Climate survey - Country Comparisons

OECD

U.S. (2,010 respondents), Denmark (2,011 respondents), France (1,691 respondents - partial). Results are reweighted along the gender, age, income, highest diploma, region and rural/urban dimensions.

June 2021

Table of Contents

Table of Contents

Education and Origin

Figure 1: What is the highest level of education you have completed?

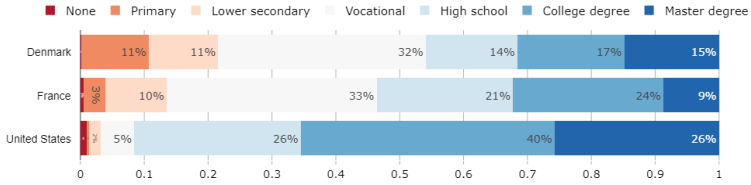
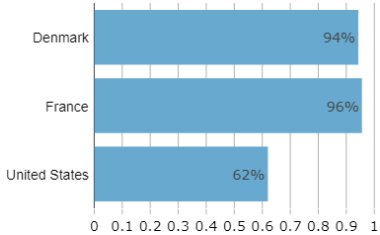
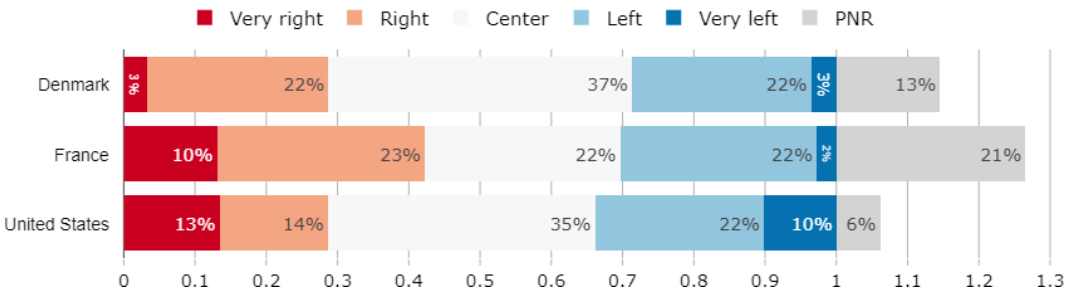


Figure 2: Respondent's origin is the dominant one in their country (US: white only; Other: national)



Political affiliation

Figure 3: On economic policy matters, where do you see yourself on the liberal/conservative spectrum?



Geography

Figure 4: Lives in an urban area, retrieved from zipcode

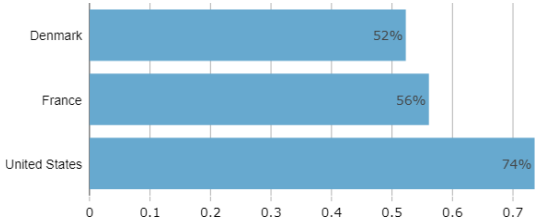
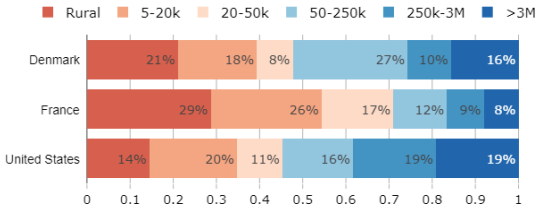


Figure 5: Size of town



Hit by covid

Figure 6: Have you or a member of your household been laid off or had to take a cut in your salary or wages due to the COVID-19 pandemic?

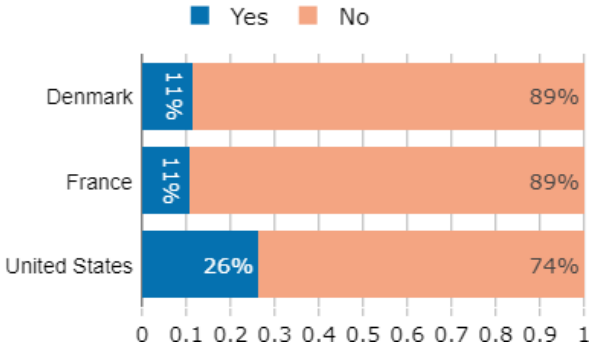
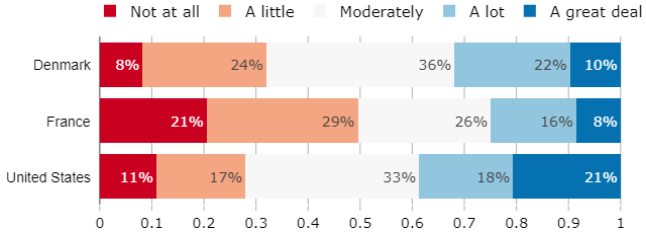


Table of Contents

Interest in politics

Figure 7: To what extent are you interested in politics?



Environmental organizations

Figure 8: Are you member of an environmental organization?

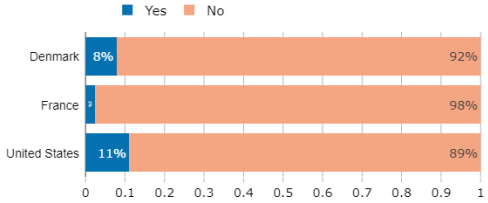
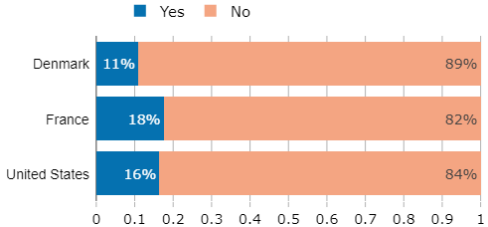


Figure 9: Do you have any relatives who are environmentalists?



Major election vote

Figure 10: Did you vote in the last major election?

