

## Survey about views on justice in relation to agricultural change

Dear Participant,

My name is Auvikki de Boon, and I am a PhD student at the University of Reading. Together with my supervisors I am conducting a study about what people think about the justice of changes in agriculture and agricultural policy. This study is part of my PhD project in which I investigate the governance of agricultural change. The results of this study will be used to understand different views on justice in relation to agricultural change to help inform ways to govern this change.

For this study, we are asking for your participation in an anonymous online survey, which will take approximately 15 minutes to complete. You have been randomly selected as a potential participant because you fulfil the criteria of our target group (adult inhabitant of England). The survey contains questions asking about your thoughts regarding agricultural policy measures, the distribution of costs and benefits of change, and the process through which change is brought about. ***Even if you know little about agriculture, your opinions are needed!***

Please keep in mind that participation in this research is voluntary, and there are no known risks associated with your participation. If you decide to participate, you may withdraw your consent and stop participation at any time without penalty. We will not collect your name or any personal identifiers. Below we ask you to fill in a codeword. If you wish to withdraw your consent after you submitted your answers, you can do so by contacting me with your unique codeword no later than 31.01.2022. You do not need to state any reason for your withdrawal. At the end of the research project, the data will be deposited to the University of Reading's Research Data Archive, so that they can be consulted and re-used by others for future research studies. You will be compensated through your panel provider for completing the survey. Your panel provider will be fully responsible for determining pay rates and administering payment.

This study has received ethical clearance by the University of Reading.

**To indicate your consent to participate in this research and to continue on to the survey, please click the "arrow" button below.**

If you have any questions about this study, please e-mail us at [REDACTED]  
More information on the University of Reading Research Data Archive can be found here:  
<https://researchdata.reading.ac.uk/>

Thank you in advance for your help with this study!

Sincerely,

Auvikki de Boon, PhD Student  
School of Agriculture, Policy and Development  
University of Reading

**Supervisors' contact details**

Name: Dr. David Christian Rose  
School of Agriculture, Policy and Development  
University of Reading, United Kingdom

Phone: [REDACTED]  
E-mail: [REDACTED]

Name: Prof. Camilla Sandström  
Department of Political Science  
Umeå Universitet, Sweden

Phone: [REDACTED]  
E-mail: [REDACTED]

**Q1.** Please type a memorable code word which will be used as your unique identifier:

Survey Completion  
0%  100%



## Background

*In this section we first would like to know a little bit more about you.*

**Q2.** How old are you in years? *(Please select from the drop down menu)*

**Q3.** Which gender do you feel you belong to?

Female

Male

Other, namely:

Prefer not to say

Survey Completion  
0%  100%



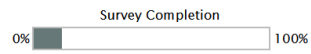
Q4. In what region do you live?



- Scotland
- Northern Ireland
- North East
- North West
- Yorkshire and the Humber
- East Midlands
- West Midlands
- Eastern England
- Wales
- Greater London
- South East
- South West
- I do not live in the UK. I live in:

**Q5.** Which of the following categories does your current place of residence belong to?

- Urban area (inner city/town)
- Semi-urban area (outskirt of a city/suburban area/small town)
- Rural area (areas other than towns or cities, such as the countryside, villages or farms)
- Other, namely:



**Q6.** What is the highest level of education you have completed?


- No formal education
- Primary education
- Secondary education
- Post-secondary, not university
- Undergraduate degree
- Master's degree
- Doctoral degree

Survey Completion  
0%  100%



**Q7.** What is your average annual level of income?

- No more than £17,499
- Between £17,500 - £29,999
- Between £30,000 - £49,999
- £50,000 or more
- I am in non-paid employment/unemployed
- Prefer not to say

Survey Completion  
0%  100%



**Q7a.** I am in non-paid employment, namely:


- Retired/pensioned
- Doing housework and not in paid employment
- Student
- Disabled
- Unemployed
- Other, namely:





