1 employees travel in the same car to the same destination

40% ... 28%

#2 short or mid term rental #2 chicle to provide mobility for an employee

35% --- 28%

Bike (or other two wheels) sharing / bike (or other two wheels) leasing: solution provided by the company

33%

29%

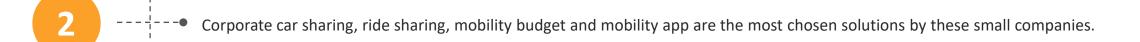


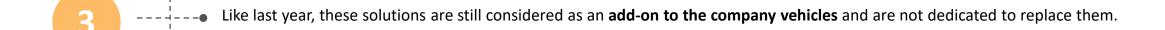
HIGH PENETRATION OF MOBILITY SOLUTIONS, DRIVEN BY THE SMALLEST COMPANIES

To note: in 2023, were interrogated only respondents that are aware of mobility solutions, which means almost 81% of overall population (no impact on the representativity of the results). One third of the respondents were managing directors.

And a new mobility solution was tested "car or cash allowance", allowing no comparison of mobility solutions implementation vs 2022.







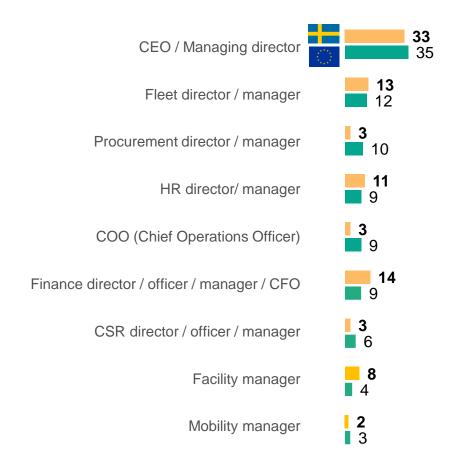


MOBILITY SOLUTION DECISION MAKERS

RESPONDENTS INVOLVEMENT IN MOBILITY SOLUTION DECISIONS

NET ARE AWARE OF 89 **MOBILITY SOLUTIONS** (Decision maker, influencer or informed) 47 49 I am a decision maker or a codecision maker I have some influence on the decisions but do not decide 19 25 I am not involved in the decisionmaking process, but I am informed about mobility solutions 17 I am not aware of mobility solutions in the company

POSITION OF THE PERSON WHO DECIDES ON MOBILITY SOLUTIONS





New questions added in 2023

POSITION OF THE PERSON WHO DECIDES ON MOBILITY SOLUTIONS

TOTAL 34 CEO / Managing director Fleet director / manager Procurement director / manager HR director/ manager COO (Chief Operations Officer) Finance director / officer / manager / CFO CSR director / officer / manager Facility manager Mobility manager



MOBILITY SOLUTIONS LIST AND DEFINITIONS



CORPORATE CAR SHARING:

where an employee can make a vehicle reservation via an external solution



MOBILITY BUDGET predefined budget granted by the employer allowing employees to choose their mode of transport



RIDE SHARING: where several employees travel in the same car to the same destination



AN APP TO BOOK MOBILITY SOLUTIONS PROVIDED BY THE COMPANY



BIKE (OR OTHER TWO WHEELS) SHARING / BIKE (OR OTHER TWO WHEELS) LEASING solution provided by the company



PRIVATE LEASE OR SALARY SACRIFICE (private lease where an employee leases a car on his own behalf / salary sacrifice where an employee leases a car via their employer)



PUBLIC TRANSPORT



A SHORT OR MID TERM RENTAL VEHICLE to provide transport for an employee



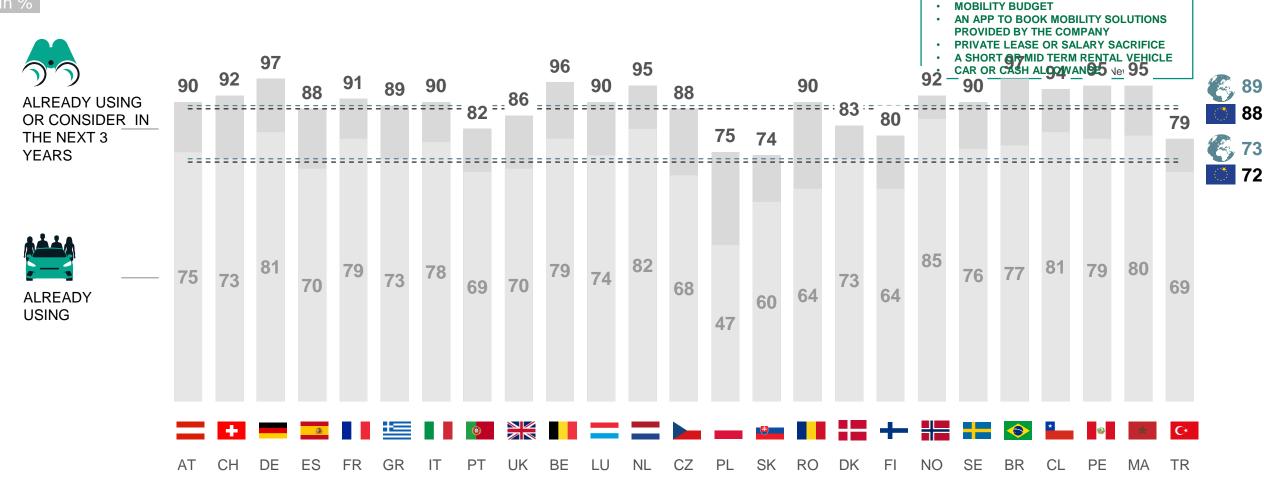
CAR OR CASH ALLOWANCE *New item



MOBILITY SOLUTIONS IMPLEMENTATION

At least one already implemented (including car or cash allowance)

In %





List of the alternative mobility solutions:CORPORATE CAR SHARING

BIKE SHARING / BIKE LEASING

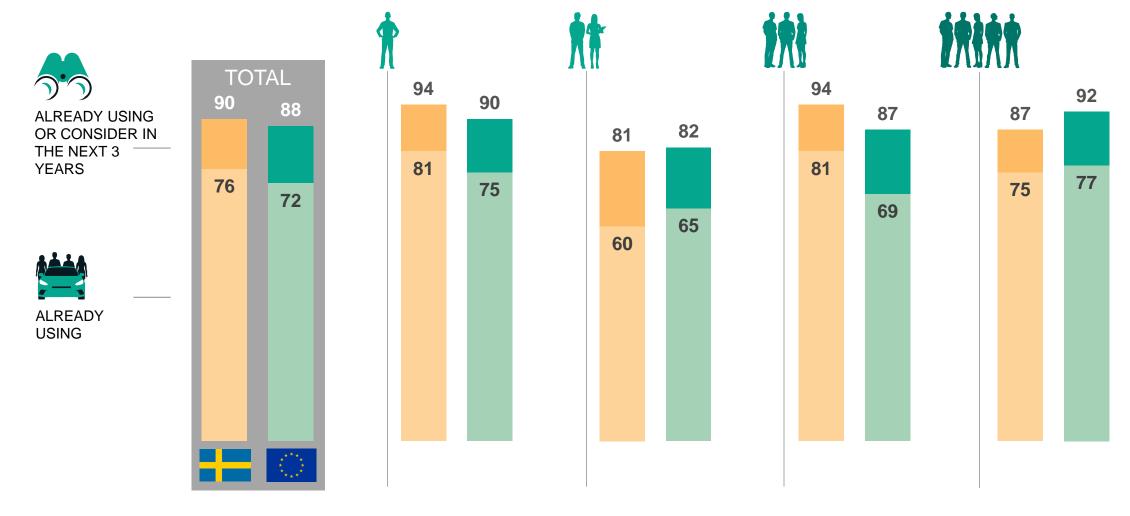
RIDE SHARING

PUBLIC TRANSPORT

MOBILITY SOLUTIONS IMPLEMENTATION

At least one already implemented (including car or cash allowance)