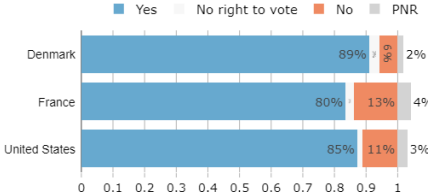
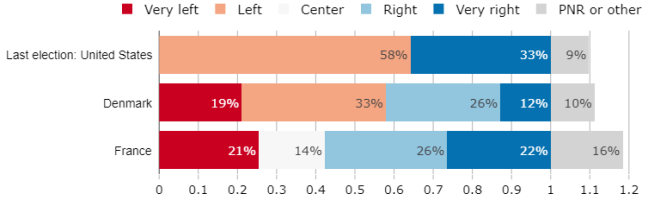


Figure 11: Which candidate did you vote / would you have voted for in the last major election?



Political affiliation

Figure 12: On economic policy matters, where do you see yourself on the left(liberal)/right(conservative) spectrum?

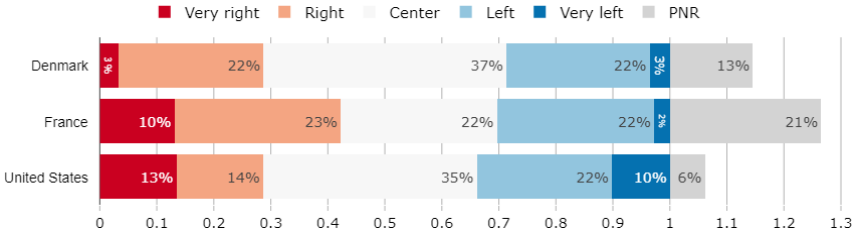


Table of Contents

Figure 13: What is the main way you heat your home

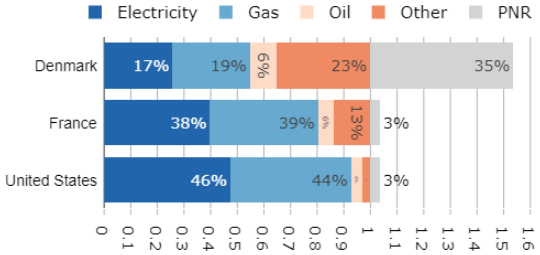


Figure 14: In a typical month, how much do you spend on heating for your accommodation?

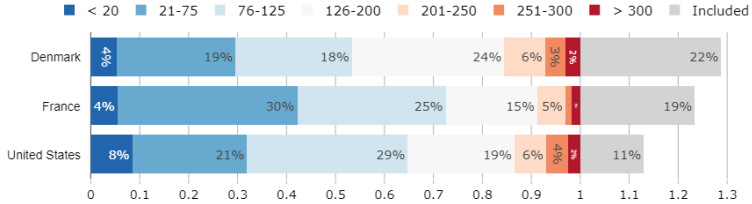


Figure 16: In a typical month, how much do you spend on gas for driving?

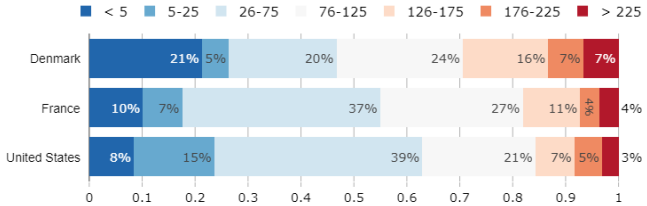


Figure 17: How many round-trip flights did you take between 2017 and 2019?

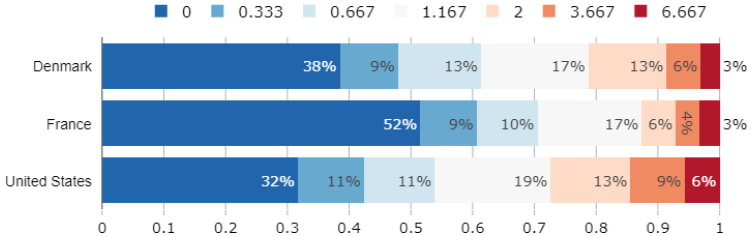


Figure 19: How do you rate the availability (ease of access and frequency) of public transportation where you live?

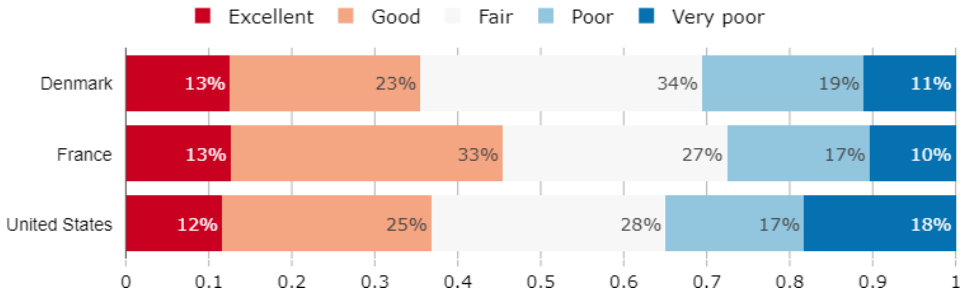


Table of Contents

Climate change knowledge: general

Figure 20: How often do you think or talk with people about climate change?

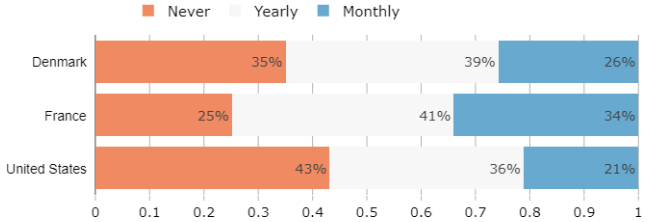
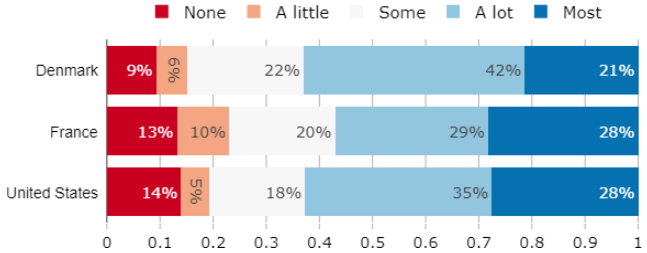


Figure 21: What part of climate change do you think is due to human activity?



