

Survey for workshop SOA17 T2.1 criteria

Fields marked with * are mandatory.

Consent



European Partnership on
Animal Health and Welfare

Development of a shared methodology based on a multi-criteria assessment of sustainability

Dear Participant,

I would like to welcome you to take part in a study for the EU Partnership on Animal Health and Welfare.

Purpose of the study

This study aims to create a framework for multi-criteria assessment of sustainability, including animal welfare, which can be applied to livestock farming systems.

About us

The EU Partnership for Animal Health and Welfare (PAHW) is a co-funded partnership which is part of the Horizon Europe 2023-2024 work programme. It represents a new approach towards identifying research priorities that meet EU policy objectives, to strengthen cooperation between public research and innovation entities, and other stakeholders such as the animal health industry. The vision of the PAHW is to provide society with reassurance on the control of infectious animal diseases using antimicrobials prudently, ensure that animal welfare (AW) is respected and improved, and contributing to sustainable livestock farming systems and the

protection of public health and of the environment.

Animal Welfare and Sustainability

Improved animal welfare is part of a transition to more ethical and sustainable farming systems as emphasized in the EU Farm-2-Fork strategy. However society also requires a minimum negative environmental impact and even that livestock should deliver ecosystem services such as contributing to enhancing low emissions, sequestration of ammonia emission production and carbon in soil, and/or eating waste products from production of green proteins for human consumption. In addition, all these societal demands will not be met without an economically viable sector, and production systems that provide attractive working conditions.

Existing tools to assess livestock systems sustainability usually include environmental, social and economic indicators, but objective, animal centric measures of AW are often not incorporated, or minimally considered. Integrating animal welfare into sustainability assessment will help us understand how animal welfare influences and is influenced by sustainability. To achieve this, a framework including the essential sustainability and animal welfare components must be created.

What will the study involve?

This study consists of two surveys. The surveys are open to experts in animal welfare and sustainability. You can respond to either or both surveys regardless of what you have previously responded to.

Do you have to take part?

For this first step we are interested in your views on the most important components and criteria of sustainability. Once the survey has been completed, you will be unable to withdraw from the project as your data will not be traceable back to you. You are under no obligation to participate further in the project if you prefer not to. We will strictly comply with GDPR. Data collected in the survey will only be used for the purpose described above.

Will your participation in the study be kept confidential?

Your personal information (workplace and role) will be kept strictly confidential and will not be shared beyond the Teagasc team working on this project.

Information concerning personal data

It should be noted that personal data will only be used for the purpose of the study, will be stored securely by Teagasc and not shared outside of the organisation. Only the minimum amount of personal data necessary will be collected and it will be stored for the minimum period of time

required. The Teagasc Data Protection Officer may be contacted at DPO@Teagasc.ie at any stage. A copy of Teagasc's privacy policy is available at <https://www.teagasc.ie/media/website/publications/2018/Data-Privacy-Notice-A5-4pp.pdf> which provides further information about how Teagasc will process your personal data in connection with the study.

What will happen to the information which you give?

The personal information you provide as part of this survey will be kept confidential from third parties. The anonymized data will be shared within the EUPAHW group and will be deposited in an open data repository (Teagasc Data Value Platform) so it can be shared and used for learning and potentially reused for future research

What will happen to the results?

The results from this study may be reported and disseminated in academic publications, at conferences, in internal reports, newsletter and via social media channels.

Future publishing, archiving and reuse of the data

The anonymised data, which will contain no personal information and which is not possible to trace back to you, will be deposited in an open data repository (Teagasc Data Value Platform) so it can be shared and used for learning and potentially reused for future research.

What are the possible risks of taking part?

There are no anticipated risks associated with taking part in this study, but if you have any concerns please contact keelin.odriscoll@teagasc.ie

Who has reviewed this study?

Ethical approval for this study has been attained by the Teagasc Social Science Ethics Committee.

Any further queries?

If you have any further questions please feel free to contact Keelin O'Driscoll at keelin.odriscoll@teagasc.ie

Please read the following statements and indicate below if you agree to participate in the study:

- I consent voluntarily to being a participant in this study. I understand that if I agree to participate now, I cannot withdraw my data after completing the survey, as the data will no longer be linkable back to me.
- I have been given sufficient information about this study and have read and understood this information.
- I understand that all information I provide in this study will be treated confidentially.
- I consent to the use of the data in this study to be used in research and in the further development of the EUPAWH project.
- I understand that personal information collected about me that can identify me will not be shared beyond the study team.
- I understand the project my data is being used for may generate results or outputs that could be commercialised, however, my personal data will not be commercialised in any way without my explicit permission.
- I give permission for the anonymised data I provide to be deposited in an open data repository so it can be shared and used for learning and potentially reused for future research.

*Do you understand and consent to your responses being used as described above?

- ☐ Yes
- ☐ No

About you



European Partnership on
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What is your workplace? (e.g., university, non-governmental organisation, research institute, etc.)

What is your role?

Which sustainability dimensions are you answering for?