ln %





OVERVIEW OF MOBILITY SOLUTIONS IMPLEMENTATION

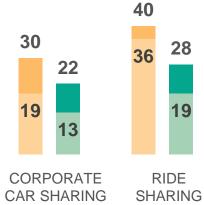


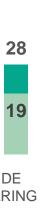


Of companies have already implemented at least one of these solutions

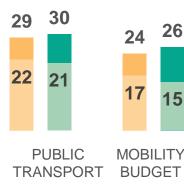




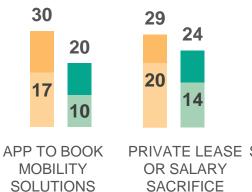


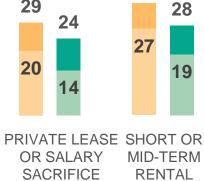






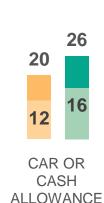






35

VEHICLES



*New item

Which of the following have you implemented or will you implement in the next 3 years? Response scale: Already using, considered in the next 3 years, not interested Basis: companies with corporate vehicles = 100% Question asked to respondents that are aware of mobility solutions 100



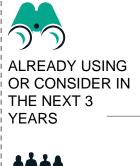
OVERVIEW OF MOBILITY SOLUTIONS IMPLEMENTATION

Focus on 1 to 99

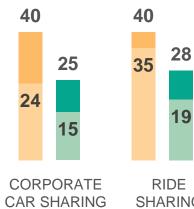


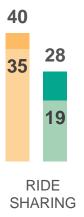
Of companies have already implemented at least one of these solutions







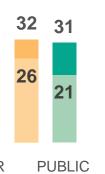


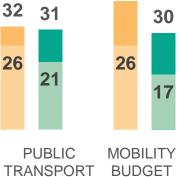




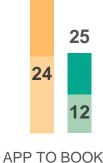
SHARING /

LEASING





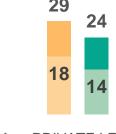
40



MOBILITY

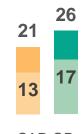
SOLUTIONS

42



SACRIFICE





CAR OR CASH **ALLOWANCE**

*New item



RENTAL

VEHICLES

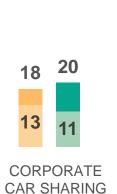
OVERVIEW OF MOBILITY SOLUTIONS IMPLEMENTATION

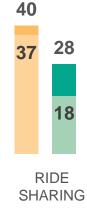
Focus on 100 and more

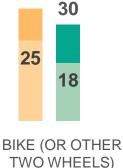
Of companies have already implemented at least one of these solutions