Climate change knowledge: general

Figure 22: Do you agree or disagree with the following statement: “Climate change is an important problem."

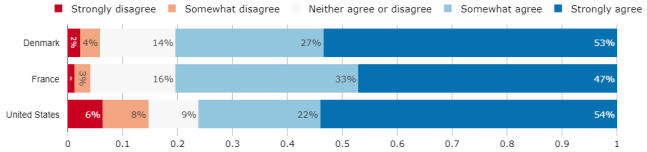
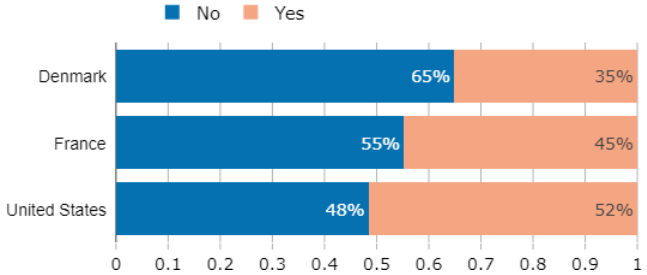


Figure 23: Do you think that cutting global greenhouse gas emissions by half would be sufficient to eventually stop temperatures from rising? (Right answer: No)



Climate change knowledge: GHG footprints

Figure 24: How knowledgeable do you consider yourself about climate change?

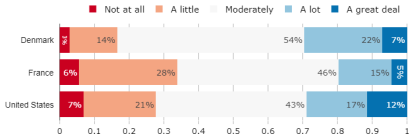
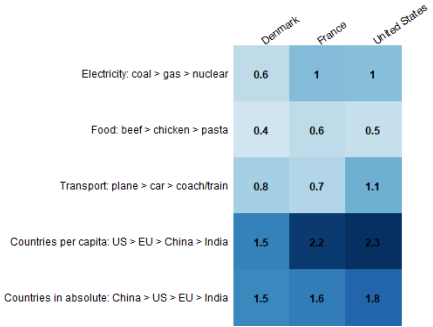
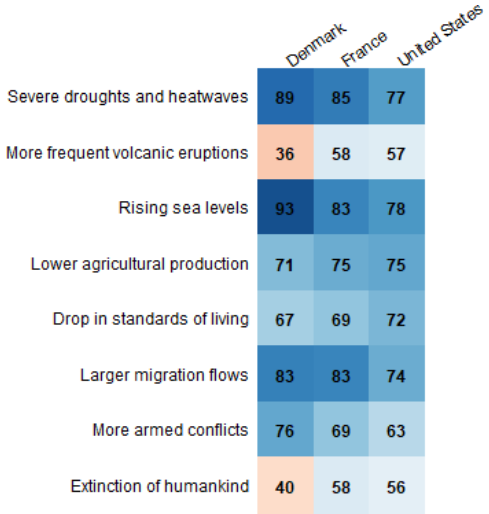


Figure 25: Kendall tau distance to correct ranking of GHG footprints for three sectors and for regions ($\sim$ number of mistakes)



Impacts of climate change

Figure 26: If nothing is done to limit climate change, how likely do you think it is that climate change will lead to the following events? (positive responses)



Summary of Knowledge

Figure 27: % of respondents who agree with the following statements:

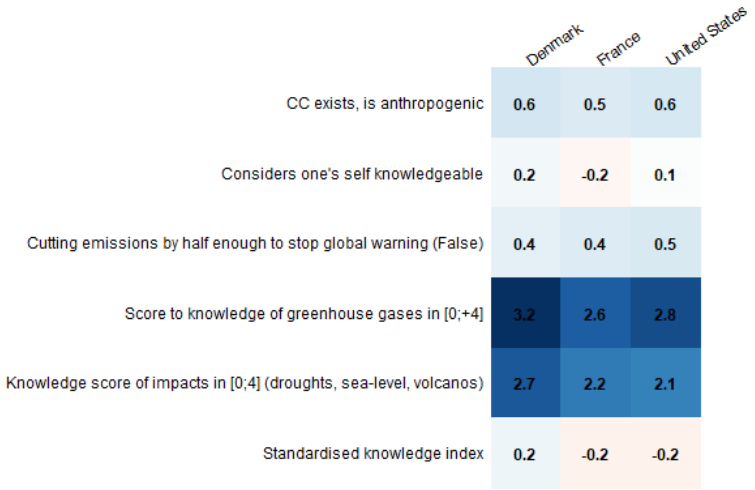
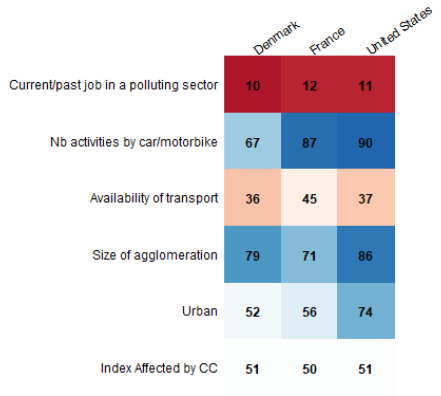


Table of Contents

Affected by Climate Change

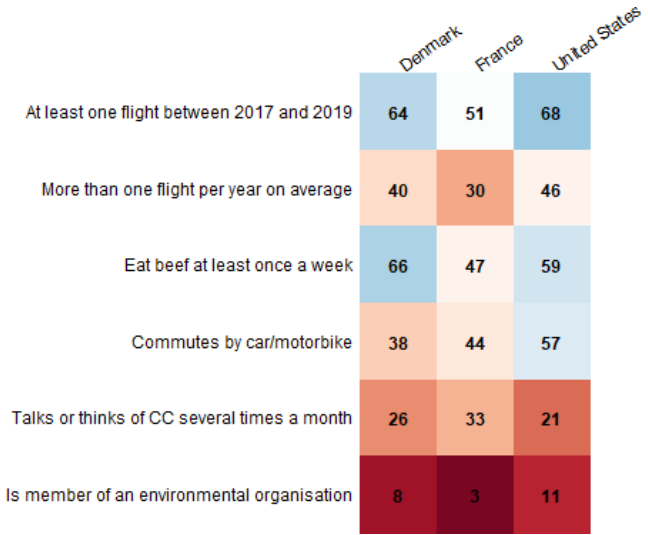
Figure 28: % of respondents with the following characteristics:



