

## 2021 M OBILITY AND FLEET BAROMETER

## 01

Context and methodology


Executive summary


What are the main characteristics of the fleets?
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What changes are to be expected in the near future regarding energy mix?

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What are the perspectives in terms of alternative mobility solutions?

How are companies financing their fleet?

What are the usages in terms of connected vehicles, digital tools and road safety equipments?

CONTEXT AND METHODOLOGY


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## KEY THEMES OF THE SURVEY



HOW WILL NEW MOBILITY SOLUTIONS AFFECT BUSINESS MODELS?

PERIMETER OF THE SURVEY


## METHODOLOGY



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:

\section*{| $\mathbf{X X}$ | Significantly higher than |
| :--- | :--- | previous year <br> XX = score 2020}

$\square$
XX
Significantly lower than
previous year
XX = score 2020

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

## NUMBER OF INTERVIEWS CONDUCTED IN WORLD

Perimeter of the survey: companies owning at least 1 vehicle


[^0]

## 100 employees

and more
2437 INTHERVIEWS

## COMPANY SIZE SEGMENT DEFINITION



## SAM PLE STRUCTURE

## Company size \& sector

## 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 Servies / Business Services / Automotive Repair, Services, And Parking / Motion Pictures / Amusement And Recreation Services / Health 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
## EXECUTIVE SUMMARY

## GLOBAL COUNTRY INSIGHT: IN MOST COUNTRIES, COMPANIES HAVE ACCELERATED THEIR TRANSITION TOWARDS NEW MOBILITY AND GREENER FLEETS.



## THE COVID-19 CRISIS HAS RESHAPED THE COMPANIES' MOBILITY OFFER

- Despite the pandemic, companies are confident about the future and for the most part oversee an increase of their fleet in the next $\mathbf{3}$ years.
- However, the COVID-19 has urged fleet managers to redesign (probably faster than expected) their mobility offer to face the new needs of safe transportation that have emerged this year for ALL employees (and not only the ones with corporate cars anymore).
- Hence, the use of solutions like private lease/salary sacrifice ( $25 \%,+11 \mathrm{pts}$ ) has significantly increased this year, as well as the mobility budget ( $29 \%,+15 \mathrm{pts}$ ), offering more flexibility. Corporate car sharing ( $\mathbf{2 8 \%} \% \boldsymbol{+} \mathbf{9}$ tps) is also progressing probably thanks to strict disinfection processes.
- But beyond the specific context, it is all the mobility offer that is currently questioned, as:
- We also observe a growing interest for shared mobility solutions, such as ride sharing ( $58 \%$; +15 pts) and public transports ( $\mathbf{5 3} \%$; +9 pts).
- On average, for those companies already using or considering implementing alternative solutions, half of fleet managers expect that their company car drivers would complement their company car benefit for such alternatives in the future!


## INSIGHT 2: the adoption of alternative energies is globaliy accelerating.

## ALTERNATIVE ENERGIES ADOPTION IS CLOBALIY ACCELERATING

- Nowadays, fleet managers have to deal with 2 concerns: how to reach the budget balance while, at the same time, meeting their company's CSR commitments
- In that perspective, alternative fuel technologies (such as HEV, PHEV and BEV) are seen in most countries as a possible answer to these concerns (except in Luxembourg, Czech Republic and Russia).
- Regarding the budget balance:
- Alternative energies help reducing fuel expenses.
- They are more and more accessible in terms of price, range models and charging points.
- Regarding the CSR: it is highly expected that companies reduce their carbon footprint as more and more people now aim at supporting socially responsible \& environmental-friendly brands (a trend that is reinforced with the COVID-19 crisis). In this context, zero emission cars are key to contribute to the corporate image.
- Therefore, $\mathbf{7}$ companies out of $\mathbf{1 0}$ already use hybrid or full electric technologies or intend to do so in the future. Overall, fleet managers even expect that BEV will account for $\mathbf{1} / \mathbf{3}$ of their fleet in $\mathbf{3}$ years.
- Connected vehicles could also help reaching both objectives, as it contributes to reduce both the fleet costs ( $40 \%$ ) and the environmental impact (33\%).

INSIGHT 3: STRONG GROWTH PERSPECTIVES FOR OPERATING LEASING IN THE FUTURE.