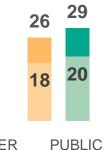


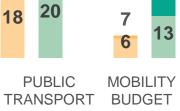


SHARING /

LEASING

35





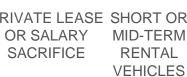
21





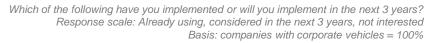


43





*New item

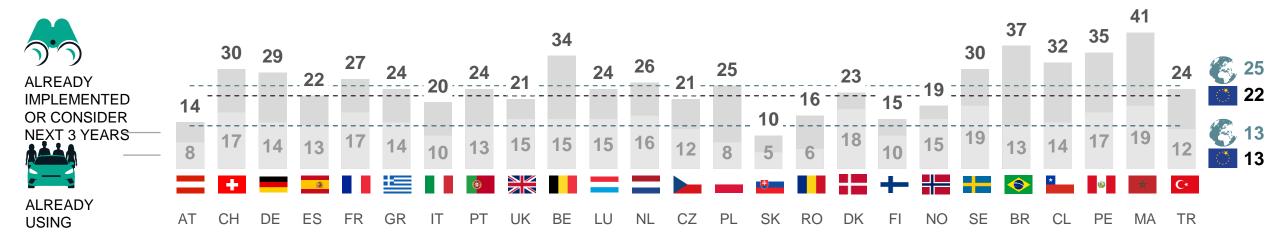


Question asked to respondents that are aware of mobility solutions



CORPORATE CAR SHARING IMPLEMENTATION

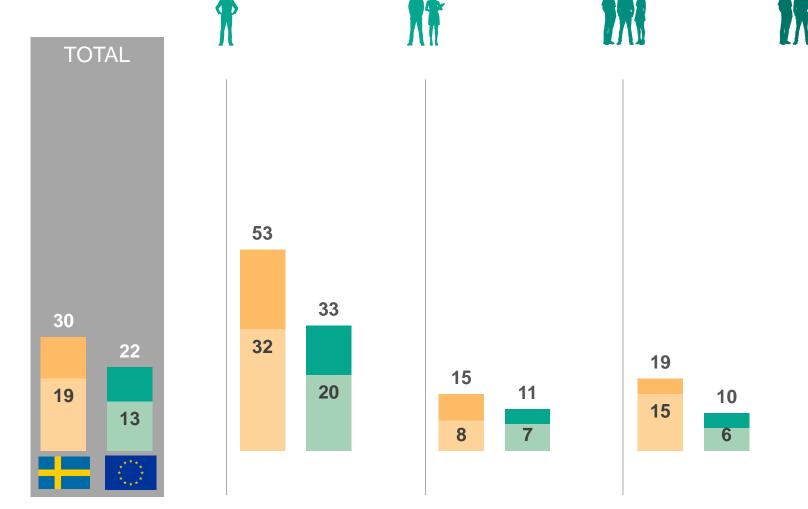
In %





CORPORATE CAR SHARING IMPLEMENTATION

n %





ALREADY USING

OR CONSIDER IN

THE NEXT 3

YEARS

ALREADY USING 18

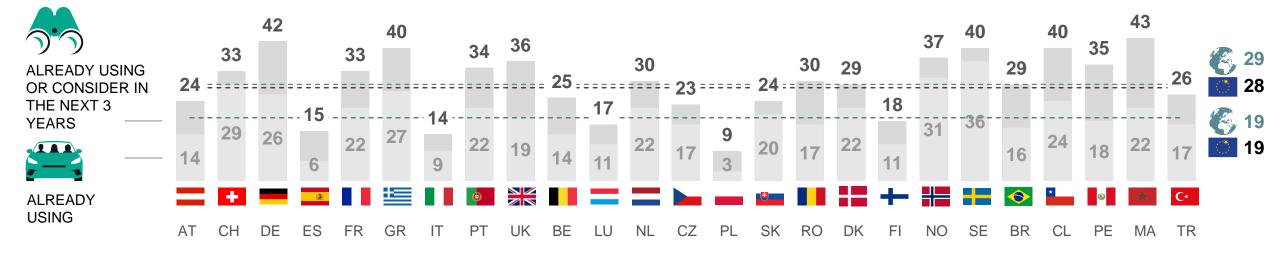
12

32

17

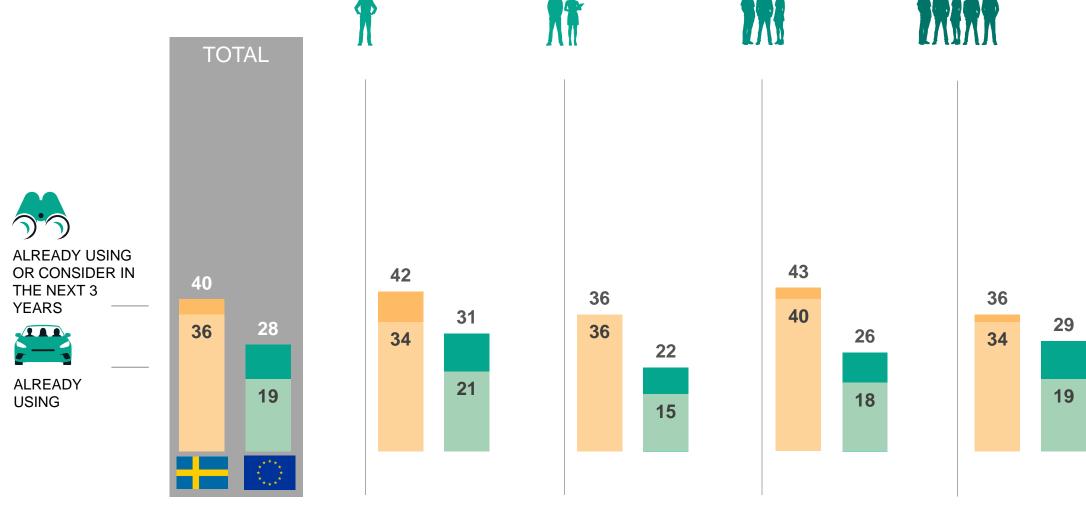
RIDE SHARING IMPLEMENTATION

In %





RIDE SHARING IMPLEMENTATION



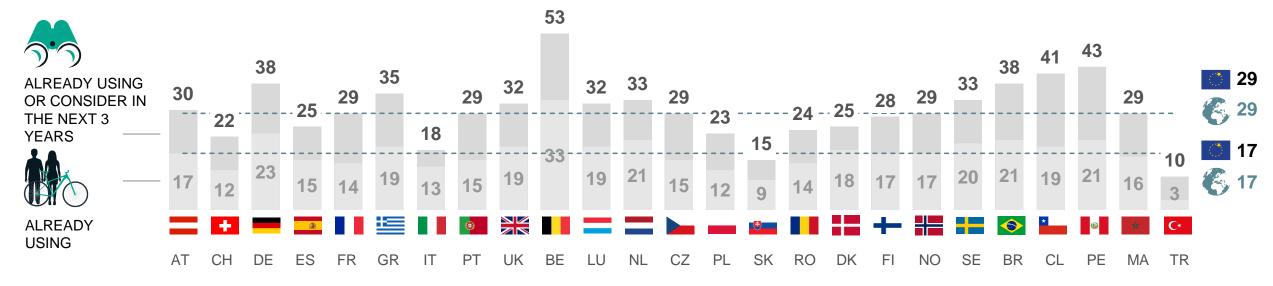


Which of the following have you implemented or will you implement in the next 3 years? Response scale: Already using, considered in the next 3 years, not interested Basis: companies with corporate vehicles = 100%

Question asked to respondents that are aware of mobility solutions

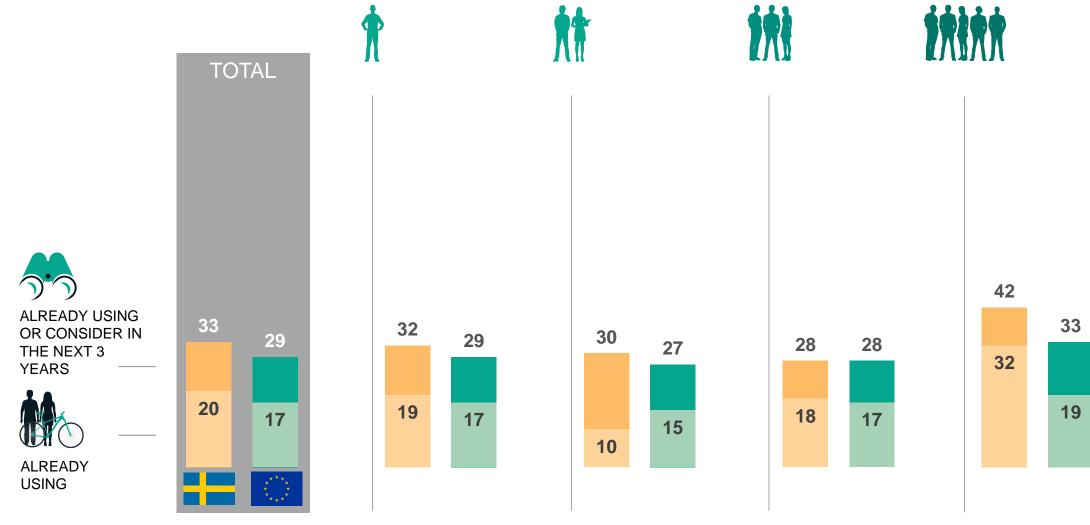
BIKE (OR OTHER TWO WHEELS) SHARING / LEASING IMPLEMENTATION

ln %





BIKE (OR OTHER TWO WHEELS) SHARING / LEASING IMPLEMENTATION





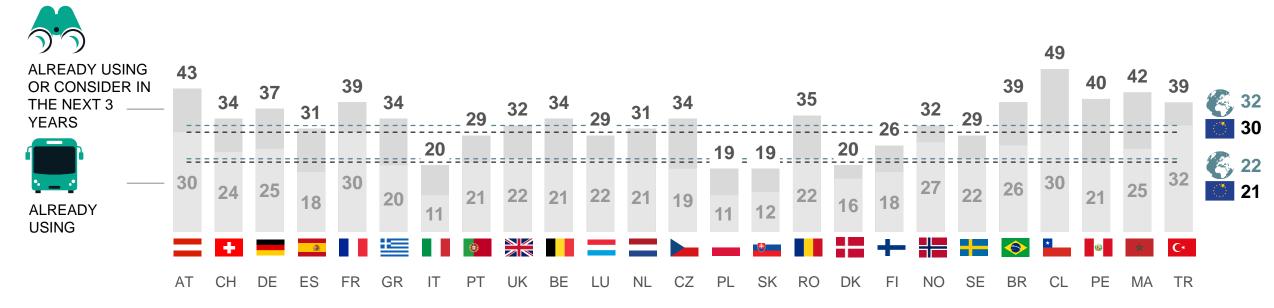
Which of the following have you implemented or will you implement in the next 3 years?