Current/past job in a pollutin sector: work or used to worked in a polluting sector; *Nb activities by car/motorbike:* use the car or the motorbike for at least one activitiy; *Availability of transport:* good or excellent availability of transport; *Size of agglomeration:* do not live in rural area; *Urban:* live in a large metropolitan area; *Index Affected by CC:* has a positive Index of being Affected by Climate Change

Behavior Summary

Figure 29: % of respondents with the following behaviors:



Beliefs about the future

Figure 30: To what extent do you think that it is technically feasible to stop greenhouse gas emissions while maintaining satisfactory standards of living in France?

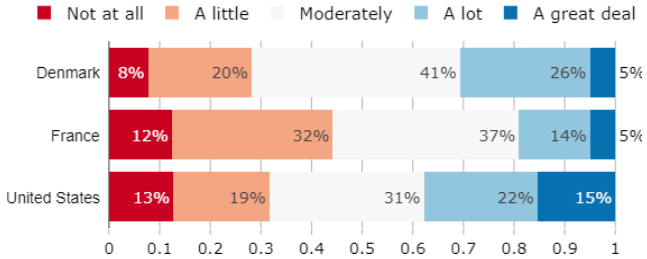
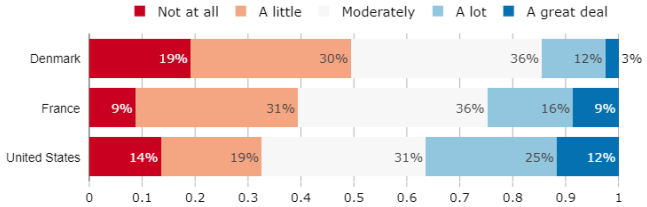


Figure 31: To what extent do you think climate change already affects or will negatively affect your personal life?



Beliefs about ambitious climate policies

Figure 32: If we decide to halt climate change through ambitious policies, to what extent do you think it would negatively affect your lifestyle?

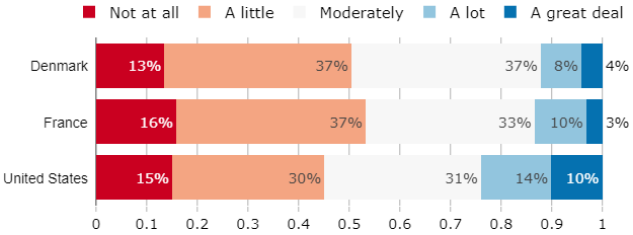
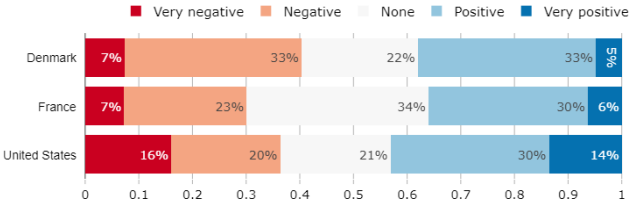
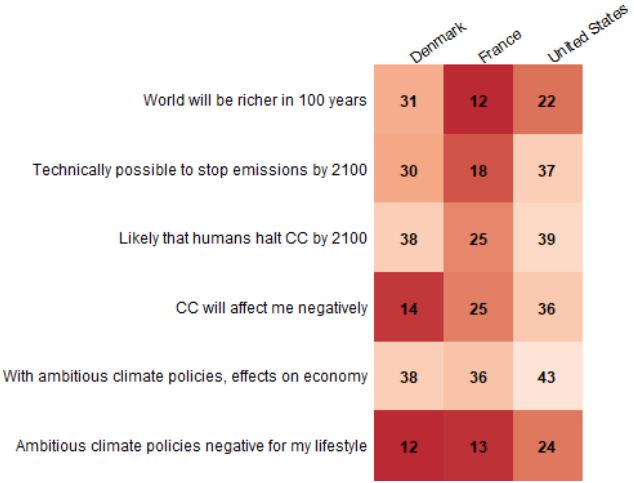


Figure 33: If we decide to halt climate change through ambitious policies, what would be the effects on the U.S economy and employment?



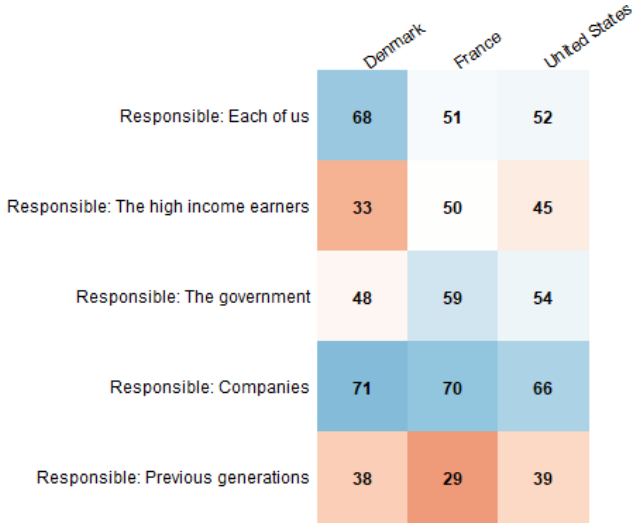
Summary Views on Future

Figure 34: % of respondents who agree with the statement



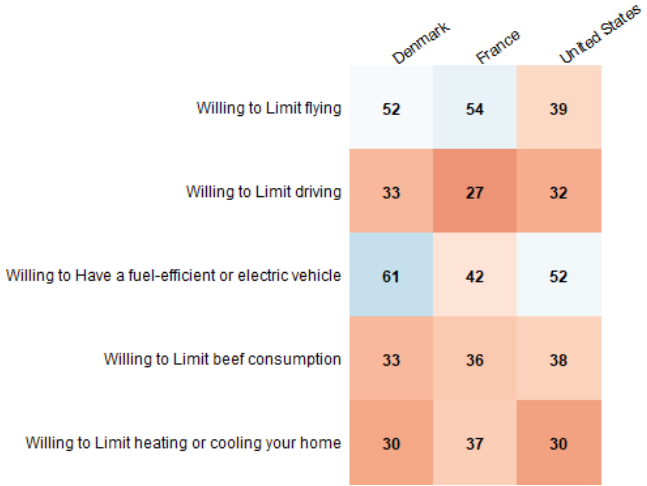
Views on who is responsible

Figure 35: % of respondents who think the followings groups are responsible for climate change