H月5

## HOW TO FINANCE THESE GREENER

FLEETS?

- Operating leasing has good perspectives of development in the near future: 6 companies out of 10 plan to develop operating leasing in the next $\mathbf{3}$ years (+22 pts).

WHAT ARE THE MAIN CHARACTERISTICS OF THE FLEETS?


## GROWTH PERSPECTIVES ARE EXPECTED, IN RESPONSE TO THE NEED TO PROVIDE SAFE INDIVIDUAL M EANS OF TRANSPORTATION.

Overall, the corporate fleet size splits as follow:

- Half of companies own 1 to 9 corporate vehicles.
- A third own 10 to 99 corporate vehicles.
- Only 1 out of 10 own more than $\mathbf{1 0 0}$ vehicles.

All companies are confident about the future and for the most part oversee an increase of their fleet in the next $\mathbf{3}$ years: $\mathbf{4 5 \%}$ anticipate an increase (+14 pts vs. last year(LY)), when only $\mathbf{8 \%}$ predict a decrease.

An optimism that grows with the size of the company: growth potential is particularly high among the largest companies, less vulnerable to the economic impact of the crisis and more able to seize financial subsidies opportunities.

Besides the anticipated growth of the activity that requires new vehicles, new needs have emerged along with the health context and force companies to reshape their fleet management:

- Because they want to provide a safe commute to their employees (29\%)...
- ...which can also take form in shared vehicles provided by the company ( $19 \%,+5$ pts vs. LY), reassuring with a strict cleaning process between each driver
- Finally, they redesign their car policy terms to widen the eligibility among their employees ( $19 \%,+5 \mathrm{pts} \mathbf{v s}$. LY).

NUMBER OF VEHICLES IN FLEET


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


## NUM BER OF VEHICLES IN FLEET

## Focus on 1 to 99

##  <br> 

## NUMBER OF VEHICLES IN FLEET

## Focus on 100 and more



NUM BER OF PASSENGER CARS IN FLEET


## NUMBER OF PASSENGER CARS IN FLEET

Focus on 1 to 99


## NUM BER OF PASSENGER CARS IN FLEET

Focus on 100 and more


## NUMBER OF LCVS IN FLEET



## NUMBER OF LCVS IN FLEET

Focus on 1 to 99


## NUMBER OF LCVS IN FLEET

## Focus on 100 and more



## VEHICLES POSSESSION LENGTH



## VEHICULE POSSESSION LENGTH

## 是

Passenger cars + LCVs


## VEHICULE POSSESSION LENGTH

Focus on 1 to 99


Passenger cars + LCVs


## VEHICULE POSSESSION LENGTH

Focus on 100 and more


## FLEET GROWTH POTENTIAL



BALANCE in pts (INCREASE ○ DECREASE)

|  | 2021 | +37 | +35 | +25 | +22 | +36 | +31 | +44 | +43 | +52 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 2020 | +24 | +20 | +17 | +12 | +26 | +23 | +27 | +24 | +30 | +25 |

## FLEET GROWTH POTENTIAL



Passenger cars + LCVs


## FLEET GROWTH POTENTIAL

## Focus on 1 to 99

## In \%

Passenger cars + LCVs


## FLEET GROWTH POTENTIAL

## Focus on 100 and more

Passenger cars + LCVs


## REASONS FOR FLEET FUTURE INCREASE

## $\ln \%$ <br> Passenger cars + LCVs

To provide a safe commute to your employees due to COVID-19

Your company plans to propose vehicles to employees with no company car eligibility

14


Because your company is growing or developing a new activity that requires company vehicles*

Your company plans to propose shared vehicles to employees

## REASONS FOR FLEET FUTURE INCREASE

Focus on «To provide a safe commute to your employees due to COVID-19 »

## In \%

Passenger cars + LCVs

> \% OF MENTIONS FOR "TO PROVIDE A SAFE COMMUTE TO YOUR EMPLOYEES DUE TO COVID-19" AS A REASON FOR THE FLEET FUTURE INCREASE


## REASONS FOR FLEET FUTURE DECREASE

Passenger cars + LCVs
Less employees will have access to company
Your business is declining
$\qquad$ Because of CSR policy

## IMPACT OF THE COVID-19 CRISIS ON THE FLEET SIZE







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



## THE ADOPTION OF ALTERNATIVE ENERGIES IS GLOBALLY ACCELERATING, MOTIVATED BY OPPORTUNITIES OF SAVINGS AND CORPORATE IMAGE BENEFITS.