Response scale: Already using, considered in the next 3 years, not interested

Basis: companies with corporate vehicles = 100%

PUBLIC TRANSPORT IMPLEMENTATION

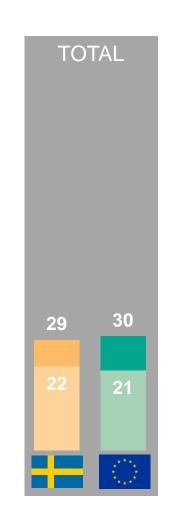
In %

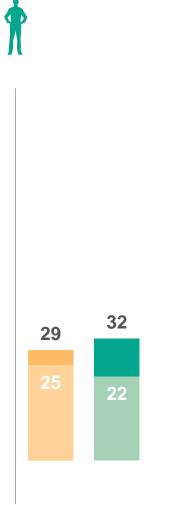


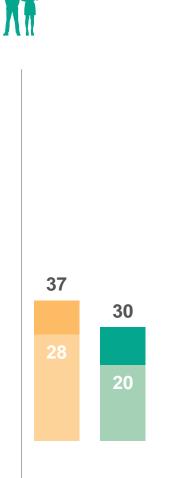


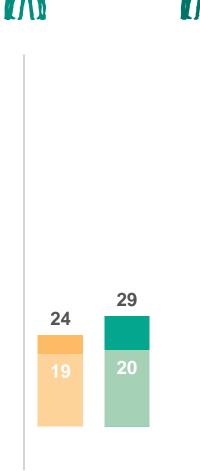
PUBLIC TRANSPORT IMPLEMENTATION

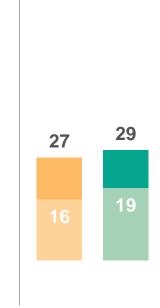
n %













ALREADY USING

OR CONSIDER IN

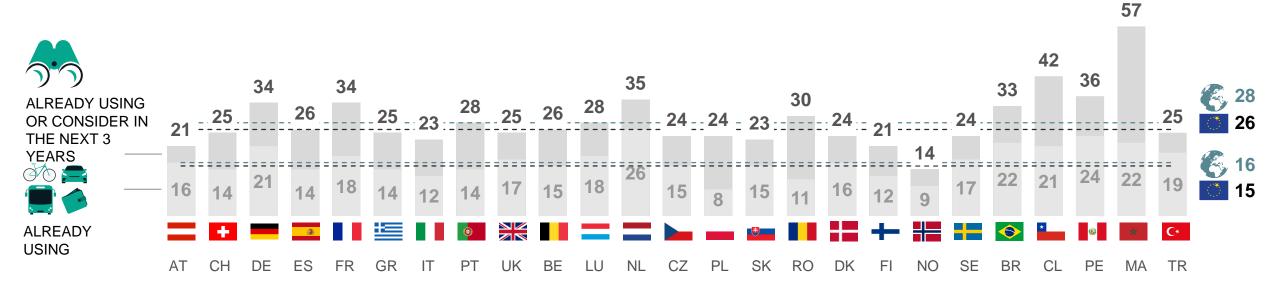
THE NEXT 3

YEARS

ALREADY USING

MOBILITY BUDGET IMPLEMENTATION

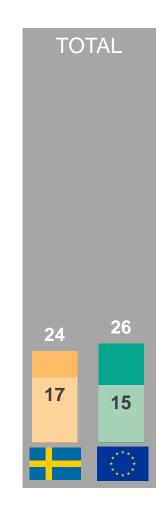
In %

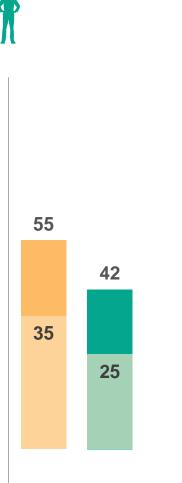




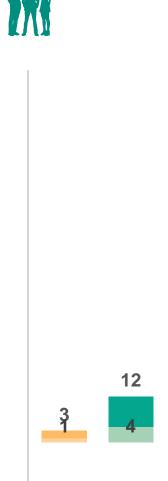
MOBILITY BUDGET IMPLEMENTATION

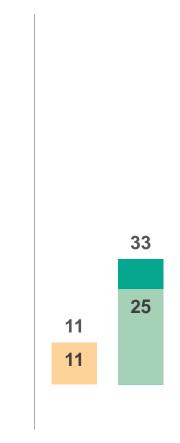
n %













ALREADY USING

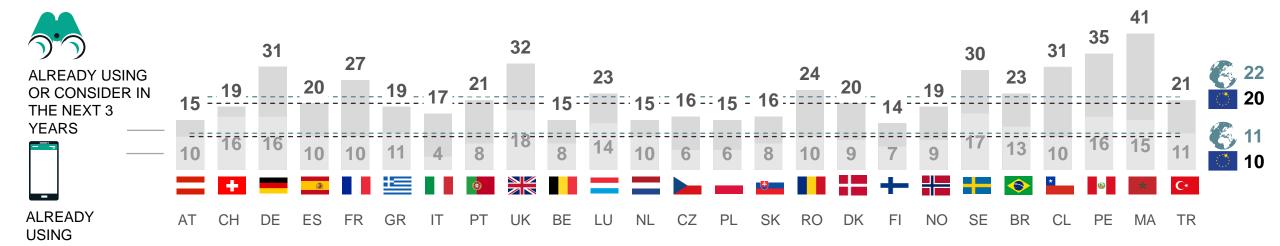
OR CONSIDER IN

THE NEXT 3 YEARS

ALREADY USING

AN APP TO BOOK MOBILITY SOLUTIONS IMPLEMENTATION

ln %





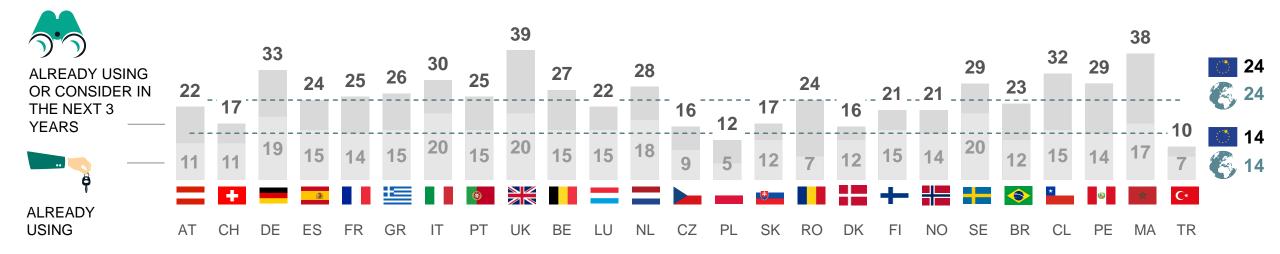
AN APP TO BOOK MOBILITY SOLUTIONS IMPLEMENTATION

TOTAL 56 36 **ALREADY USING** 30 OR CONSIDER IN 26 33 23 THE NEXT 3 20 **YEARS** 15 18 17 16 13 10 **ALREADY USING**



PRIVATE LEASE OR SALARY SACRIFICE IMPLEMENTATION

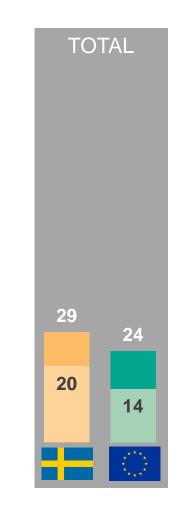
ln %

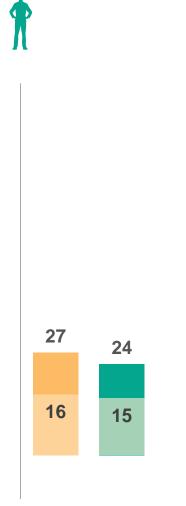


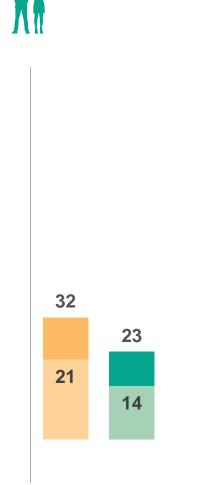


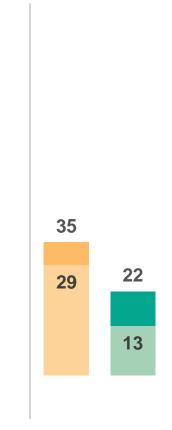
PRIVATE LEASE OR SALARY SACRIFICE IMPLEMENTATION