**Q8.** If there would be elections tomorrow, which political party would you vote for?

- Conservative Party
- Green Party
- Labour Party
- Liberal Democrats
- Reform UK
- UK Independence Party
- Other, namely:
- Prefer not to say

Survey Completion  
0%  100%




**Q9.** What is your religion?

- Atheist
- Buddhist
- Christian
- Hindu
- Jewish
- Muslim
- Sikh
- Other, namely:
- Prefer not to say



**Q9a.** How important or unimportant is your religion to you?


- Very unimportant
- Unimportant
- Somewhat unimportant
- Neutral
- Somewhat important
- Important
- Very important

Survey Completion  
0%  100%



**Q10.** As what ethnicity do you identify yourself?

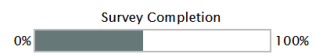
- Arab/Arab British
- Asian/Asian British
- Black/African/Caribbean/Black British
- Mixed/Multiple ethnic groups
- White/White British/White Irish
- Other, namely:
- Prefer not to say

Survey Completion  
0%  100%



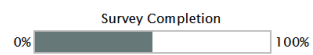
**Q11.** What is your relation to agriculture? (*select all that apply*)

- I do not have any connection to agriculture.
- I work in the agricultural sector.
- I own a farm.
- I have friends who work in the agricultural sector.
- I have family who work in the agricultural sector.
- Other, namely:



**Q11a.** What kind of farm do you own?

- Horticulture
- Arable/general cropping
- Upland livestock
- Lowland livestock
- Pigs
- Poultry
- Dairy
- Mixed



## Q12. Topics to address

*In this section we would like to know your opinion on the importance of several topics that may be impacted by agricultural change.*

Please rank the statements below from most important (1) to least important (12) for the justice of agricultural change. You can move the statements to the desired place by clicking and dragging.

Opportunities to enjoy nature are increased.	1
Public access to nature is increased.	2
Food is affordable.	3
Diversity of life on Earth, including plants, animals, fungi, and micro-organisms increases and nature is thriving.	4
New jobs created as a result of the change provide good working conditions.	5
Rural communities are thriving.	6
Food has good nutritional quality.	7
Farming is profitable enough for farmers to make a living.	8
Food is sufficiently available for all.	9
Climate change is minimized.	10
Exposure to environmental pollution is reduced.	11
Environmental damage is reduced.	12







... set penalties on environmentally harmful practices.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... set regulations so that negative environmental impacts are compensated by improving the environment elsewhere.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... pay older farmers to stop farming so that younger farmers can take over.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Strongly disagree	Disagree	Somewhat disagree	Neutral	Somewhat agree	Agree	Strongly agree
... revoke farm licences to reduce the number of farms.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... provide information to consumers on the environmental impact of specific types of food and food waste.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... support farmers and farm workers with training to move to a different job when they lose their job due to the change.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... create strict regulations for animal welfare.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... set strict environmental regulations on imported food.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... provide positive recognition for environmentally friendly farmers (e.g. through sustainability certificates).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... set legally binding targets for the maximum level of harmful substances in the soil, air, and water.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Strongly disagree	Disagree	Somewhat disagree	Neutral	Somewhat agree	Agree	Strongly agree
... set taxes on pesticides, fungicides, and herbicides.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... remove regulations that protect the internal food-market (e.g. reducing trade barriers).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... pay grants to farmers for innovation and adaptation to the change.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... buy out farmers from their farms to reduce the number of agricultural businesses in the country.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>




#### Q14. Impacts of change

*Agricultural change might have an impact on your living conditions, for example how much you are exposed to environmental pollution, how much access you have to nature, or how much you need to pay for your food. In this section we would like to know how important or unimportant you find the following statements for the justice of agricultural change:*

Changes in agriculture...

