

Electrical cars and sustainability

A REPRESENTATIVE SURVEY COMMISSIONED BY EURO BATTERY MINERALS SHOWS:
PEOPLE WANT CLEANER E-MOBILITY AND ARE WILLING TO PAY MORE FOR IT

Intro

Everyone wants electromobility. Everything should become cleaner and more sustainable. These are justified wishes and also a necessary strategic direction for the future, if we do not want to ruin our planet for future generations and make it uninhabitable because resources have been used up, climate change has not at least been slowed down and CO2 emissions have largely been stopped or compensated for.

But how can this be achieved and by what means? The energy transition will only be possible with raw materials whose extraction is anything but clean: lithium, cobalt, nickel and copper - without these metals and minerals, the manufacture of batteries and thus the production of electric cars is not possible. The most important exporters of these critical minerals are countries in which overexploitation of nature, humane working conditions, environmental protection or the prevention of child labor play rather subordinate roles: Chile, China, Russia or the Democratic Republic of Congo. So how sustainable can an electric car be whose battery components were mined in illegal mines by children in the Congo? Is an electric car sustainable if the lithium for its battery comes from the Chilean Atacama Desert, where the indigenous people have hardly any drinking water left because of the water-intensive mining?

We wanted to know what the end customer, i.e. the car buyer, thinks about this. The results of the representative survey we commissioned from the analysis institute YouGov show that sustainability is the top priority for most people considering the purchase of an electric car/hybrid. A majority is also prepared to pay a higher price for it. The whole truth is that all these raw materials, which are essential for battery construction, also lie dormant in European soils: In Germany, Austria, Sweden, Finland, Spain or the Czech Republic. It's just that Europeans are not (yet) prepared to give modern, minimally invasive mining a new chance to become more independent of poorly-reputed suppliers outside Europe. Here, too, the verdict of the respondents is clear: 57 percent are in favor of increased mining of battery minerals in Europe. You will detect more exciting findings on the following pages. I wish you a stimulating read.