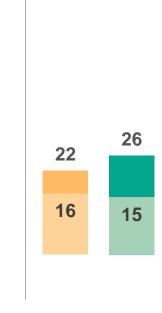
n %













ALREADY USING

OR CONSIDER IN

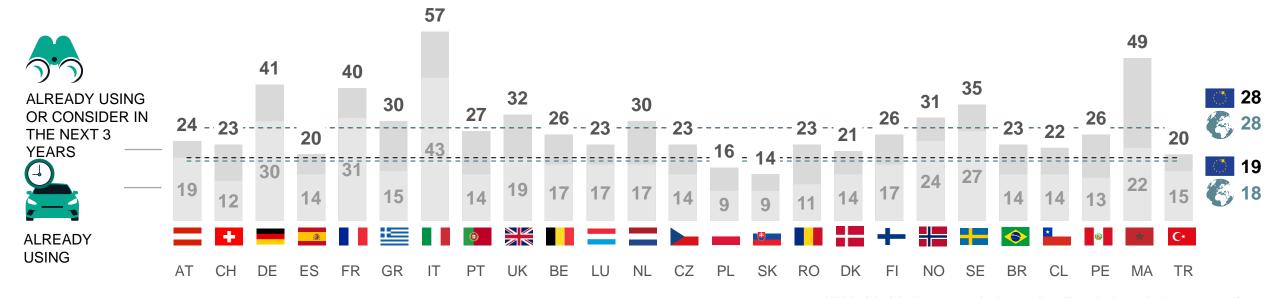
THE NEXT 3

YEARS

ALREADY USING

SHORT OR MID-TERM RENTAL VEHICLES IMPLEMENTATION

ln %



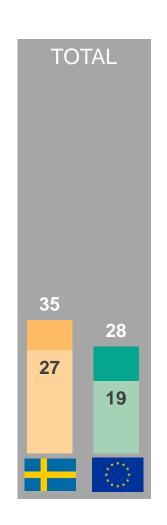


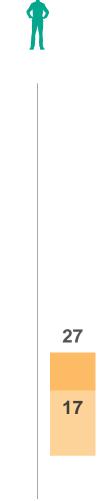
SHORT OR MID-TERM RENTAL VEHICLES IMPLEMENTATION

n %





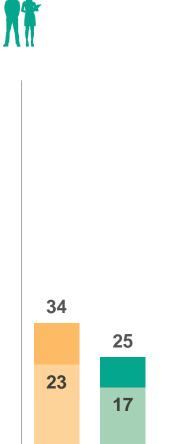


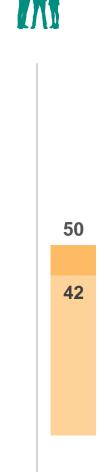


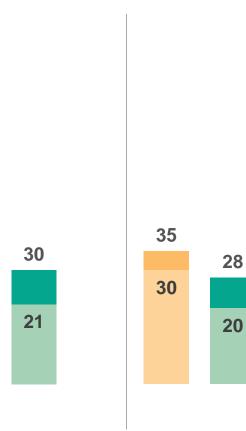


28

17



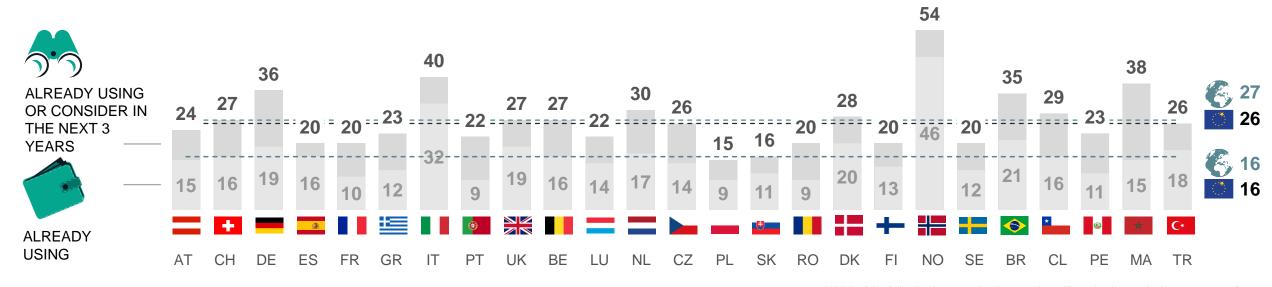






CAR OR CASH ALLOWANCE IMPLEMENTATION

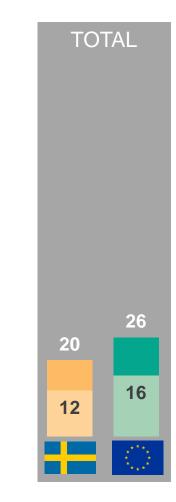
In %

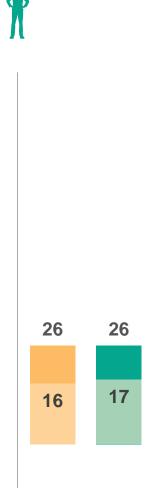


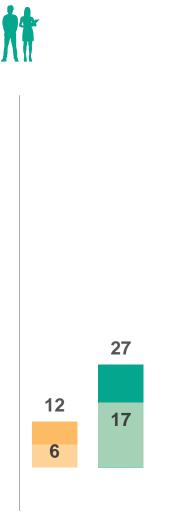


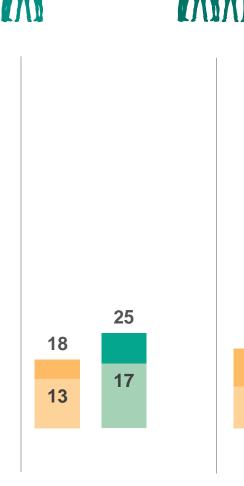
CAR OR CASH ALLOWANCE IMPLEMENTATION

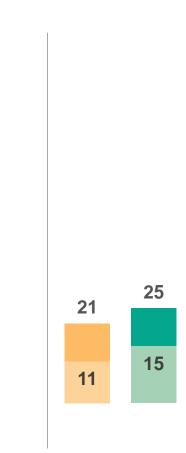
n %













ALREADY USING

OR CONSIDER IN

THE NEXT 3

YEARS

ALREADY USING

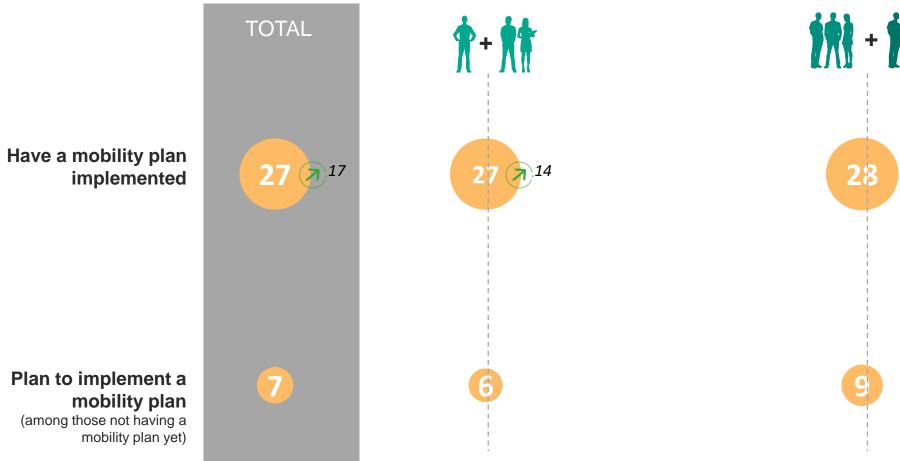
REASONS FOR IMPLEMENTING OR CONSIDERING MOBILITY SOLUTIONS

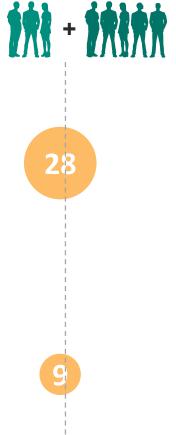
TOTAL For reasons related to CSR (company social responsibility) policies To improve employer branding / company attractiveness for employees Because of HR related needs like talent recruitment, retaining employees etc. To anticipate upcoming regulations To answer specific requests of some employees To provide a safe commute to employees for the sanitary reasons Because of tax incentives



New question added in 2023

MOBILITY PLAN IMPLEMENTATION







Does your company have a Mobility Plan? Basis: Mobility as a strategic factor Is it in your plans to have a mobility plan in the next 3 years?