Willingness to change behaviors

Figure 36: Here are possible habits that experts say would help reduce greenhouse gas emissions. To what extent would you be willing to adopt the following behaviors? (% agreement)



Factors needed to change lifestyle

Figure 37: How important are the factors below in order for you to adopt a sustainable lifestyle (i.e. limit driving, flying, and consumption, cycle more, etc.)? (% agreement)

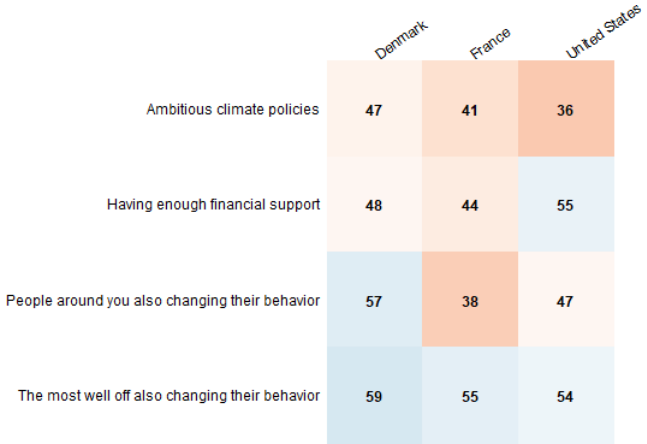


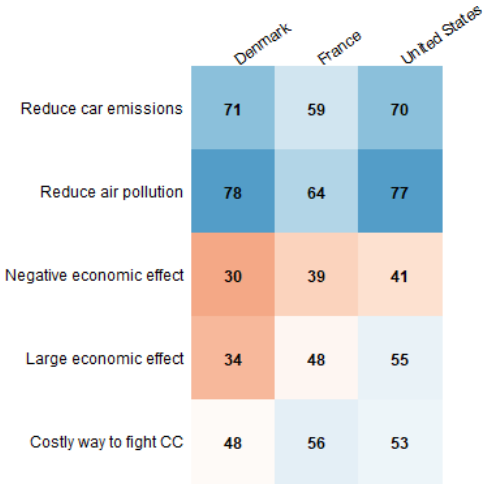
Table of Contents

Policy description

To fight climate change, car producers can be required by law to produce cars that emit less CO2 per mile of the cars they sell. The emission limit is lowered every year so that only electric or hydrogen vehicles can be sold after 2030. This policy is called a *ban on combustion-engine cars*.

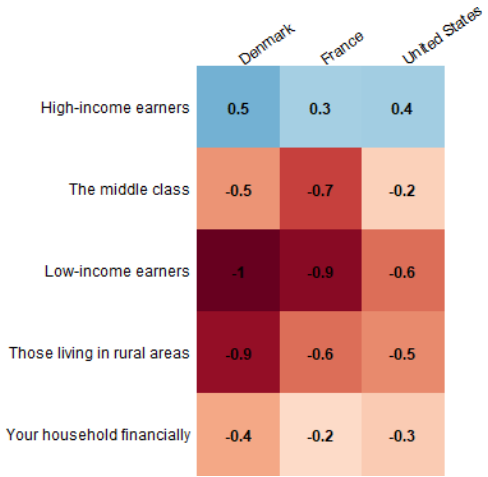
Effects of the policy

Figure 38: Do you agree or disagree with the following statements? A ban on combustion-engine cars would... (% agreement)



Incidence

Figure 39: In your view, would the following groups win or lose if a ban on combustion-engine cars was implemented in France? (mean answers)



Fairness and support

Figure 40: Do you agree or disagree with the following statement: “A ban on combustion-engine cars is fair"?

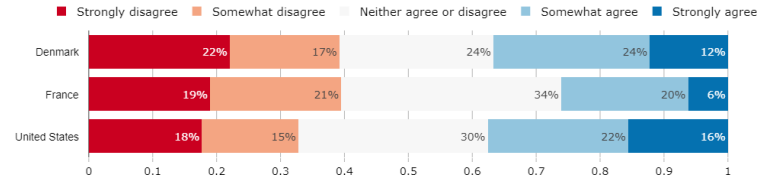


Figure 41: Do you support or oppose a ban on combustion-engine cars?

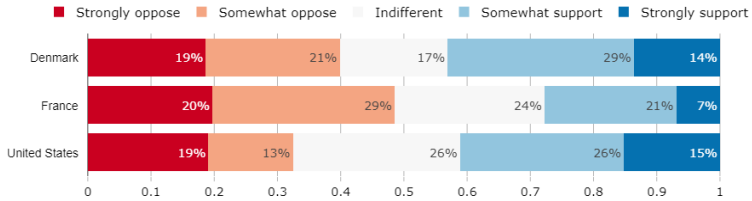


Figure 42: Do you support or oppose a ban on combustion-engine cars where alternatives such as public transports are made available to people?