Alternative energies tend to soar this year and have became part of most countries' energy mix strategy: in average, $\mathbf{7 0 \%}$ have already or consider implementing either Plug-in Hybrid, Hybrid or Battery Electric vehicles in their fleet and $39 \%$ have already implemented one.
However, their adoption differs locally:

- France, Netherlands, Finland and Denmark appear as leaders on this field, with more than half of the companies which have already implemented at least one of these $\mathbf{3}$ energies, and where 8 out of 10 intend to do it in the future.
- On the contrary, in Luxembourg and Czech Republic fewer companies are currently equipped (less than $\mathbf{3 0 \%}$ ) and the energy transition doesn't seem to be a priority for the near future either, especially in $C Z$ where the total consideration barely reaches $46 \%$.
- Russia is a very specific case: since around $16 \%$ of its GDP is coming from oil, natural gas, and precious metals, attractiveness for alternative fuel technologies remains very low (only $18 \%$ of companies plan to have at least one technology in place within 3 years).

Fery large companies are clearly leading the way for further alternative energies adoption, with intentions exceeding $70 \%$ for all 3 energies, the rest of the market is also following up. Equipment and intentions are increasing for PHEV, HEV and BEV regardless of the company size and the type of vehicles (passenger cars or LCV).

Apart from environmental considerations, this development of alternative technologies mainly relies on:

- Opportunities of savings (reduced fuel expenses, combined with tax incentives in some countries)
- Companies' corporate image issues \& CSR policy compliance
- Future restrictive public policies (mostly in countries currently leading the implementation of such alternatives)

In parallel, BEV usage progresses thanks to lower barriers than last year notably regarding charging points, price and range of models. Overall, companies estimate that BEVs will account for one third of their fleet in 3 years (with the same disparities among countries).

## CONSIDERATION FOR ALTERNATIVE FUEL TECHNOLOGIES

At least one technology (Plug-in Hybrid, Hybrid or 100\% Battery Electric Vehicles)


Observotory

## CONSIDERATION FOR ALTERNATIVE FUEL TECHNOLOGIES

At least one technology (Plug-in Hybrid, Hybrid or 100\% Battery Electric Vehicles)


## ALTERNATIVE FUEL TECHNOLOGIES USAGE - DETAIL PER TECHNOLOGY <br> Passenger car fleet



Plug-in Hybrid


Hybrid


100\% Battery Electric Vehicle

## REASONS FOR IMPLEM ENTING OR CONSIDERING ALTERNATIVE FUEL TECHNOLOGIES <br> Passenger car fleet




To fulfil your employees' requests
Total cost of ownership is in line with or lower than petrol or diesel alternatives

## ALTERNATIVE FUEL TECHNOLOGIES USAGE - DETAIL PER TECHNOLOGY LCV Fleet

## In \%

$\qquad$



Hybrid


100\% Battery Electric Vehicle

Amongst the following alternative fuel fechnologies, which ones do you use or are you considering using...? Response scale: Already implemented, considered in the next 3 years, considered but later, not interested Basis: companies with corporate ICVs

## REASONS FOR IMPLEM ENTING OR CONSIDERING ALTERNATIVE FUEL TECHNOLOGIES LCV fleet <br>  <br> Be able to drive in Low Emission Zone Improve your company image <br> To fulfil your employees' requests <br> 

ENERGY MIX
FOCUS PER ALTERNATIVE TECHNOLOGY


## HYBRID IM PLEM ENTATION

## In \% <br> -

Passenger cars + LCVs

already
IMPLEMENTED OR
CONSIDER NEXT 3 YEARS


ALREADY IMPLEMENTED


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 interested Basis: companies with corporate vehicles $=100 \%$

Arval Mobility
Observotory

## HYBRID IM PLEM ENTATION



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 interested Basis: companies with corporafe vehicles $=100 \%$

## PLUG-IN HYBRID IMPLEMENTATION

## In \%

Passenger cars + LCVs
ค)
ALREADY
IMPLEMENTED OR
CONSIDER NEXT 3 YEARS


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 interested Basis: companies with corporafe vehicles $=100 \%$