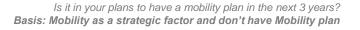
Basis: Mobility as a strategic factor and don't have a Mobility plan

INTENTION TO HAVE A MOBILITY PLAN IN THE NEXT 3 YEARS

ln %

% of companies planning to have a mobility plan in the next 3 years (amongst companies considering mobility as a strategic factor)

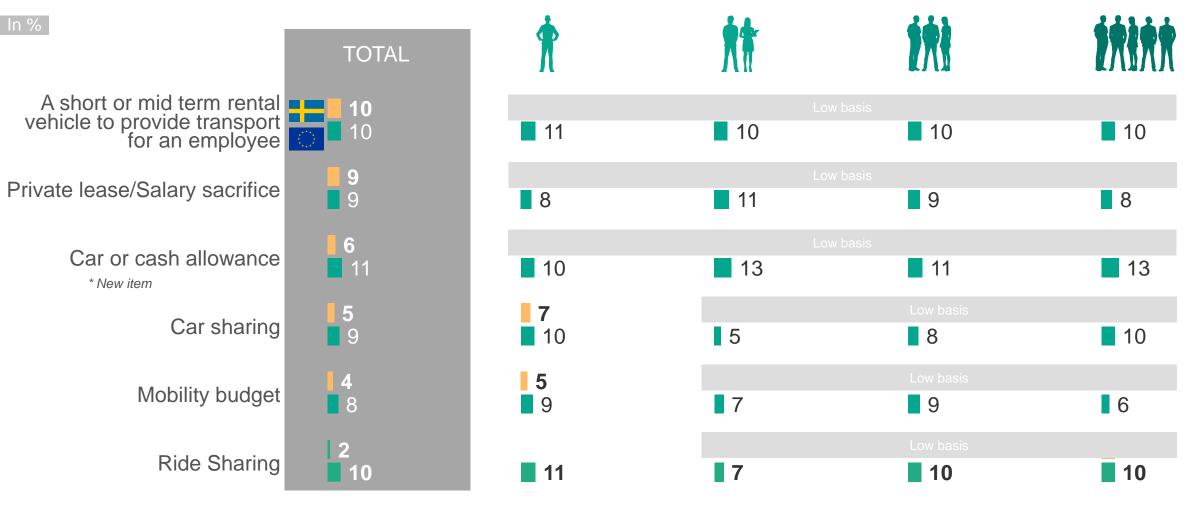






LIKELIHOOD TO GIVE UP ALL / PART OF THE FLEET FOR MOBILITY SOLUTIONS

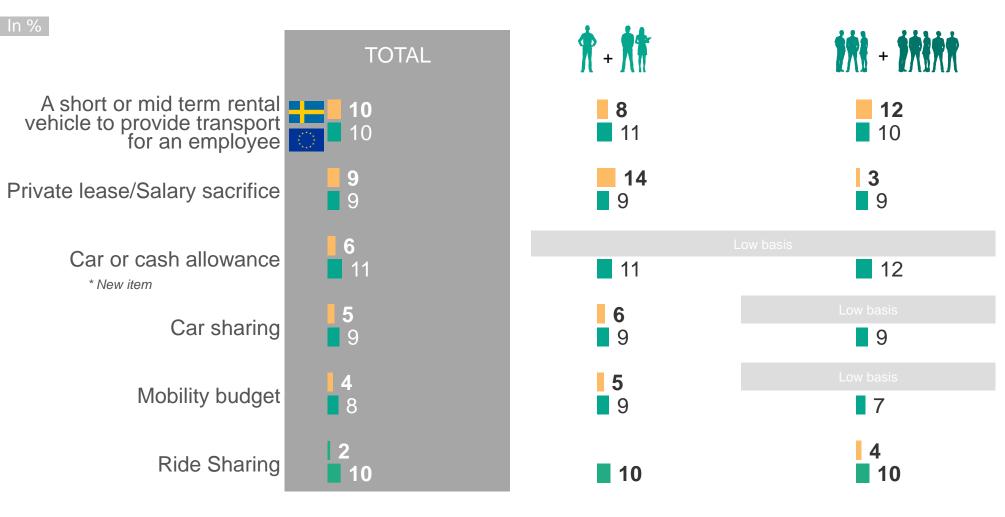
Certainly





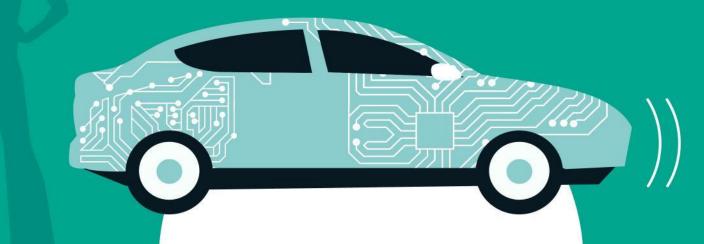
LIKELIHOOD TO GIVE UP ALL / PART OF THE FLEET FOR MOBILITY SOLUTIONS

Certainly





WHAT ARE THE USAGES IN TERMS OF CONNECTED VEHICLES, DIGITAL TOOLS AND ROAD SAFETY EQUIPMENTS?



STABLE USE OF TELEMATICS BY SWEDISH COMPANIES

Like last year, **42% of Swedish companies have adopted telematics**.

Sweden is in line with the European average, even though it is increasing significantly this year.

Telematics are still a little more adopted for LCVs (37%) than for passenger cars (25%).

To be noticed this year, the main reason to adopt telematics is to avoid **not allowed usage** for most companies, for passenger cars as well as for LCVs.



CONNECTED VEHICLES USE OF TELEMATICS **TOP 3 REASONS** To avoid not allowed 51% **25** usage (e.g. for tax reasons) #2 To improve drivers safety // behaviours 34% 30% To locate vehicles or 37% improve vehicle security

PROPORTION OF COMPANIES USING CONNECTED VEHICLES

All vehicles

ln %

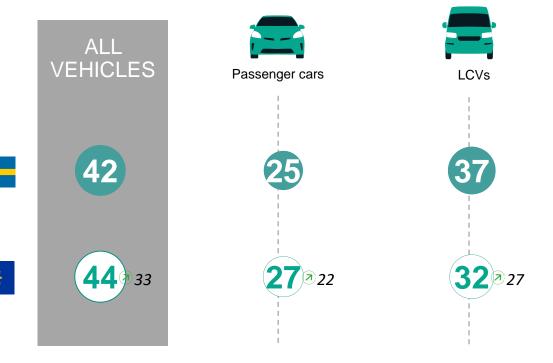


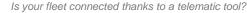
NET OF YES: YES, FOR ALL THE FLEET + YES, FOR PART OF THE FLEET

HOW TO READ THE RESULTS?

42% of companies with fleet using connected vehicles for all or part of their fleet.

