



material_footprint → MFTEST

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Bard College Berlin

A LIBERAL ARTS UNIVERSITY



Dear participants,

Welcome to our study on environmental behavior!

The following survey* deals with everyday behavior. We invite you to complete this survey so that we can have a more complete picture of environmental behavior. The survey takes around 15 minutes to complete.

Survey participation is voluntary and completely anonymous. We know that openness is only possible when you can be certain that your data is safe and that your answers are private. Rest assured, it is not possible for the researchers to know any single person's identity, or even IP address, from the data. Further, the anonymized data will then solely be used for academic purposes. Your data will not, under any circumstance, be passed off to a third party.

As thanks for completing the survey, we will randomly distribute 3 Rewe gift certificates valued at €50, €30, and €20 to participants living in Germany. At the end of the questionnaire, you may optionally provide your email for a chance to win one of these gift certificates.

For questions and suggestions, you can contact us anytime at michael.hardaker@berlin.bard.edu.

Thank you very much in advance for your participation!

Michael Adam Hardaker

Prof. Dr. Ann-Kathrin Blankenberg

*This survey is part of a research project conducted by the economics department (Michael Adam Hardaker and Prof. Dr. Ann-Kathrin Blankenberg) at Bard College Berlin in cooperation with the sustainability office of Pankow.

**This email is stored separately from your answers, and is only used to distribute the gift certificates. After the gift certificate distribution, these email addresses are erased.

Please read every question, but avoid taking too much time on deliberation. Your first impression is normally the most appropriate response. There are no right or wrong answers! We only ask that the answers accurately represent your situation, attitude, or opinion.

We would like to ask you about your current living situation. In the following question, please indicate how satisfied you are with life overall. 0 means that you feel completely unsatisfied and 10 means that you are completely satisfied. You may also give an evaluation somewhere between these values.

1. Please tick the number which you feel best describes how dissatisfied or satisfied you are with your life overall.

<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
0,	1	2	3	4	5	6	7	8	9	10,
Completely dissatisfied					Completely satisfied					

2. Please select the degree to which you agree or disagree with the following statements:

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
I think of myself as an environmentally friendly consumer.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I think of myself as someone who is very concerned with environmental issues.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would be embarrassed to be seen as having an environmentally friendly lifestyle.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would not want my family or friends to think of me as someone who is concerned about environmental issues.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3. To what extent would you describe your lifestyle as sustainable/environmentally friendly?

<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
0, Completely unsustainable	1	2	3	4	5	6	7	8	9	10, Completely sustainable

4. Which of the following expressions best describes how you feel about the relationship between your current lifestyle and the environment?

<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1, I am satisfied with what I do	2	3	4	5, I would gladly do much more for the environment

Page 03**5. You may have heard the idea that the world's climate is changing due to increases in temperature over the past 100 years. What is your personal opinion on this? Do you think the world's climate is changing?**

<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Definitely not changing	Probably not changing	I don't know	Probably changing	Definitely changing

6. How worried are you about climate change?

<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not at all	Very little	Some	A lot	A great deal	I don't know

The following question concerns your personal behavior. Please select how often you performed any of the following actions in the last 12 months, from "never" to "always".

7. In the last 12 months, have you...					
	Never	Rarely	Occasionally	Often	Always
purchased regional products?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
eaten meat with your main meals?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
brought your own shopping bag to the store?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
decided against buying a product due to its unnecessary packaging?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
donated money to an environmental- or nature-protection organization?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
signed a petition concerned with protecting the environment?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
taken part in demonstrations for protecting the environment?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
actively engaged in a collective initiative concerning the environment or climate?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
boycotted products that are/were not environmentally friendly?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
completely turned off electronic devices at night (i.e. not on "standby" mode)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Never	Rarely	Occasionally	Often	Always
turned off the lights in rooms when they were not currently being used?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
turned off the faucet while brushing your teeth?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
put on warmer clothes instead of turning the heat up?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
gone short distances (ca. 4-5km) by bikes or foot?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
organize a carpooling group with others?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
used public transportation (e.g. bus, subway) instead of a car?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

avoided travelling by plane, when other transportation options were available?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
purchased groceries with an organic/"bio" label?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
purchased clothing that was labelled as environmentally friendly (e.g. organic wool)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
repaired (or let someone else repair) items of daily use (e.g. shoes, furniture, automobiles) as much as possible before replacing?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

8. My country of residence is...

[Please choose] ▼

9. In my household...

there is/are grown up(s),

children OVER 14,

and children UNDER 14,

living on an area of m². (m² = ft² * 0.092)

10. Electricity: I am supplied with...

- ☐ conventionally generate electricity
- ☐ a renewable electricity mix
- ☐ electricity from my own photovoltaic system

☐ I don't know

11. I know my annual electricity consumption...

(without the consumption of storage heating)

☐ my household's consumption is about kWh

I'm not sure but my consumption most likely is...

