



Factum | Europe

**Methodology:**

Results are based on an online study conducted from October 7 to October 13, 2021, among 4,024 adult residents of eight European countries:

Belgium – 507 respondents  
Denmark – 500 respondents  
France – 504 respondents  
Germany – 505 respondents  
Netherlands – 501 respondents  
Norway – 501 respondents  
Sweden – 504 respondents  
United Kingdom – 502 respondents

The data has been statistically weighted according to national census figures for age, gender and region in each country.

The margin of error—which measures sample variability—is +/- 4.4 percentage points, nineteen times out of twenty for each country.

*How concerned are you about climate change?*

- More than four-in-five adult residents of France (85%), Germany (83%) and the United Kingdom (81%) say they are “very concerned” or “moderately concerned” about climate change.
- Majorities of residents of Belgium (79%), Denmark (also 79%), the Netherlands (74%), Sweden (66%) and Norway (59%) are also “very concerned” or “moderately concerned” about climate change.

*Over the past three years, have you heard about the concept of electrification?*

- In two countries, a majority of adult residents have heard about the concept of electrification: Sweden (71%) and Norway (59%).
- The proportion of residents who have heard about the concept of electrification is lower in Denmark (44%), the United Kingdom (42%), Germany (41%), Belgium (26%), France (20%) and the Netherlands (18%).

*How familiar are you with programs to use marine batteries to electrify ships and boats?*

- In Norway, one third of adult residents (34%) say they are “very familiar” or “moderately familiar” with programs to use marine batteries to electrify ships and boats.
- Significantly fewer adult residents of France (21%), Germany (20%), Belgium (18%), Denmark (also 18%), Sweden (17%), the Netherlands (11%) and the United Kingdom (10%) are familiar with these programs.

*As you may know, battery storage is a form of electrification that can help ship owners, ports, industrial sites and others move to eliminate the use of fossil fuels and rely on electricity instead. All things considered, do you support or oppose the use of battery storage?*

- More than two thirds of adult residents of the United Kingdom (74%), Denmark (70%), Belgium (69%) and Sweden (67%) support the use of battery storage.
- Support is also high in France (66%), Norway (also 66%), Germany (65%) and the Netherlands (also 65%).

*Thinking about battery energy storage, do you think governments should encourage its use as a way to fight climate change?*

- An average of 68% of residents of the eight countries polled think governments should encourage the use of battery storage as a way to fight climate change.
- At least seven-in-ten adult residents of the United Kingdom (74%), Belgium (71%) and France (70%) think governments should encourage the use of battery storage as a way to fight climate change.
- Majorities of adult residents of the Netherlands (69%), Denmark (68%), Sweden (also 68%), Germany (65%) and Norway (59%) are also in favour of encouraging the use of battery storage to fight climate change.

*Industrial batteries often consist of cells that get combined together to increase the amount of charging power. In the specific case of marine batteries, existing regulations allow a single cell to catch fire, as long as the fire does not travel to another cell. All things considered, do you think existing regulations are adequate?*

- Fewer than half of adult residents in each of the eight countries think existing regulations are adequate: France (44%), Belgium (43%), Denmark (39%), the Netherlands (also 39%), Germany (35%), Sweden (31%), Norway (30%) and the United Kingdom (25%).

*Thinking about these regulations, do you agree or disagree with each of the following statements?*

- At least four-in-five adult residents of five countries think existing regulations should be improved to prevent any fire on batteries used on vessels: United Kingdom (87%), France (83%), the Netherlands (82%), Germany (80%) and Norway (also 80%).
- Majorities of residents of Belgium (77%), Sweden (65%) and Denmark (63%) are also in favour of improved regulations.
- On average, more than four-in-five residents of the eight countries (82%) believe there should be transparent reporting on any incident involving marine batteries, including fires.
- The highest level of support is observed in the United Kingdom (90%), followed by Norway (85%), Belgium (84%), France (also 84%), Sweden (also 84%), the Netherlands (82%), Germany (80%) and Denmark (78%).
- More than three-in-four adult residents of Belgium (80%), Norway (also 80%) and the United Kingdom (76%) think the authorities should adopt rules to prevent the use of marine batteries that can catch on fire.



- These new regulations are also endorsed by at least half of residents of the Netherlands (73%), Denmark (65%), Germany (61%), France (57%) and Sweden (50%).
- More than seven-in-ten residents of the eight countries want the authorities to focus on safety as they consider regulations and laws regarding the use of batteries: United Kingdom (90%), Norway (85%), the Netherlands (83%), France (83%), Belgium (82%), Germany (also 82%), Denmark (80%) and Sweden (72%).

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