## PLUG-IN HYBRID IMPLEMENTATION



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 interested Basis: companies with corporate vehicles $=100 \%$

## 100\% BATTERY ELECTRIC VEHICLE IMPLEM ENTATION

## In \%

Passenger cars + LCVs
ALREADY ALREADY
IMPIEMENTED OR
CONSIDER NEXT 3 YEARS


ALREADY IMPLEMENTED


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 interested Basis: companies with corporate vehicles $=100 \%$

## 100\% BATTERY ELECTRIC VEHICLE IM PLEM ENTATION



## CONSTRAINTS OF 100\% BATTERY ELECTRIC VEHICLE IMPLEM ENTATION

## In \%



## EXPECTED SHARE OF 100\% BATTERY ELECTRIC VEHICLES (IN 3 YEARS)



## EXPECTED SHARE OF 100\% BATTERY ELECTRIC VEHICLES (IN 3 YEARS)



## EXPECTED SHARE OF 100\% BATTERY ELECTRIC VEHICLES (IN 3 YEARS)

## In \% <br>  <br> 

## INSTALLATION OF CHARGING POINTS



Passenger cars + LCVs
No charging points installed af
the company premises
Charging points installed and
free charging for drivers
Charging points installed and
drivers charged for charging
Charging points are planned to
be installed in the next 12M


## WHAT ARE THE PERSPECTIVES IN TERMS OF ALTERNATIVE MOBILTY SOLUTIONS?



## INDIVIDUAL SOLUTIONS ARE BOOSTED BY THE PANDEMIC CONTEXT, YET SHARED SOLUTIONS REMAIN SOURCE OF INTEREST FOR THE 'NEW NORMAL AFTER COVID-19'.

$--\rceil^{---\bullet}$ This year more than ever, the crisis has contributed to turning mobility into a strategic topic on the short / mid-term: offering alternative mobility solutions to their employees has been a real challenge for companies, for understandable reasons of health safety. In this context, the use of many alternative mobility solutions has developed, regardless the company size. Notably:

- Individual car solutions like private lease/salary sacrifice ( $\mathbf{2 5 \%} \%,+11 \mathrm{pts}$ ).
- Corporate car sharing ( $\mathbf{2 8 \%} \%+\mathbf{9} \mathbf{~ p t s}$ ), that is also a mean of providing a safe commute to employees due to strict disinfection process.
- Mobility budget is also showing sensible progression in usages ( $29 \%,+15 \mathrm{pts}$ ), offering more options and flexibility to employees in a fast-moving context.

But beyond the specific context, fleet managers also tend to project themselves out of the crisis, redesigning more broadly their mobility offer to meet their employees' needs and face higher fleet costs but also considering environmental impacts:
Thus, they also show an increasing interest for shared mobility solutions:

- Ride sharing: $\mathbf{5 8 \%}$ already or consider using it in the next $\mathbf{3}$ years (+ $\mathbf{1 5} \mathbf{~ p t s ) ~}$
- Short /Mid term rental : $\mathbf{6 1 \%}$ already or consider using it in the next $\mathbf{3}$ years

In this context, an app to book mobility solutions could be implemented in $\mathbf{1}$ out of $\mathbf{2}$ companies in the future.

Lastly, fleet managers predict a bright future to these alternative solutions. For those companies already using or considering implementing alternative solutions, half of them even think that their company car drivers would complement their company car benefit for such alternatives in the future.

## MOBILITY ALTERNATIVES LIST AND DEFINITIONS



CORPORATE CAR SHARING: where an employee can make a vehicle reservation via an external solution

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


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

## PUBLIC TRANSPORT



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

AN APP TO BOOK MOBILITY SOLUTIONS 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
For Ifaly: only private lease
For Portugal: only salary sacrifice