- ☐ low (ca. 1700 kWh)
- ☐ average (ca. 2100 kWh)
- ☐ high (ca. 2500 kWh)

12. Heating: I heat with...

- | | | |
|--|---|--|
| <input type="radio"/> gas | <input type="radio"/> district heating | <input type="radio"/> a storage heater |
| <input type="radio"/> oil | <input type="radio"/> solar thermal energy in | <input type="radio"/> something else |
| <input type="radio"/> wood pellets/chips | <input type="radio"/> combination with
gas/oil | |

☐ I don't know

13. I know my annual energy consumption for heating...

☐ my annual consumption is kWh

I'm not sure, but my consumption is most likely...

- ☐ low (the indoor temperatur is under 20C in winter – ca. 5400 kWh)
- ☐ moderate (the indoor temperatur is about 20C in winter – ca. 6000 kWh)
- ☐ high (the indoor temperatur is over 20C in winter – ca. 7200 kWh)

14. In my household there is/are...

- combined oven/stove(s)
- microwave(s)
- fridge(s) or combined fridge/freezer(s)
- additional freezer(s)
- dishwasher(s)
- washing machine(s)
- laundry dryer(s)

The above appliances are used until they are broken☐**15. In my household there is/are..**

- TV set(s)
- DVD/Bluray player(s)
- hi-fi system/radio(s)
- desktop pc(s)
- notebook(s)
- tablet(s)
- mobile phone(s)
- gaming console(s)

The above appliances are used until they are broken☐**16. Every month I buy...**about pieces of clothing**I buy mostly second-hand clothing**☐

17. In general, my furniture...

- ☐ is new (not older than 10 years).
- ☐ has a long service time or is second-hand (older than 10 years).

18. Diet: I eat...

- ☐ a lot of meat (meat on a daily basis)
- ☐ little meat (meat about 3 days per week)
- ☐ only vegetarian food (no meat, but e.g. eggs, milk or cheese)
- ☐ only vegan food (no meat or any kind of animal products)

19. In one day I usually drink...

(Please fill in the number of glasses or cups, 0.25 l)

 0 bottled water 0 fruit juice 0 coke/lemonade 0 milk 0 soy milk 0 coffee 0 tea 0 beer 0 wine 0 tap water**20. Do you occasionally have to throw away food?**

(Please consider leftover food and expired food products.)

- ☐ No
- ☐ Yes, rarely (about 1.5L of avoidable waste per week and person)
- ☐ Yes, sometimes (about 3L of avoidable waste per week and person)
- ☐ Yes, often (about 6L of avoidable waste per week and person)

21. What hobbies do you have?

(Please fill in the hours per MONTH you spend on each activity.)

Jogging, hiking, climbing
(outdoor)Riding a racing or mountain
bike

Inline skating

Riding a motorcycle

Playing a musical
instrument**22. Which facilities do you use on a regular basis?**

(Please fill in the number of visits per MONTH)

Swimming pool

Fitness studio (gym)

Golf course

Amusement park

Cinema/ Theater/
Concert

Museum

Tennis court

Football pitch

Gymnasium

Climbing hall

23. Do you go skiing or snowboarding?☐ No☐ Yes, about days per year

24. Commutes: In one WEEK I usually travel...

Please consider commutes to and from work, buying groceries, going to weekly sport activities, etc. (excluded are infrequent trips such as events, weekend or business trips). km = mile * 1.6

 0 km by car (also as a passenger) 0 km by scooter or motorcycle 0 km by long-distance train 0 km by short-distance train, suburban train or subway 0 km by bus 0 km by bike 0 km on foot**25. Trips: In the last MONTH for weekend trips and infrequent events I additionally traveled...**

Please consider trips to and from meetings or going to events etc. (excluding vacation and business trips). km = mile * 1.6

 0 km by car (also as a passenger) 0 km by scooter or motorcycle 0 km by long-distance train 0 km by short-distance train. suburban train or subway 0 km by bus 0 km by bike**26. Automobiles: In my household there is/are...** 0 car(s) used by 0 driver(s)**The average age of the car(s) is** 0 years.

27. Most of the time I drive a...

- ☐ minicar or small car (e.g. VW Polo, Smart, Opel Corsa)
- ☐ compact car (e.g. VW Golf, Audi A3, BMW 1 Series)
- ☐ mid-range car (e.g. VW Passat, BMW 3 Series, Audi A4)
- ☐ upper mid-range car (e.g. BMW 5 Series, Audi A6, Mercedes E)
- ☐ sport utility vehicle (e.g. VW Tiguan, BMW X3, Mercedes M)
- ☐ premium car (e.g. Mercedes S-Class, BMW 7 Series, Audi A8)
- ☐ electric car (e.g. BMW i3, VW E-up!, Renault ZOE)
- ☐ hybrid car (e.g. Toyota Prius)

☐ I don't drive a car

28. What type of fuel do you use?

- ☐ Gasoline/petrol
- ☐ Diesel
- ☐ Liquefied petroleum gas
- ☐ Natural gas
- ☐ Bioethanol or biodiesel
- ☐ Conventionally generated electricity (electric car)
- ☐ Renewable electricity mix (electric car)

☐ other / I don't know

29. Fuel consumption: My car...

☐ needs l / kg / kWh per 100km (To convert from miles: $235 / [\text{your vehicle's mpg}] = \text{liters per 100km}$)

☐ I don't know how much fuel my car needs.