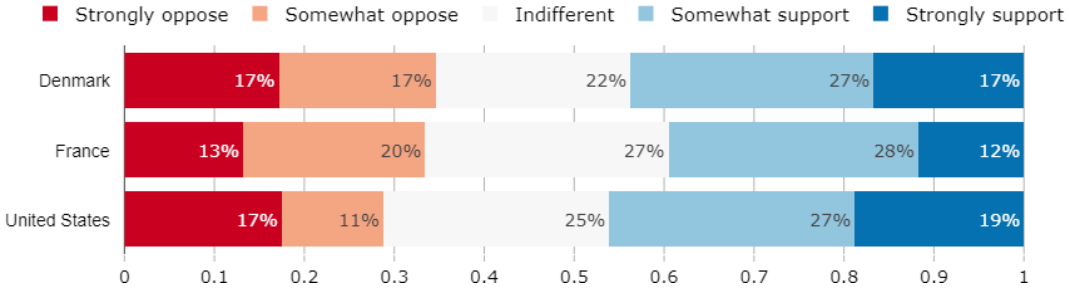


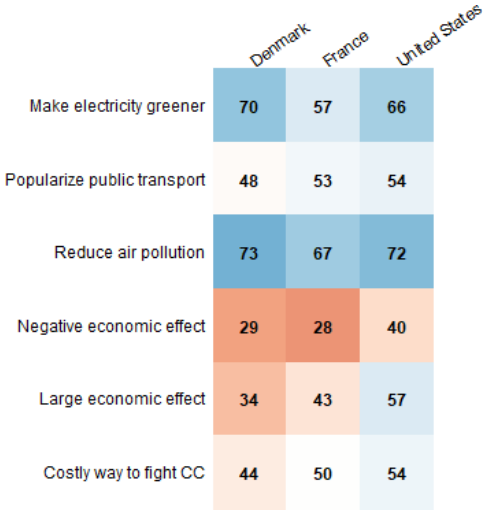
Table of Contents

Policy description

A green infrastructure program is a large public investment program, which would be financed by additional public debt, to accomplish the transition needed to cut greenhouse gases emissions. Investments would concern renewable power plants, public transportation, thermal renovation of building, and sustainable agriculture.

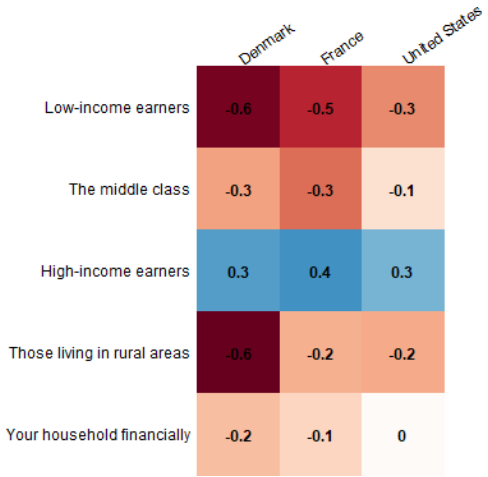
Effects of the policy

Figure 43: Do you agree or disagree with the following statements? A green infrastructure program would... (% agreement)



Incidence

Figure 44: In your view, would the following groups win or lose with a green infrastructure program? (mean answers)



Fairness and support

Figure 45: Do you agree or disagree with the following statement: “A green infrastructure program mainly financed by public debt is fair."

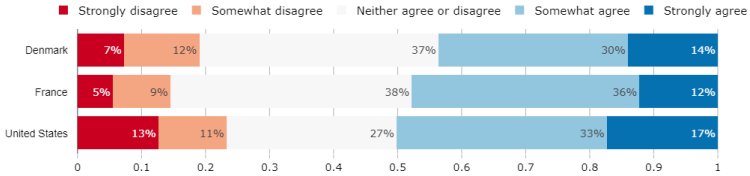


Figure 46: Do you support or oppose a green infrastructure program?

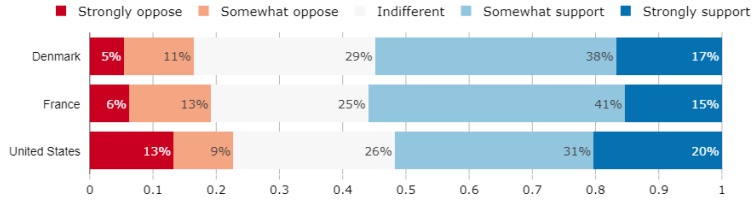


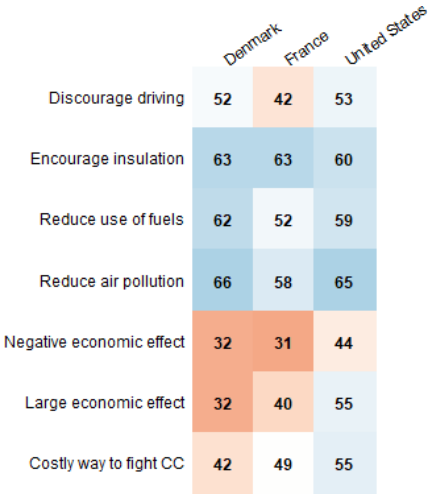
Table of Contents

Policy description

To fight climate change, the French government can make greenhouse gas emissions costly, to make people and firms change their equipment and reduce their emissions. The government could do this through a policy called a carbon tax with cash transfers. Under such a policy, the government would tax all products that emit greenhouse gas. For example, the price of gasoline would increase by 10 centimes par litre. To compensate households for the price increases, the revenues from the carbon tax would be redistributed to all households, regardless of their income. Each adult would thus receive 160€ per year.

Effects of the policy

Figure 47: Do you agree or disagree with the following statements? A carbon tax with cash transfers would... (% agreement)



Incidence

Figure 48: In your view, would the following groups win or lose under a carbon tax with cash transfers? (mean answers)

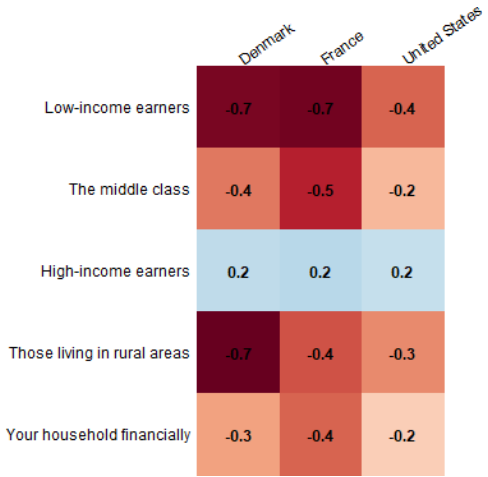


Figure 49: Do you agree or disagree with the following statement: “A carbon tax with cash transfers is fair."