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

## AT LEAST ONE ALTERNATIVE ALREADY IM PLEM ENTED

## 궁

## IMPLEMENTED OR CONSIDER NEXT 3

 Years

ALREADY USING


## ALTERNATIVE M OBILITY IMPLEMENTATION - AT LEAST ONE ALREADY

 IMPLEM ENTED

## OVERVIEW OF ALTERNATIVE M OBILITY SOLUTIONS IMPLEMENTATION

## $71 \%$ Of companies have already implemented at least one of these solutions



IMPLEMENTED OR CONSIDER NEXT 3 Years


ALREADY USING


"This item has changed, no comparison vs previous year

## CORPORATE CAR SHARING IMPLEM ENTATION



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 $=100 \%$

## CORPORATE CAR SHARING IM PLEM ENTATION



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 $=100 \%$

## RIDE SHARING IMPLEMENTATION

## ln \%


 CONSIDER NEXT 3 YEARS


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 $=100 \%$

## 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 $=100 \%$

## BIKE (OR OTHER TWO WHEELS) SHARING / LEASING IM PLEM ENTATION*



ALREADY IMPLEMENTED OR CONSIDER NEXT 3 YEARS


## BIKE (OR OTHER TWO WHEELS) SHARING / LEASING IMPLEMENTATION*



## PUBLIC TRANSPORT IMPLEM ENTATION

## In \%



ALREADY IMPLEMENTED OR CONSIDER NEXT 3 YEARS


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 IM PLEM ENTATION



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 $=100 \%$

## M OBILITY BUDGET IMPLEM ENTATION

## In \%



ALREADY


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 $=100 \%$

## M OBILITY BUDGET IM PLEM ENTATION



## AN APP TO BOOK M OBILITY SOLUTIONS IMPLEM ENTATION*


"This ifem has changed, no comparison vs previous year
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 $=100 \%$

## AN APP TO BOOK M OBILITY SOLUTIONS IM PLEM ENTATION*



## PRIVATE LEASE OR SALARY SACRIFICE IMPLEM ENTATION



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 $=100 \%$

## PRIVATE LEASE OR SALARY SACRIFICE IM PLEMENTATION



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 inferested Basis: companies with corporate vehicles $=100 \%$

## SHORT OR MID-TERM RENTAL VEHICLES IM PLEM ENTATION*

## In \%



ALREADY

"This item has changed, no comparison vs previous year

## SHORT OR MID-TERM RENTAL VEHICLES IMPLEM ENTATION*



## MOBILITY SOLUTIONS CONSIDERED BY DRIVERS TO COMPLEMENT THEIR

 COM PANY VEHICLETOTAL Certainly or probably


O READ THE RESULTS?
For those companies already using or considering implementing alternative solutions, half of them anticipate that their company car drivers would certainly or probably complement their company car benefit for such alternatives in the future


Would you anticipate that your company car drivers would exchange all or part of their company car benefit for such alternatives? Basis: companies using or considering alfernative mobility solutions

## CAR SHARING CONSIDERED BY DRIVERS TO COM PLEM ENT THEIR COMPANY VEHICLE <br> TOTAL Certainly or probably



## RIDE SHARING CONSIDERED BY DRIVERS TO COMPLEMENT THEIR COMPANY VEHICLE <br> TOTAL Certainly or probably



## M OBILITY BUDGET CONSIDERED BY DRIVERS TO COM PLEM ENT THEIR COM PANY VEHICLE <br> TOTAL Certainly or probably

## -



## PRIVATE LEASE / SALARY SACRIFICE CONSIDERED BY DRIVERS TO COM PLEMENT

 THEIR COM PANY VEHICLE TOTAL Certainly or probably

## SHORT OR MID TERM RENTAL VEHICLE CONSIDERED BY DRIVERS TO COMPLEMENT THEIR COM PANY VEHICLE

TOTAL Certainly or probably


## HOW ARE COMPANIES FINANGNG

 THEIR FLEET?

## INTENTION TO DEVELOP OPERATING LEASING

Proportion of companies having the intention to develop operating leasing


## INTENTION TO DEVELOP OPERATING LEASING

Proportion of companies having the intention to develop operating leasing

## -

Passenger cars + LCVs


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


## EQUIPMENT WITH CONNECTED VEHICLES IS WIDESPREAD.

---〒---•6
6 companies out of 10 are currently equipped with connected vehicles, with an equal repartition between passenger cars and ICVs. However, there is still a gap between small and large companies:

- While the smallest ones (less than 10 employees) have a rather limited usage of connected vehicles ( $\mathbf{3 1 \%}$ )...
- ... Connected vehicles are more widespread among medium and large companies (59\% among companies from 10 to 99 employees and up to 82\% among the largest ones).
Luxembourg ( $\mathbf{2 9 \%}$ of adoption) is far behind other countries.