- ☐ Economic
- ☐ Environmental
- ☐ Social
- ☐ Animal welfare

Sustainability dimensions



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In your opinion, what is the relative contribution (%) of each of the four dimensions to overall **agri cultural** sustainability?

	Percentage
Economic	
Environmental	
Social	
Animal welfare	

In your opinion, what is the relative contribution (%) of each of the four dimensions to **livestock farming** sustainability?

	Percentage
Economic	
Environmental	
Social	
Animal welfare	



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This section aims to identify the most important criteria of each sustainability dimension. The table pictures below shows an example of the level of criteria we are interested in. Within each component, we have allowed for four criteria, but you do not have to provide four if you feel fewer will suffice.

Dimensions	Components	Criteria
Animal Welfare	Animal health	Mortality rate
		Number of lesions
Environmental	Land use	Water consumption
		Land use

Animal Welfare

Please fill in the table with the four most important criteria within the measure 'Appropriate behaviour' in the animal welfare dimension of sustainability, in your opinion.

	Appropriate behaviour
Criteria 1	
Criteria 2	
Criteria 3	
Criteria 4	

Please fill in the table with the four most important criteria within the measure 'Animal health' in the animal welfare dimension of sustainability, in your opinion.

	Animal health
Criteria 1	
Criteria 2	
Criteria 3	
Criteria 4	

Please fill in the table with the four most important criteria within the measure 'Appropriate nutrition' in the animal welfare dimension of sustainability, in your opinion.

	Appropriate nutrition
Criteria 1	
Criteria 2	
Criteria 3	
Criteria 4	

Please fill in the table with the four most important criteria within the measure 'Appropriate environment' in the animal welfare dimension of sustainability, in your opinion.

	Appropriate environment
Criteria 1	
Criteria 2	
Criteria 3	
Criteria 4	

Please fill in the table with the four most important criteria within the measure 'Mental state' in the animal welfare dimension of sustainability, in your opinion.

	Mental state
Criteria 1	
Criteria 2	
Criteria 3	
Criteria 4	

Please fill in the table with the four most important criteria within the measure 'Profitability' in the economic dimension of sustainability, in your opinion.

	Profitability
Criteria 1	
Criteria 2	
Criteria 3	
Criteria 4	

Please fill in the table with the four most important criteria within the measure 'Production costs' in the economic dimension of sustainability, in your opinion.

	Production costs
Criteria 1	
Criteria 2	
Criteria 3	
Criteria 4	

Please fill in the table with the four most important criteria within the measure 'Product quality' in the economic dimension of sustainability, in your opinion.

	Product quality
Criteria 1	
Criteria 2	
Criteria 3	
Criteria 4	

Please fill in the table with the four most important criteria within the measure 'Emissions/climate change' in the environmental dimension of sustainability, in your opinion.

	Emissions/climate change
Criteria 1	
Criteria 2	
Criteria 3	
Criteria 4	

Please fill in the table with the four most important criteria within the measure 'Biodiversity' in the environmental dimension of sustainability, in your opinion.

	Biodiversity
Criteria 1	
Criteria 2	
Criteria 3	
Criteria 4	

Please fill in the table with the four most important criteria within the measure 'Water use' in the environmental dimension of sustainability, in your opinion.

	Water use
Criteria 1	
Criteria 2	
Criteria 3	
Criteria 4	

Please fill in the table with the four most important criteria within the measure 'Land use' in the environmental dimension of sustainability, in your opinion.

	Land use
Criteria 1	
Criteria 2	
Criteria 3	
Criteria 4	

Please fill in the table with the four most important criteria within the measure 'Eutrophication' in the environmental dimension of sustainability, in your opinion.

	Eutrophication
Criteria 1	
Criteria 2	
Criteria 3	
Criteria 4	

Please fill in the table with the four most important criteria within the measure 'Job perception /satisfaction' in the social dimension of sustainability, in your opinion.

	Job perception/satisfaction
Criteria 1	
Criteria 2	
Criteria 3	
Criteria 4	

Please fill in the table with the four most important criteria within the measure 'Physical and mental health' in the social dimension of sustainability, in your opinion.

	Physical and mental health
Criteria 1	
Criteria 2	
Criteria 3	
Criteria 4	

Please fill in the table with the four most important criteria within the measure 'Fair prices /income' in the social dimension of sustainability, in your opinion.

	Fair prices/income
Criteria 1	
Criteria 2	
Criteria 3	
Criteria 4	

Please fill in the table with the four most important criteria within the measure 'Contribution to local area/territory' in the social dimension of sustainability, in your opinion.

	Contribution to local area/territory
Criteria 1	
Criteria 2	
Criteria 3	
Criteria 4	

Thank you!

If you would like to be included in future discussion during which these components will be refined, you can add your email in the box below. Note that this is entirely voluntary.

Thank you for participating!

This survey was developed by members of the 'Sustainability aspects of AW-promoting livestock systems', Action of

the EU Partnership on Animal Health and Welfare. Contributing members are:

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If you have any further questions or feedback about either the survey or the partnership, please feel free to contact

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