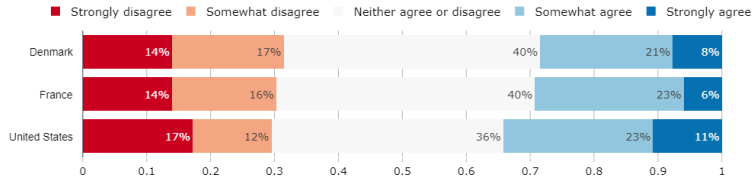
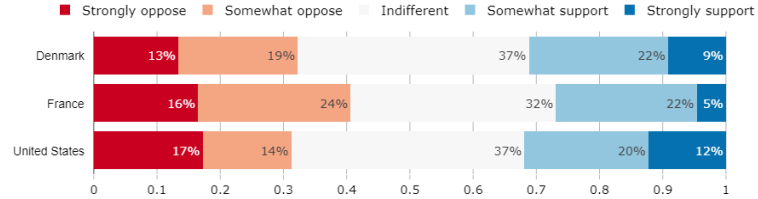
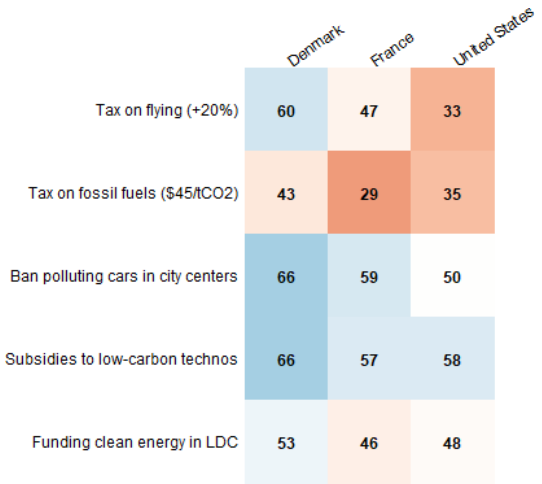


Figure 50: Do you support or oppose a carbon tax with cash transfers?



Other policies

Figure 51: Do you support or oppose the following climate policies? (% agreement)



Revenue recycling of carbon tax

Figure 52: Governments can use the revenues from carbon taxes in different ways. Would you support or oppose introducing a carbon tax that would raise gasoline prices by 10 centimes par litre, if the government used this revenue to finance... (% agreement)

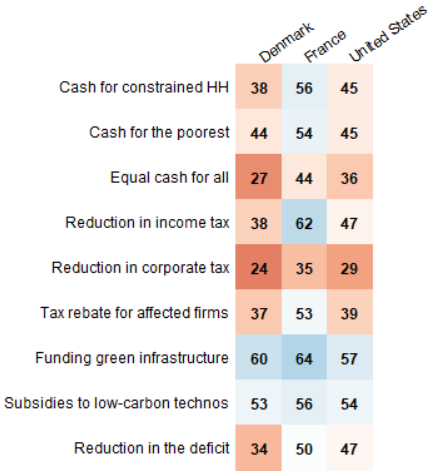


Table of Contents

WTP

Figure 53: Are you willing to pay [amount] annually through an additional individual contribution to limit global warming to safe levels (less than 2 °C)?

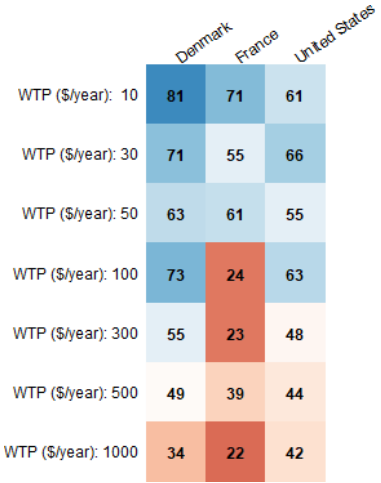
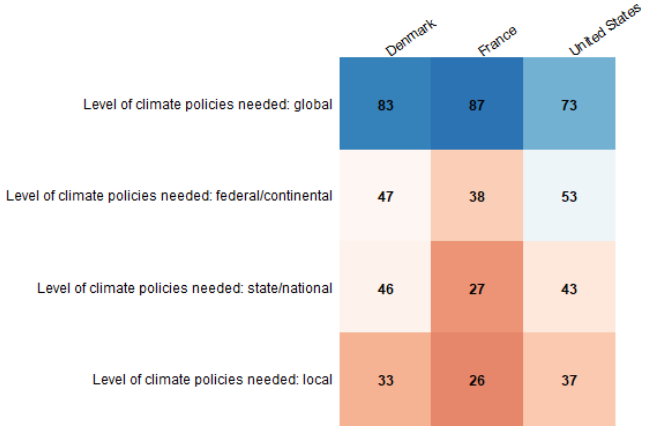


Table of Contents

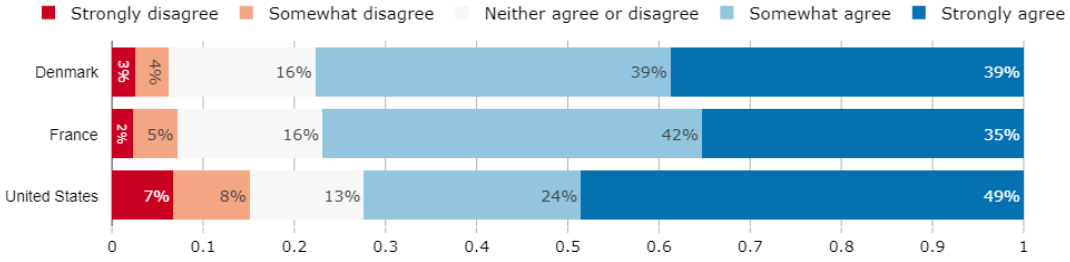
Governance of climate policies

Figure 54: At which level(s) do you think public policies to tackle climate change need to be put in place? (Multiple answers are possible)