Several aspects are fostering connected vehicles, regardless the type of vehicles:

- Security: vehicle security (50\%) \& driver's safety (41\%)
- Efficiency and control: operational efficiency (42\%) \& avoid not allowed usages (41\%)
- Savings: reduce fleet costs ( $40 \%$ )

Besides, the new challenges met by fleet managers drive connected vehicles usage: reduce environmental impact (33\%) and optimize car sharing (30\%).

## PROPORTION OF COM PANIES USING CONNECTED VEHICLES*

## In \%

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

## HOW TO READ THE RESUITS?

$58 \%$,of companies with fleet use connected vehicles for all or part of their fleet.
Among companies owning passenger cars, 48\% use connected vehicles for passenger cars, $41 \%$ use connected vehicles for benefit cars, $38 \%$ for tool cars. Among companies owning LCVs, 49\% use connected vehicles for ICVs.
All velicies
58
56


## PROPORTION OF COM PANIES USING CONNECTED VEHICLES*

Passenger cars + LCVs
YES, FOR ALL THE FLEET + YES, FOR PART OF THE FLEET


## PROPORTION OF COMPANIES USING CONNECTED VEHICLES

## In \% <br> Yes, fOR ALL THE FLEET + YES, FOR PART OF THE FLEET <br> Passenger cars + LCVs



## PROPORTION OF COMPANIES USING CONNECTED VEHICLES

## Focus on 1 to 99

## In \% YiEs, for All the fliet + Yes, for part of the flezt <br> Passenger cars + LCVs



## PROPORTION OF COMPANIES USING CONNECTED VEHICLES

## Focus on 100 and more

## In \% <br> YES, FOR ALL THE FIEET + YES, FOR PART OF THE FLEET <br> Passenger cars + LCVs <br> 

REASONS FOR USING CONNECTED VEHICLES*
All vehicles


## CONNECTED VEHICES, DIGITAL TOOLS AND ROAD SAFETY A. PASSENGER CARS

## PROPORTION OF COM PANIES USING CONNECTED VEHICLES

Passenger cars


## PROPORTION OF COM PANIES USING CONNECTED VEHICLES*

Passenger cars
Basis companies with of
leasis one passenger car in
flet

Among companies owning passenger cars, 48\% use connected vehicles.

## REASONS FOR USING CONNECTED VEHICLES*

Passenger cars
To locate vehicles or improve
vehicle security

## CONNECTED VEHICES, DIGITAL TOOLS AND ROAD SAFETY

 B. BENEFIT CARS
## PROPORTION OF COM PANIES USING CONNECTED VEHICLES

## Benefit cars



## PROPORTION OF COM PANIES USING CONNECTED VEHICLES*

Benefit cars


YES, FOR ALL THE FLEET + YES, FOR PART OF THE
FLEET
Among companies owning passenger cars, $41 \%$ use connected solutions for benefit cars.

電


## REASONS FOR USING TELEM ATICS AND CONNECTED VEHICLES*

Benefit cars


## CONNECTED VEHICES, DIGITAL TOOLS AND ROAD SAFETY C. TOOL CARS

## PROPORTION OF COM PANIES USING CONNECTED VEHICLES

## Tool cars



## PROPORTION OF COM PANIES USING CONNECTED VEHICLES*

Tool cars


Tool cars
 use connected solutions for tool cars

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

## Among companies owning passenger cars, 38\%




## REASONS FOR USING CONNECTED VEHICLES

Tool cars


## CONNECTED VEHICES, DIGITAL TOOLS AND ROAD SAFETY

D. LCVs


## PROPORTION OF COM PANIES USING CONNECTED VEHICLES

LCVs


## PROPORTION OF COM PANIES USING CONNECTED VEHICLES＊

LCVs

## In \％



Basis：companies with a least one ICV in fleet

HOW TO READ THE RESULTS？
Among companies owning LCVs，49\％use connected solutions for LCVs


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


REASONS FOR USING CONNECTED VEHICLES*
LCVs


Arval Mobility Observatory


[^0]:    d. Companies with less than 10 employees 1704 INTERVIEWS

    Companies with 10 to 99 employees 1056 INTERVIEWS

    Companies with 100 to 249/499/999 employees
    1386 INTERVIEWS

    Companies with 250/500/1000 employees and more 1051 INTERVIEWS

