

SUPPLEMENTARY MATERIAL

The research tool of the quantitative study carried out on Romanian farmers

1. Have you heard about bioeconomy?

- ☐ Yes (*move to Question 2*)
- ☐ No (*the survey ends here*)

2. What term do you associate the bioeconomy with?

- ☐ Biodiversity
- ☐ Ecology
- ☐ Limited resources
- ☐ Natural resources
- ☐ Rural area activity
- ☐ Renewable energy
- ☐ Others_____

3. The authorities in Romania developed official documents referring to bioeconomy. Which of the following have you heard of? (*multiple answer*):

	I heard of	I haven't heard of
Strategy for the development of the agri-food sector in the medium and long term Horizon 2020-2030	☐	☐
Romania's national strategy 2020 – 2025	☐	☐
National Research, Development and Innovation Strategy 2014 – 2020	☐	☐
The project "Research on the identification of bioeconomy development priorities in Romania for the period 2016-2030"	☐	☐
Increasing the administrative capacity of the Ministry for Business Environment, Trade and Entrepreneurship to develop and implement the evidence-based public policy system" - SIPOCA 5	☐	☐

4. On a scale from 1 to 5, how important do you consider that agriculture is for bioeconomy? (1-unimportant; 2-slightly important; 3-moderately important; 4-important; 5-very important)

1 2 3 4 5

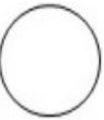
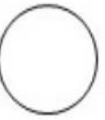
unimportant      very important

5. Do public institutions in Romania get involved in explaining bioeconomy to agricultural workers?

- ☐ Yes, I have been informed
- ☐ Yes, but I don't know details
- ☐ No, I have not been informed
- ☐ Don't know/don't answer

6. On a scale from 1 to 5, how important do you believe bioeconomy is for the economy of Romania? (1-unimportant; 2-slightly important; 3-moderately important; 4-important; 5-very important)

1 2 3 4 5

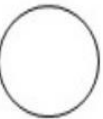
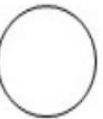
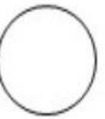
unimportant      very important

7. To what extent do you agree or disagree with the following statements:

	Strongly agree	Agree	Slightly agree/undecided	Strongly disagree	Don't know/ Don't answer
The bioeconomy will support agriculture in Romania.	☐	☐	☐	☐	☐
The bioeconomy can ensure a higher standard of living for farmers	☐	☐	☐	☐	☐
The bioeconomy contributes to protecting the environment and combating climate change	☐	☐	☐	☐	☐
The bioeconomy provides consumers with organic food	☐	☐	☐	☐	☐
Bioeconomy can be an encouraging field for young people in Romania to get more involved in agriculture	☐	☐	☐	☐	☐
The bioeconomy is a new model of life, activity and a successful way to ensure food for the population in the future	☐	☐	☐	☐	☐
Romania needs a strategy dedicated to the bioeconomy	☐	☐	☐	☐	☐

8. On a scale from 1 to 5, do you consider that the bioeconomy can contribute to cheapening of the resources needed for agricultural activities? (1-definitely not; 2-probably not; 3-possibly; 4-probably; 5-definitely)

1 2 3 4 5

definitely not      definitely

9. From your point of view, should the bioeconomy represent more than the use of forest biomass in the process of obtaining energy?

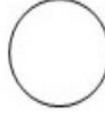
- ☐ Yes
☐ No
☐ Don't know/Don't answer

10. Regarding the role of the bioeconomy in the economic activity of Romania, how do you assess the following:

	Unimportant	Slightly important	Moderately important	Important	Very important
Involvement of public institutions in bioeconomy implementation	☐	☐	☐	☐	☐
A closer relationship between specialists and farmers	☐	☐	☐	☐	☐
Informing farmers about how to create a symbiosis between agriculture and the bioeconomy	☐	☐	☐	☐	☐

11. Do you believe that bioeconomy can contribute to Romania's economic development? (1-not at all; 2-very little; 3-little; 4-moderately; 5-a lot)

1 2 3 4 5

not at all      a lot

12. In your activity, have you allocated a part of the investment budget in the reuse or recycling of agricultural waste? If yes, please specify the average annual amount.

13. In the process of implementing the bioeconomy concept in Romanian agriculture, it is necessary to increase funding from:

- ☐ Public authorities in Romania
☐ European Commission
☐ Romanian private investors
☐ Foreign private investors

14. What is the type of agricultural enterprise in which you operate?

- ☐ Vegetable farm
☐ Livestock farm
☐ Mixed farm (vegetable and livestock farming)
☐ Agricultural processing unit
☐ Village household
☐ Others_____

15. How many employees are there in the agricultural unit you work in?

- ☐ 0-50
- ☐ 51-100
- ☐ 101-250
- ☐ Over 250

16. What is your occupation?

- ☐ Member of an agricultural association
- ☐ Farmer
- ☐ Householder
- ☐ Seasonal employee in agriculture
- ☐ Other_____

17. Residency environment:

- ☐ Urban
- ☐ Rural

18. Please specify the town where you operate.

19. What level of education do you have?

- ☐ Middle school
- ☐ Secondary school
- ☐ Faculty
- ☐ Post-secondary school
- ☐ Masters
- ☐ Doctorate
- ☐ Others_____

20. Do you have studies in fields specific to agriculture?

- ☐ Agricultural high-school
- ☐ Faculty of Agronomy
- ☐ Specialization courses in the agricultural field
- ☐ Post-secondary school in agriculture
- ☐ No
- ☐ Others_____

21. Your gender is:

- ☐ Masculine
- ☐ Feminine

22. What age category do you fall into?

- ☐ 18-24 years old
- ☐ 25-34 years old
- ☐ 35-49 years old
- ☐ 50-64 years old
- ☐ Over 65 years old

Thank you!