Roberto Garcia Martinez,
CEO von Eurobattery Minerals

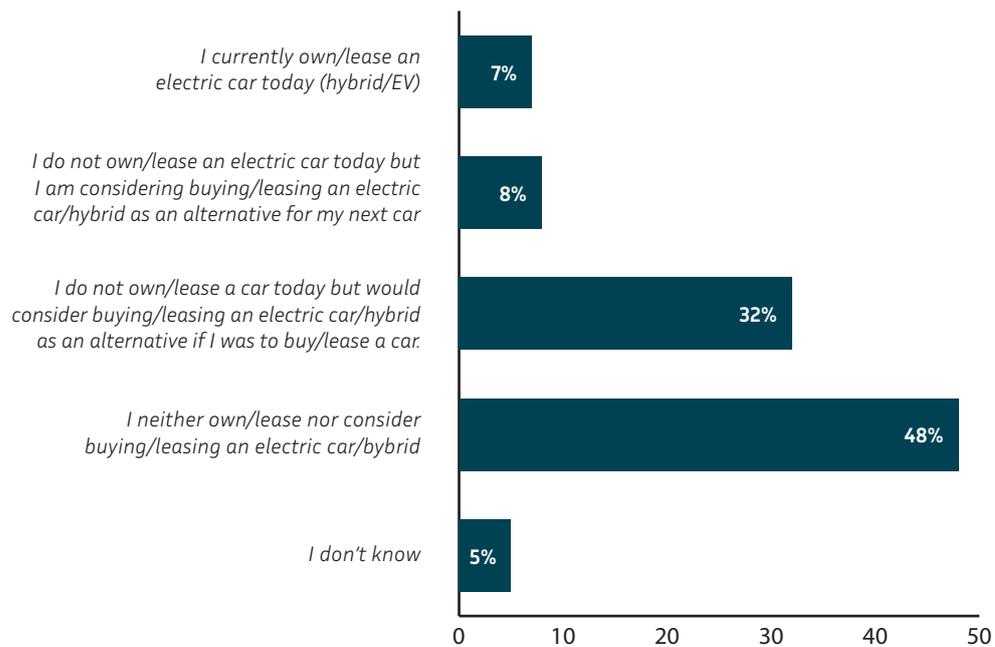
ABOUT THE SURVEY

The survey was conducted by the analysis institute YouGov. A total of 2051 interviews with Germans aged 18 and over were conducted between 3 and 5 August 2022. The survey was aimed at German citizens who currently own or lease an electric or hybrid car or are interested in buying or leasing an electric or hybrid car.

In the survey, "sustainability" was used according to the UN definition: Meeting the needs of the present without compromising the ability of future generations to meet their own needs. In other words, enabling a dignified life worldwide while permanently preserving the natural foundations of life. This includes economic, ecological and social aspects.

QUESTION 1

Which of the following applies to you?