30. When going by car, how many people usually travel in the car with you?

- ☐ I'm on my own
- ☐ I'm in the car with one other person
- ☐ I'm in the car with at least two other people

31. Travel: How did you travel to your holiday destinations last year (round trip)?

Please consider all trips from all holiday destinations where you stayed at least one night.

 0 km by car (km = mile * 1.6) 0 hours by long distance train 0 hours by bus/coach 0 hours by airplane 0 hours by boat/ferry**32. Where and for how long did you stay at your holiday destinations last year?** 0 days at a friend's place 0 days in a hotel 0 days in a luxury hotel 0 days in a holiday apartment/house 0 days in a caravan/camper 0 days in a tent 0 days on a sailing or house boat 0 days on a cruise ship

Our daily actions are influenced in some way by our foundational beliefs. Below are different characteristics that a person can have. Some of these characteristics probably apply to you while others do not. You may also be undecided with some of them.

Below you see a number of statements, each of which starts with "I see myself as someone who...". For each statement, please indicate the degree to which these accurately describe you, from 1 (strongly disagree) to 7 (strongly agree).

33. I see myself as someone who...							
	1 Strongly disagree	2	3	4	5	6	7 Strongly agree
worries a lot	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
get nervous easily	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
remains calm in tense situations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
is talkative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
is outgoing, sociable	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
is reserved	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
is original, comes up with new ideas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
values artistic, aesthetic experiences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
has an active imagination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
is sometimes rude to others	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
has a forgiving nature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
is considerate and kind to almost everyone	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
does a thorough job	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
tends to be lazy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
does things efficiently	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

You are almost done! To finish out, we have a couple questions about you:

34. What is your age (in years)?

35. To which gender do you most identify?

- ☐ Female
- ☐ Male
- ☐ Diverse

36. What is the combined net (i.e. after tax) monthly income of all members of your household?

- ☐ Less than €1000 (~\$1100)
- ☐ €1000 up to €2000 (~\$1100 - \$2200)
- ☐ €2000 up to €3000 (~\$2200 - \$3300)
- ☐ €3000 up to €5000 (~\$3300 - \$5600)
- ☐ €5000 up to €7000 (~\$5600 - \$7800)
- ☐ More than €7000 (~\$7800)

- ☐ I prefer not to say

37. What is your highest educational qualification?

- ☐ Current secondary school student
- ☐ Did not finish secondary school
- ☐ Secondary school degree equaling 9 years (general or vocational)
- ☐ Secondary school degree equaling 10 years (general or vocational)
- ☐ Secondary school degree equaling 12 years (general or vocational)
- ☐ University degree (bachelor's, master's, PhD.)

38. What type of building do you live in?

- ☐ Rented apartment
- ☐ Owned apartment
- ☐ Rented house
- ☐ Owned house
- ☐ Other

39. What is your current employment status?

- ☐ Full time
- ☐ Part time / mini-job
- ☐ Student / apprentice
- ☐ Unemployed
- ☐ Retired
- ☐ Other (e.g. stay-at-home parent, parental leave, in care)

40. What is your current marital status?

- ☐ Single
- ☐ Married / in a relationship
- ☐ Married but separated
- ☐ Divorced
- ☐ Widowed

42. Compared to other people your age, how would you evaluate your overall health in the last 12 months?

- ☐ Excellent
- ☐ Good
- ☐ Average
- ☐ Bad
- ☐ Very bad

41. What is your nationality?

- ☐ German
- ☐ European (non-German)
- ☐ Other

43. What is your postal code?

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One last thing!

All participants living in Germany that input their email will be entered into a lottery for 3 Rewe gift certificates valued at 50€, 30€, and 20€. If you wish to participate in this lottery, please input your email here. This email is stored separately from the answers in the survey and it is not possible for the researchers to connect the emails to the survey data.

Lottery Opt-In:

(the email input box only appears once you select the box)

- ☐ I would like to participate in the **lottery**. I agree that my email address will be saved until the winner is drawn. My interview will continue to be anonymous and my email address will not be passed on to third parties.

Thank you for completing this questionnaire!

We would like to thank you very much for helping us.

Your answers were transmitted, you may close the browser window or tab now.

B.A. Michael Hardaker, Bard College Berlin – 2021