25% use connected vehicles for passenger cars, while 37% use connected vehicles for LCVs.





Telematics enables transmission of data to the fleet manager to monitor fuel consumption, driver behaviour, vehicle location, driver's impact on environment... from vehicles on the move. Data is transmitted by means of an original or after sales equipment or box installed in the vehicle. Telematics do not include data transmission by the mean of the users' smartphones.

Basis: companies with corporate passenger cars / companies with corporate LCVs



PROPORTION OF COMPANIES USING CONNECTED VEHICLES

All vehicles

In %



NET OF YES: YES, FOR ALL THE FLEET + YES, FOR PART OF THE FLEET

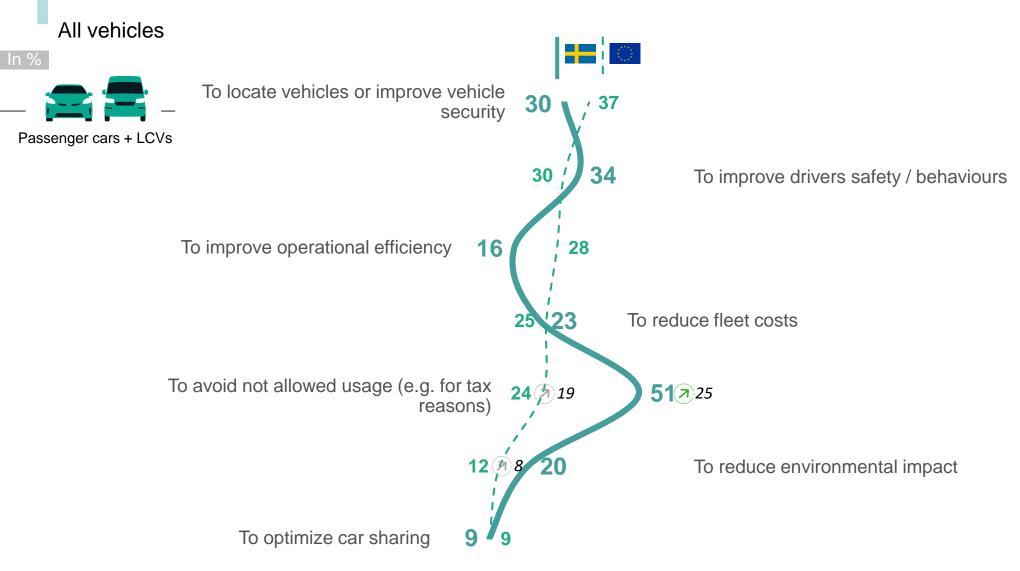


Is your fleet connected thanks to a telematic tool?

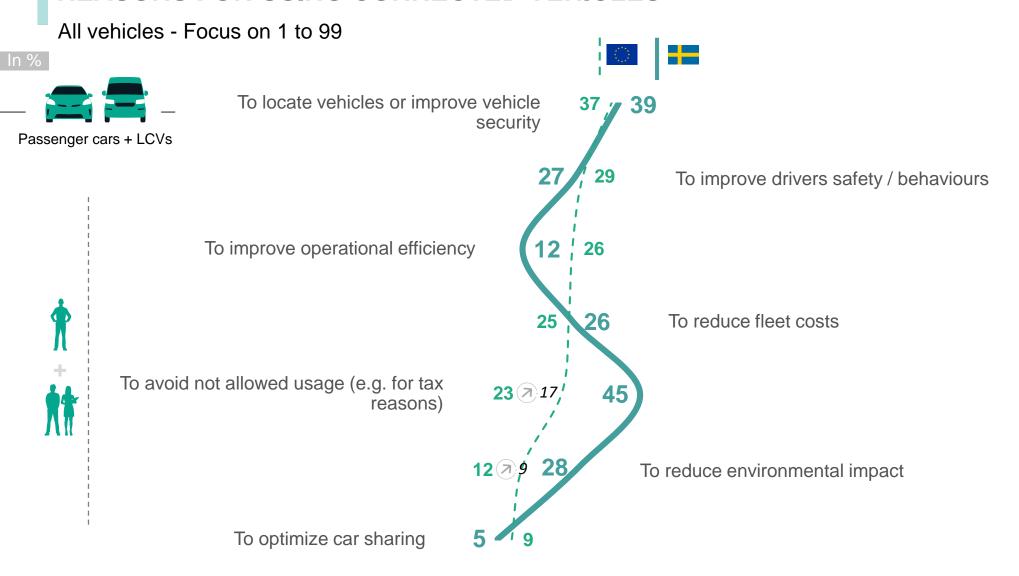
Telematics enables transmission of data to the fleet manager to monitor fuel consumption, driver behaviour, vehicle location, driver's impact on environment... from vehicles on the move. Data is transmitted by means of an original or after sales equipment or box installed in the vehicle. Telematics do not include data transmission by the mean of the users' smartphones.

Basis: companies with corporate passenger cars / companies with corporate LCVs

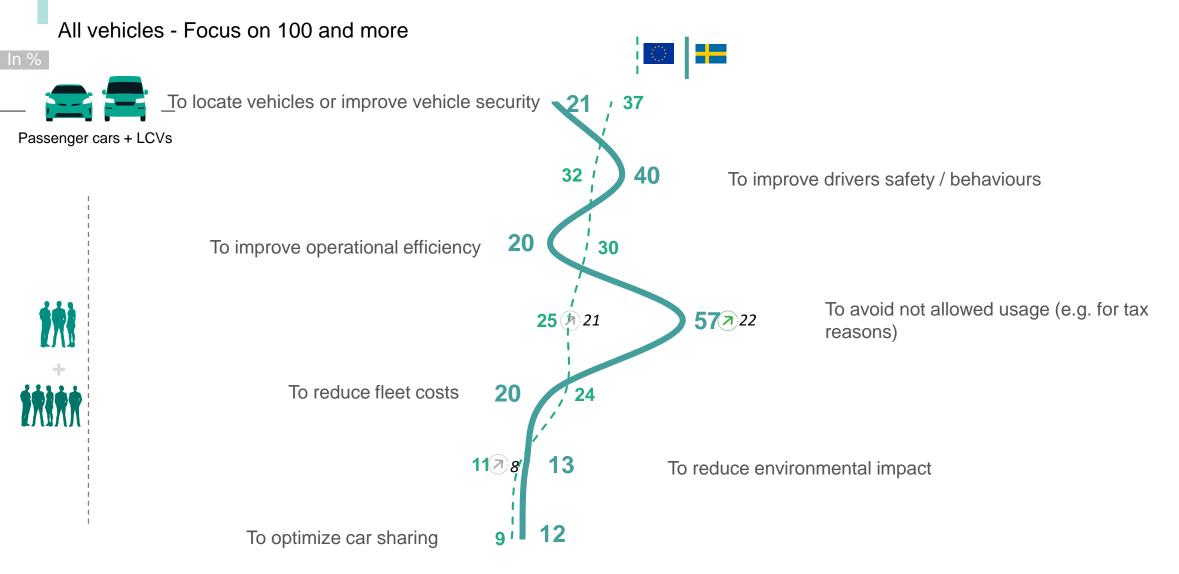














What are the two main reasons why your fleet is connected by Telematics?