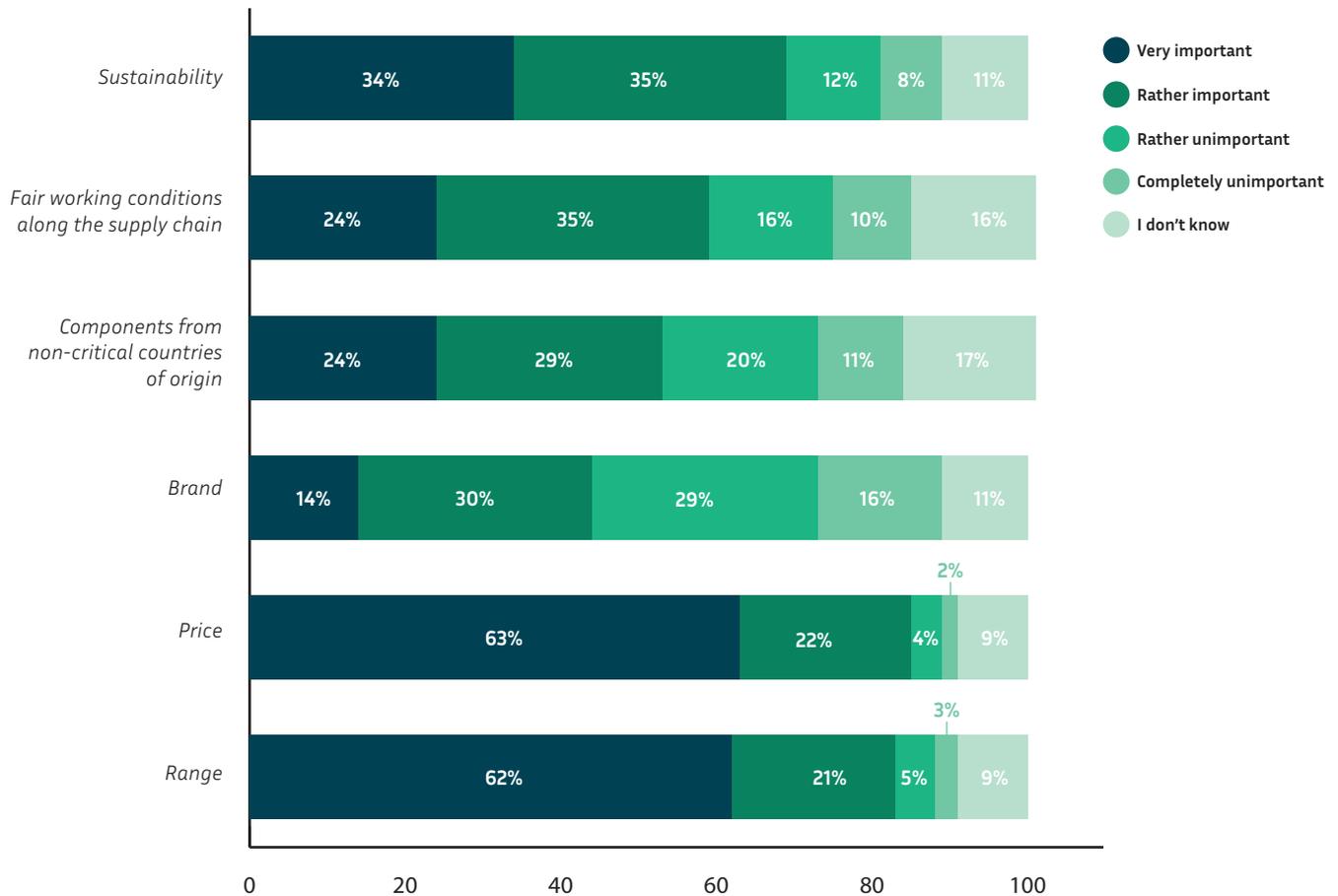
**COMMENT QUESTION 1**

Based on a representative number of Germans aged 18+, the survey shows that a total of 48% neither own or lease an electric/hybrid car nor thinking of buying or leasing one. Compared to our 2021 survey, these are 18% fewer Germans than last year.

Base: All (2051)

QUESTION 2

When you think about buying / leasing an electric / hybrid car: How important are / would the following criteria be for you in the decision of buying / leasing?



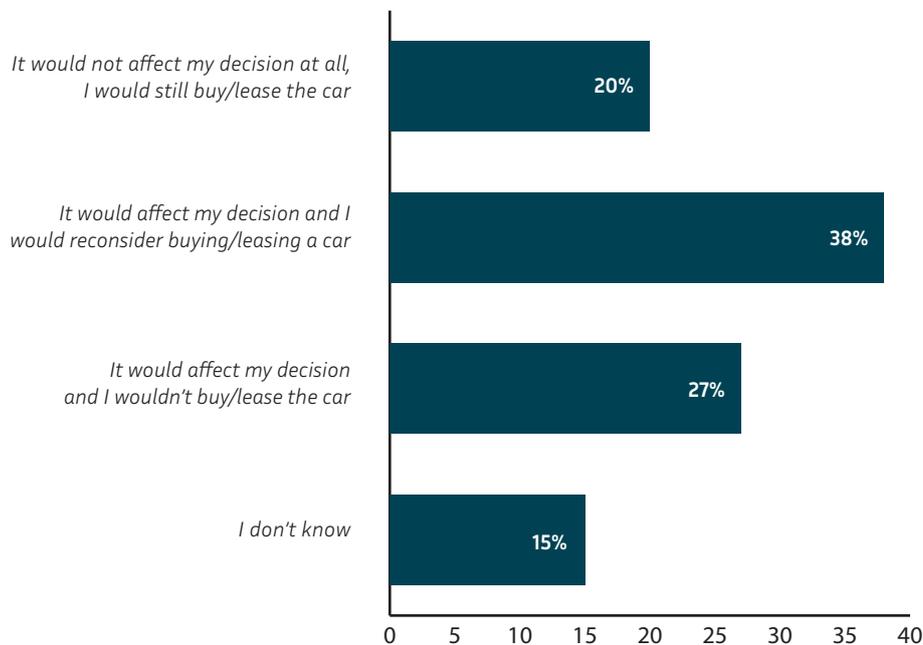
COMMENT QUESTION 2

Besides price and range, sustainability is one of the most important criteria when deciding to buy or lease an electric / hybrid car. For more than half of the respondents, fair working conditions along the supply chain and components from non-critical countries of origin are important.

Base: All (2051)

QUESTION 3

If you found out that the battery minerals in the car you intend to buy were produced in an unsustainable* way (i.e., not environmentally friendly and under poor working conditions etc.), to what extent would that affect your buying/leasing decision?