	Very unimportant	Unimportant	Somewhat unimportant	Neutral	Somewhat important	Important	Very important
... do <b>not</b> make my living circumstances worse than they were before.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... do <b>not</b> make my own living circumstances worse than those of others.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... do <b>not</b> make my position in life worse than it was before.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... improve my living circumstances in comparison to others.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... improve my living circumstances compared to what they were before.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... do <b>not</b> affect my living circumstances more negatively than those of others.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Survey Completion  
0%  100%

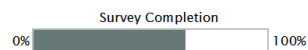


### Q15. Geographical scale

*Changes in agriculture might have local, regional (in England), national (in the UK), or global impacts. Here we would like to know how important or unimportant you find the following statements for the justice of agricultural change:*

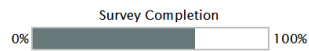
Potential consequences of the change for...

	Very unimportant	Unimportant	Somewhat unimportant	Neutral	Somewhat important	Important	Very important
... all countries in the world are taken into account.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... the UK as a whole are considered.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... England are considered.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... local areas are taken into account.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>





	Strongly disagree	Disagree	Somewhat disagree	Neutral	Somewhat agree	Agree	Strongly agree
... those who put more effort into the change receive more of the benefits of the change.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... support to adapt to the change is only provided to those who need it.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... it distributes the costs and benefits of the change so that everyone carries the same costs and benefits.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... everyone receives the same amount of benefits from the change, regardless of their circumstances.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>





Agricultural consultants	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stakeholders focussing on food processing and packaging	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Local authorities (e.g. borough councils, county councils, district councils)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Commoners (people who have the right to let their livestock graze on common/shared land)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
				To a moderate extent	High	Very high	Highest priority
Stakeholders focussing on historical heritage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
General society	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stakeholders focussing on social wellbeing of farmers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other, namely: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>


### Q17b. Societal inclusion

Similarly, specific groups in society may also be affected by agricultural change.

Similarly, specific groups in society may also be affected by agricultural change.

*In order for agricultural change to be just, to what extent should the interests of the following societal groups and the way they may be affected by the change be taken into account?*

	Not at all	Very little	Little	To a moderate extent	High	Very high	Highest priority
Women	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ethnic minorities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Children/Youth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Disabled people	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Religious minorities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Men	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Transgender	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other, namely: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Survey Completion  
0%  100%




### Q18. Stakeholder involvement

Here we are interested in your opinion on how much the government should include stakeholders in the process of guiding agricultural change. Please indicate the extent to which you agree or disagree with the following statements:

For agricultural change to be just, the government needs to ...

	Strongly disagree	Disagree	Somewhat disagree	Neutral	Somewhat agree	Agree	Strongly agree
...invite stakeholders to give advice on what decisions the government should take.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...actively include stakeholders in setting the goals for change.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... invite stakeholders to express their views on government decisions before the decisions are taken.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... involve stakeholders in the decision-making and implementation of decisions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...make decisions jointly with the stakeholders.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... inform stakeholders about the decisions government is taking.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Survey Completion  100%






### Q19. Knowledge types

*Here we like to know your view on what type of knowledge the government should take into account when making decisions on the goals of agricultural change and the ways in which to achieve those goals.*

In order for the change to be just, please indicate how much or little the government should take these types of knowledge into consideration.

	Not at all	Very little	Little	Moderate	High	Very high	Highest priority
Knowledge that is generated through the use of scientific methods.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge based on everyday experience, adapted to the local culture and environment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other, namely: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Survey Completion  
0%  100%





... those stakeholders who do not have sufficient resources to take part receive support to participate.

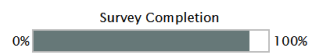
... everyone's views are taken into account in the same way.



**Q21. Justice of agricultural change**

Finally, how important or unimportant is it to you that change in agriculture and agricultural policy is just?

- Very unimportant
- Unimportant
- Somewhat unimportant
- Neutral
- Somewhat important
- Important
- Very important



**Q22.** Thank you very much for your participation!

We are aware that it has taken time for you to answer our questions. You may also have thought that some of the questions were difficult to answer or may have questions of your own. We are therefore grateful for your feedback on the survey. Thank you.

Survey Completion  
0%  100%



We thank you for your time spent taking this survey.  
Your response has been recorded.