Basis: companies with connected vehicles thanks to Telematics

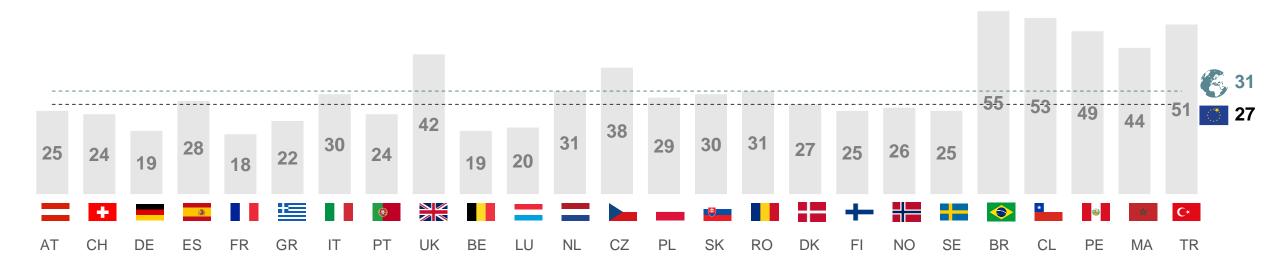
PROPORTION OF COMPANIES USING CONNECTED VEHICLES

Passenger cars

In %



PROPORTION OF COMPANIES USING CONNECTED VEHICLES FOR THEIR PASSENGER CARS



Is your fleet connected thanks to a telematic tool?

Telematics enables transmission of data to the fleet manager to monitor fuel consumption, driver behaviour, vehicle location, driver's impact on environment... from vehicles on the move. Data is transmitted by means of an original or after sales equipment or box installed in the vehicle. Telematics do not include data transmission by the mean of the users' smartphones.

Basis: companies with corporate passenger cars



PROPORTION OF COMPANIES USING CONNECTED VEHICLES

Passenger cars

n %



NET OF YES: YES, FOR ALL THE FLEET + YES, FOR PART OF THE FLEET

HOW TO READ THE RESULTS?

25% use connected vehicles for passenger cars.

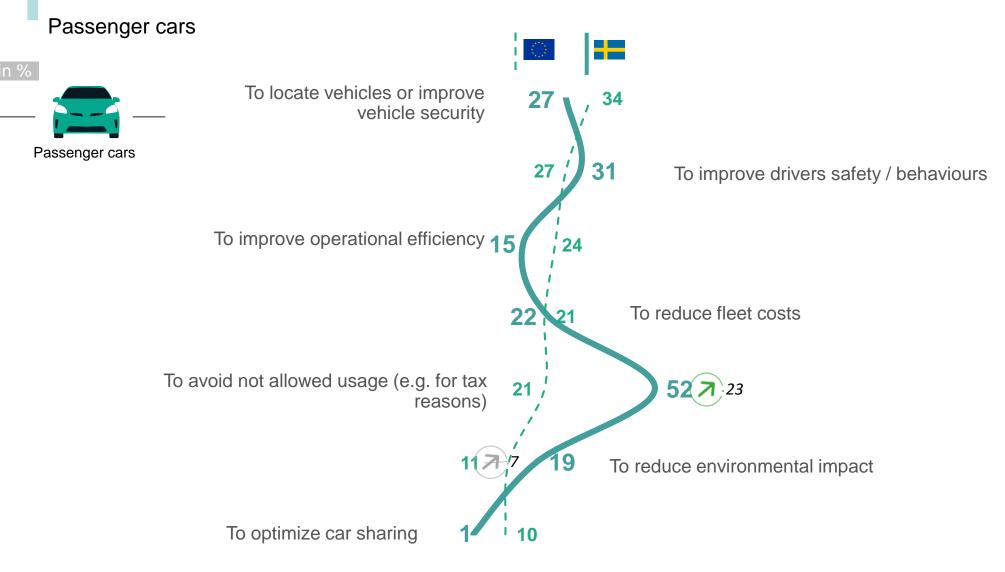


Is your fleet connected thanks to a telematic tool?

Telematics enables transmission of data to the fleet manager to monitor fuel consumption, driver behaviour, vehicle location, driver's impact on environment... from vehicles on the move. Data is transmitted by means of an original or after sales equipment or box installed in the vehicle. Telematics do not include data transmission by the mean of the users' smartphones.

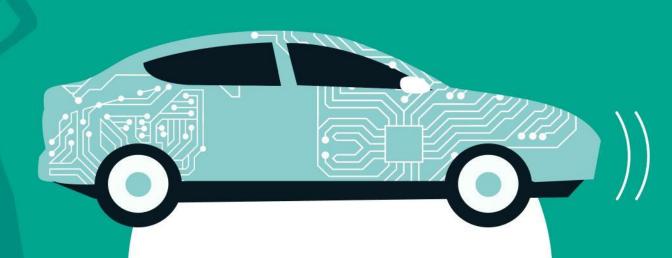
Basis: companies with at least one passenger car in fleet







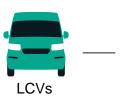
CONNECTED VEHICLES, DIGITAL TOOLS AND ROAD SAFETY B. LCVs



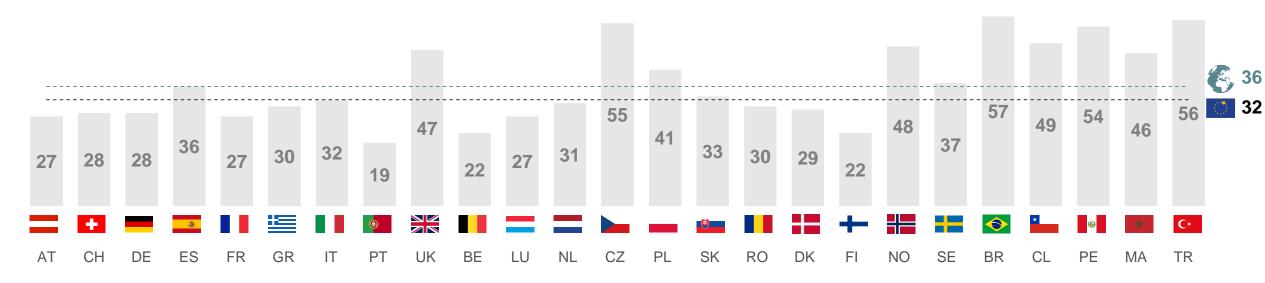
PROPORTION OF COMPANIES USING CONNECTED VEHICLES

LCVs

n %



PROPORTION OF COMPANIES USING CONNECTED VEHICLES FOR THEIR LCVs



Is your fleet connected thanks to a telematic tool?

Telematics enables transmission of data to the fleet manager to monitor fuel consumption, driver behaviour, vehicle location, driver's impact on environment... from vehicles on the move. Data is transmitted by means of an original or after sales equipment or box installed in the vehicle. Telematics do not include data transmission by the mean of the users' smartphones.

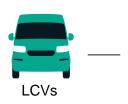
Basis: companies with corporate passenger cars / companies with corporate LCVs



PROPORTION OF COMPANIES USING CONNECTED VEHICLES

LCVs

n %



NET OF YES: YES, FOR ALL THE FLEET + YES, FOR PART OF THE FLEET

HOW TO READ THE RESULTS?

37% use connected vehicles for LCVs.



Is your fleet connected thanks to a telematic tool?

Telematics enables transmission of data to the fleet manager to monitor fuel consumption, driver behaviour, vehicle location, driver's impact on environment... from vehicles on the move. Data is transmitted by means of an original or after sales equipment or box installed in the vehicle. Telematics do not include data transmission by the mean of the users' smartphones.

Basis: companies with at least one LCV car in fleet



LCVs To locate vehicles or improve vehicle 24 security LCVs 34 29 To improve drivers safety / behaviours To improve operational efficiency **12** 26 To reduce fleet costs To avoid not allowed usage (e.g. for tax 43 7 24 reasons) To reduce environmental impact To optimize car sharing





Thank you

