



Informed consent

The La Galigo foundation is a Dutch foundation that started a project in Sulawesi, Indonesia in order to provide a sustainable way of cacao farming instead of the conventional way. This sustainable way is meant to produce cacao in an agroforestry system. This system will deliver healthier crops that are more resilient against pests and diseases. At the moment The foundation is developing an educational facility and an agroforestry model garden where farmers can be trained.

The aim is to encourage the farmers to change to a sustainable way of farming with a diversity of crops so they can make profit on diverse crops and harvest in succession. By working closely with farmers, training them and let them experience the advantages of agroforestry systems, the foundation hopes it will be reason enough to make the transition and continue with it. The foundation highly values the input of farmers. With this questionnaire information about the current situation of Indonesian cacao farmers will be collected in order to create a successful education program. We appreciate your cooperation.

Before you start with the questionnaire, we want you to acknowledge that:

- Participation in this research is completely voluntary. This means that you can stop at any moment without consequences.
- The information that you share with us will be processed completely anonymous and confidential. Only the La Galigo Foundation will have access to this data.
- To avoid distractions as much as possible, please try to complete the entire survey in a single sitting without taking any breaks.
- The questionnaire consists of **50 questions** and the majority of them are open-ended. Therefore, please take your time to answer the questions and write the answers as complete as possible. For example answering not only “yes” or “no ” but consider also “why”. Obtaining more information is very valuable for our research.
- It will take approximately 30 minutes to complete the questionnaire.
- The purpose of this study is to gain insights of the current situation of cocoa farmers so that La Galigo Foundation can take this into account when we develop a model to implement agroforestry.

We hope that you are well informed. If you have any questions, feel free to ask them anytime during the survey. In addition, if you have any questions regarding this study at a later point in time, you can email the question to info@lagaligofoundation.com or call/WhatsApp +31 6 19472969. Please fill in your name and signature below, to confirm that you read and understood the above consent form and are willing to participate in this study.

Thank you and good luck!

Onno Leusink (intern)
On behalf of La Galigo Foundation

Name participant:

Signature participant:



Questionnaire

Name:	
Age:	
Gender:	
Village:	
District	

Introduction

1. What is your ethnic background?

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2. Why did you become a farmer?

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3. Do you earn enough money to live on?

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4. What things do you like about your job and what things do you dislike about your job?

Like:
Dislike:

5. How would you describe your ideal working and living environment?

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6. Where would you prefer to life, in rural or urban area? Please comment why.

Urban/rural	Comment:
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7. How many members does your household have?

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8. Is your community in good health, safety and security?

Yes/No	Comment:
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9. Do you understand and practice sustainable management, natural resources and biodiversity conservation?

Yes/No	Comment:
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10. Who in your community needs the most attention? For example: women, children, elderly people etc. Please consider other examples than are written above.

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11. Are you a member of a farmers' association or cooperative?

Association/Cooperative	Other, namely:
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12. Is your farm certified?

Yes/No	If yes, what kind of certification?:
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13. What is the status of land tenure?

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14. Does your farm work with a business plan?

Yes/No	Comment which business plan:

15. Who manages the agricultural finances?

For example: father, mother, husband, wife etc. Please consider other examples than are written above.

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16. Do you notice effects of climate change in your farm

Yes/No	Comment:

**The following questions are related to the statement:
“How do you work in agriculture?”**

17. Is it easy to get plant material (clones/seeds), fertilizers, pesticides and tools close to your farm?

Yes/No	Comment:

18. Do you have major problems with pests and diseases? if yes, which pests and diseases did you observe?

Yes/No	Comment:

19. What strain of cacao are you growing on your farm and is this strain resistant to pests and diseases?

Strain type:	Resistant to:
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20. What is the size of the land you cultivate cacao on?

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21. Which crop is typical for the region where you live?

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22. Which crops (trees and plants) other than cacao are cultivated in your farm? Name as many as possible.

1:	11:	21:
2:	12:	22:
3:	13:	23:
4:	14:	24:
5:	15:	25:
6:	16:	26:
7:	17:	27:
8:	18:	28:
9:	19:	29:
10:	20:	30:

23. Do you also sell crops other than cocoa? If yes, which crop(s) do you sell?

Yes/No	Comment:



24. Can you list the top of most useful plants other than cacao and comment on the positive or negative effect of this plant

Plant name	Positive or negative effect
1:	1:
2:	2:
3:	3:
4:	4:
5:	5:

25. What is the age of your cacao trees?

26. How many productive cacao trees do you have per hectare?

27. What is the average distance between the cacao trees in meters?

28. Do you make use of shade trees (trees with main purpose to give shade)? If yes which species? For example quickstick (gamal) (*Gliricidia sepium*)

Yes/No	Species:

29. Water source for irrigation on the farm in dry periods for example river, stream or water well.

Water source:	Water quality:	If the water quality is poor explain why:

30. What kind of soil do you have on your farm and is it fertile enough?



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**The following questions are related to the statement:
“How is the employment arranged?”**

36. How many hours, on average do you work in the garden per day?

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37. Do you work alone or with others?

Alone/not alone	Comment with whom:

38. How many rest days do you have in a week?

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39. How many hours you spend on household chores a day?

For example: bringing kids to school. Please consider other examples than is written above.

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40. Do young people live nearby to work on the farm?

Yes/No	Comment:

41. Do you think you need training in agricultural techniques such as agroforestry?

Yes/No	Comment:

42. Is there interest amongst young people to work in agriculture?

Yes/No	Comment:



43. Are there problems finding people to work with?

Yes/No	Comment:
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**The following questions are related to the statement:
“Post harvesting approach”**

44. What is your average yield per hectare in dried cacao beans?

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45. Do you ferment cacao beans?

Yes/No	Comment:
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46. Are you willing to ferment cacao beans?

Yes/No	Explain why:
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47. Are you interested in selling wet cacao beans?

Yes/No	Comment:
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48. Do you sell your product for the local market or to the global market? And what are advantages/disadvantages?

Global market/ local market	Advantages global market:
	Disadvantages global market:
	Advantages local market:
	Disadvantages local market:

49. To who are you selling your cacao beans and do they pay a stable price?



Name of buyer:	Selling price per kg:
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50. General comments or suggestions for current study.