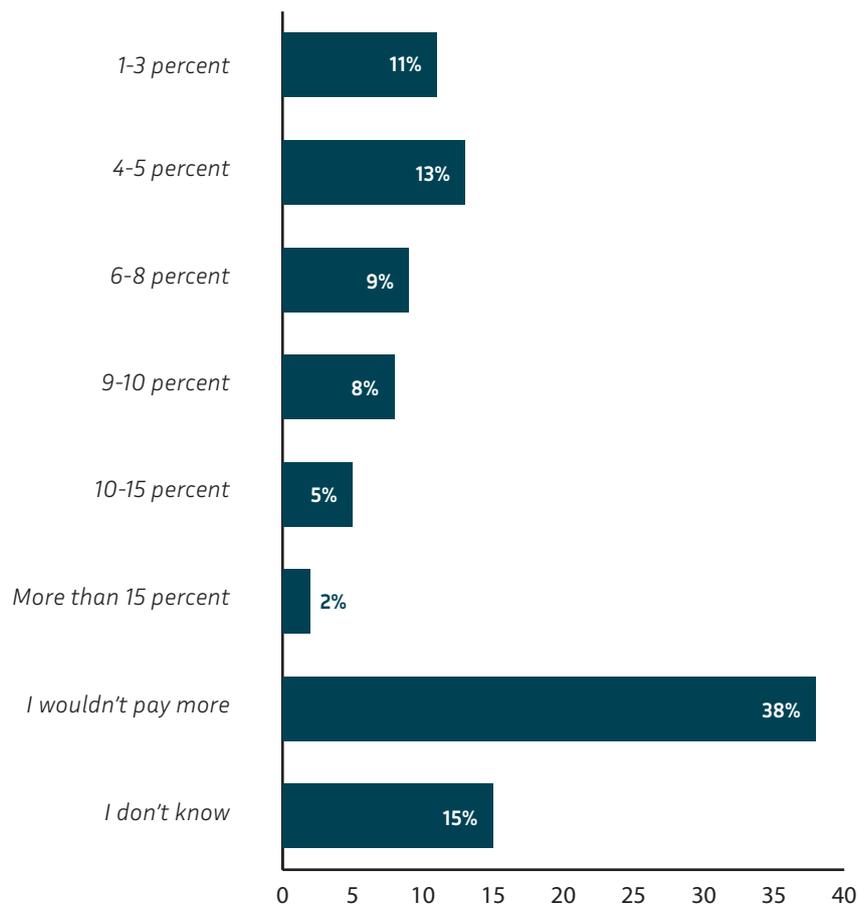
**COMMENT QUESTION 3**

The majority (65% of respondents) said it would influence their decision if they found out that the minerals in the car battery were not produced sustainably. 27% of the respondents would accordingly refrain from making a purchase.

Base: All (2051)

QUESTION 4

How much more would you be willing to pay if the battery minerals and metals for the electric / hybrid car were produced more sustainably*?

**COMMENT QUESTION 4**

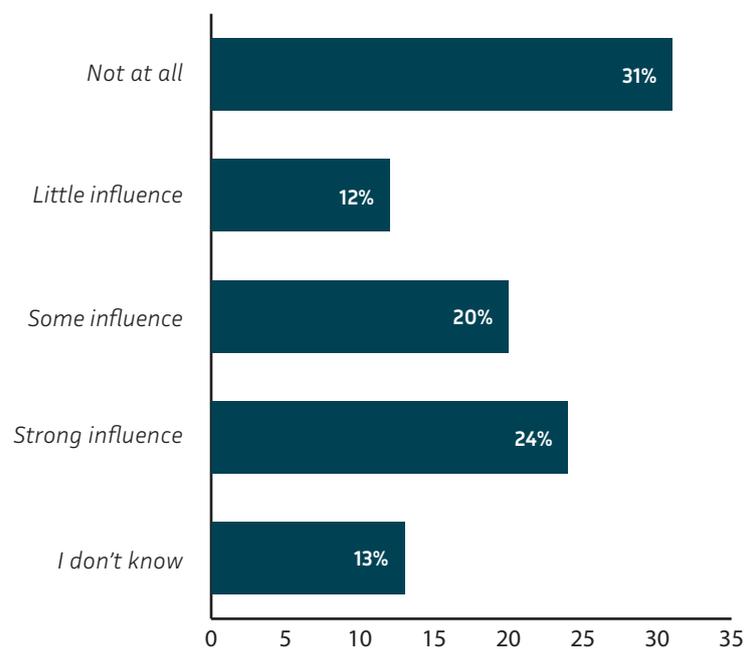
48 percent of the respondents would be willing to pay a higher price for the car if the battery components were produced more sustainably. 38 percent, on the other hand, wouldn't pay a surcharge.