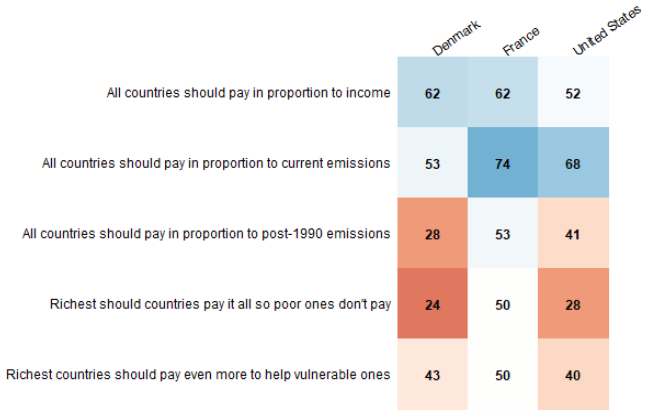
US climate policy

Figure 55: Do you agree or disagree with the following statement: “France should take measures to fight climate change."



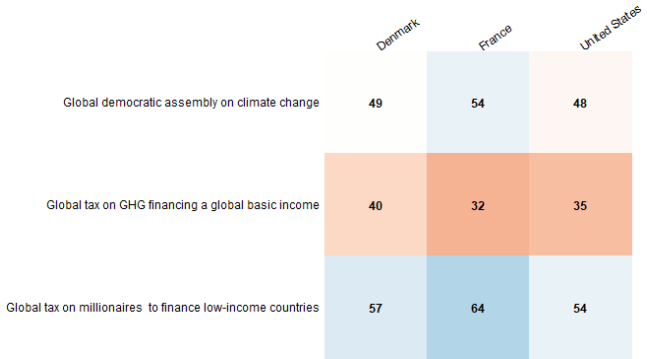
Burden-sharing

Figure 56: To achieve a given reduction of greenhouse gas emissions globally, costly investments are needed. Ideally, how should countries bear the costs of fighting climate change?



Global policies

Figure 57: Do you support or oppose the following policies?



Insulation

Figure 58: Imagine that the government makes it mandatory for all residential buildings to have insulation that meets a certain energy efficiency standard before 2040. The government would subsidize half of the insulation costs to help households with the transition.
Do you support or oppose such policy?

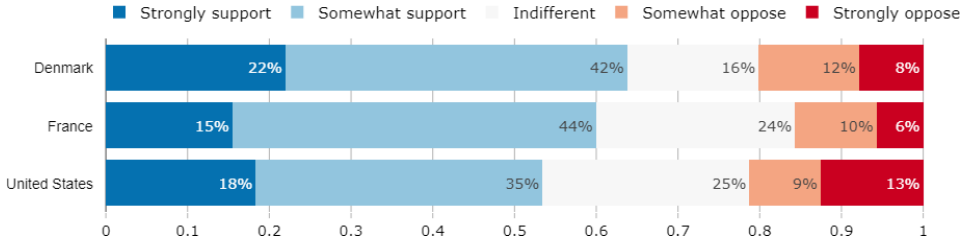


Table of Contents

Figure 59: Do you agree or disagree with the following statement: “Most people can be trusted."

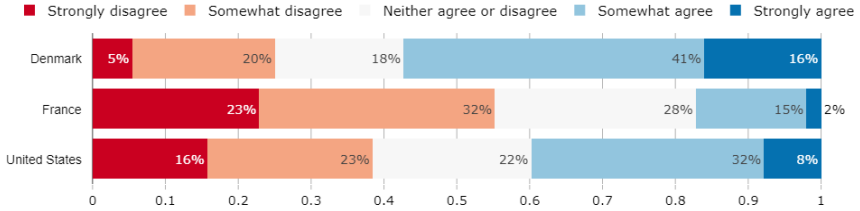
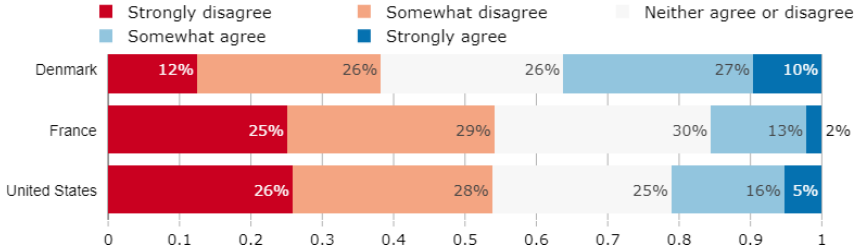


Figure 60: Do you agree or disagree with the following statement: “Over the last decade the [National] government could generally be trusted to do what is right."



Perception of institutions, inequality, and the future

Figure 61: Some people think the government is trying to do too many things that should be left to individuals and businesses. Others think that government should do more to solve our country's problems. Which come closer to your own view?

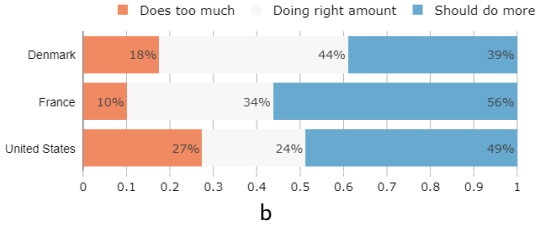


Figure 62: How big of an issue do you think income inequality is in [your country]?

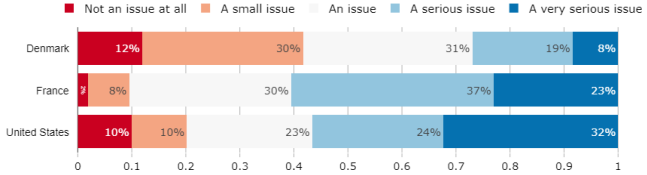


Table of Contents

Feedback on the survey

Figure 63: Do you feel that this survey was politically biased?