*By sustainable production, we mean a production that is environmentally friendly and happens under good working conditions, etc.

Base: All (2051)

QUESTION 5

How much do current world affairs (war, inflation, climate change) influence your decision to buy an electric / hybrid car?

**COMMENT QUESTION 5**

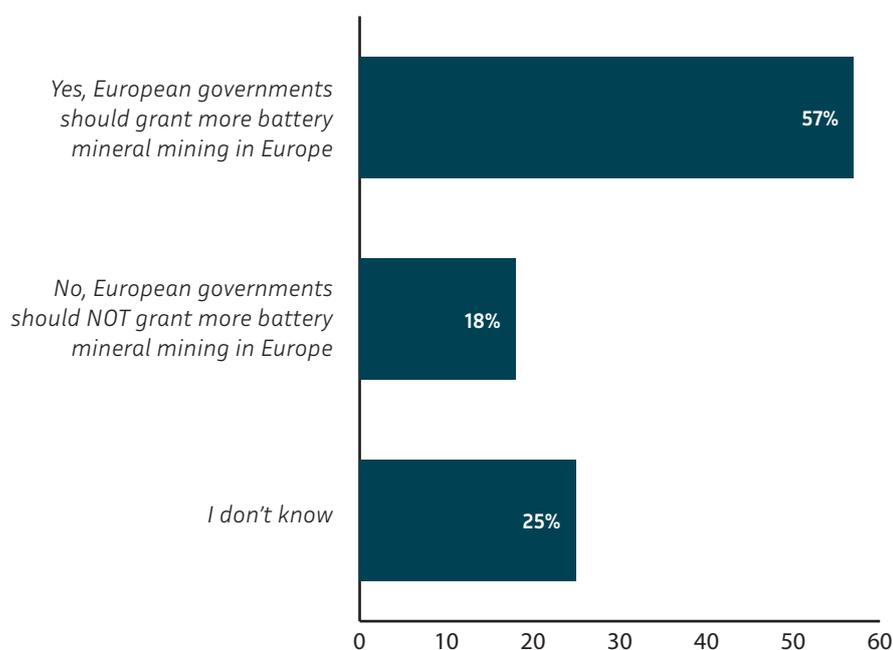
Current world affairs (war, inflation, climate change) influence 56 percent of the respondents regarding their decision to buy an electric / hybrid car. 31 percent perceive no influence.

Base: All (2051)

QUESTION 6

China and Russia are important producers of battery minerals, which the car manufacturing industry in Germany rely on for its electrical car production.

Do you believe European governments should grant more battery mineral mining in Europe to lessen the dependency on these countries?

**COMMENT QUESTION 6**

57 percent of respondents support increased battery mineral mining in Europe – therefore more mines – to reduce the dependence on China. Only 18 percent said European governments should NOT grant more battery mineral mining in Europe.

Base: All (2051)



Eurobattery Minerals AB is a Swedish mining company listed on Swedish Nordic Growth Market (BAT) and German Börse Stuttgart (EBM). With the vision to make Europe self-sufficient in responsibly mined battery minerals, the company's focus is to realize numerous nickel-cobalt-copper projects in Europe to supply critical raw materials and, as such, power a cleaner world. Please visit www.eurobatteryminerals.com for more information. Feel free to follow us on LinkedIn and Twitter as well.

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