

### ***The Project for Smallholder Horticulture Farmer Empowerment through Promotion of Market-Oriented Agriculture (Ethio-SHEP)***

#### **PROPOSAL OF SELECTING Ethio-SHEP IMPLEMENTING WOREDAS**

The proposal for selecting Ethio-SHEP implementing Woreda has four main considerations: **Motivation, Resources Availability and Mobilization, Geographical Conditions and Socio-economic Considerations.** You are requested to provide information on your Woreda using the format given by ticking in the appropriate box or filling in the blank spaces.

#### Background Information

- i.) Name of Zone :-----
- ii.) Name of Woreda :-----  
       Name of Proposed Kebele / Scheme :-----
- iii.) Distance from Woreda Center (km) :-----  
       Size of the Woreda (km<sup>2</sup>) :-----
- iv.) Number of Administrative Units:  
       - Number of Kebeles :-----  
       - Number of Extension Workers :-----
- v.) Number of Horticulture expert  
       - Woreda Level :-----  
       - Kebere Level :-----

#### **I. Motivation and Resource availability**

1. Do you want to implement Ethio-SHEP approach in your woreda? YES  NO   
 If the answer is yes, then proceed, but if the answer is no, then you don't need to proceed.

Please write what contributing and inhibiting factors from having determined this percentage of success.

#### Contributing factors

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#### Inhibiting factors

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2. What is your confidence to success if you use SHEP approach in your woreda? -----%



8. Please identify the following challenges in each section.

1) Vegetable Crop Production

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2) Marketing

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3) Extension

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9. Agricultural Projects/Programmes in the Woreda: in the table below, please indicate major projects/programmes for the last 5 years. Please tick (✓) in the far right column of the table below, if the Projects / Programmes have potential to work with SHEP project.

Name of Project/ Programme	Main Activities	Implementation Area (Zone / Woreda)	Focus Area/ Enterprises	Number of Groups	Date of Completion	Tick (✓) which involves the Woreda directly

10. (1) Extension Staff: Please provide the information on numbers of farm households and extension staff at Kebeles levels.

Name of Proposed Kebeles	No of plant science expert	No of animal science expert	No of natural resource expert	No of irrigation agronomist	No. of Farm Households		
					Male HH	Female HH	Total

(Office use: Ratio No of HH / No of Experts \_\_\_\_\_ )

(2) Availability of functional office equipment in the Horticulture department, Woreda Agriculture Office

Type of Equipment	Quantity
1. PC (desk-top, lap-top)	
2. Internet access	
3. Printer	
4. Photocopier	
5. Camera	

11. Motor Vehicle/Motor Cycle Availability: please indicate the number of motor vehicles/motorcycles which are in good condition for extension activities.

1) The number of vehicle in good condition in the Woreda. :-----

2) The number of motorcycle in good condition in the Woreda. :-----

(Office use: No / woreda exp. Ratio \_\_\_\_\_ )

3) The number of motorcycle and bicycle in good condition in the proposed Kebere.

Motorcycle:-----, Bicycle:-----

(Office use No / kebere exp. Ratio(bike) \_\_\_\_\_, bicycle \_\_\_\_\_ )

### Financial Resource Mobilization

12. Is the Woreda Agricultural Office willing to implement Ethio-SHEP activities under regular extension services? YES  NO

13. Is the Woreda Agricultural Office willing to indicates any Ethio-SHEP related activities into their regular reporting system? YES  NO

14. Stakeholder Forum

1) Do you have woreda stakeholder forum in agriculture? YES  NO

2) If the answer is yes, please explain what the forum is like, including actual frequency of the meetings, organisers and funding.

Name of the forum	Description (purpose, participants, agenda)	organizer	funding	Frequency (monthly, quaterly, once/twice a year)

## II. Information about Irrigation schemes and a potential target group

15. Information for irrigation schemes

(1) Please write the name of irrigation schemes, the current condition of the scheme, distance and accessibility. Please tick (✓) the 1 (one) proposed scheme for the SHEP project

Name of irrigation scheme (indicate modern or traditional scheme)	The current condition of the irrigation scheme 5: Well maintained 3: planning to maintain 1: Not maintained	Distance from Woreda office (km)	The size of the irrigation scheme (ha)	Size of the average irrigated land per HH (ha)	Road condition from the scheme to the main road a) Asphalt, b) gravel but can access all year round, c) not accessible during the rainy season) Write a), b) or c)	Please tick (✓) the proposed scheme for the SHEP project

(2) Please write the reason for proposing this scheme to SHEP project.

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16. Information about WUAs in the Woreda

(1) What is the number of Water Users Association under the proposed scheme? \_\_\_\_\_

Name of the proposed target WUA in the District	Established year	What % of the farmers in proposed WUAs grow vegetables (%)	Total No. of proposed WUA members	
			M	F

(2) Please write the reason for proposing this WUA (accessibility, better market access, high potential or motivation to improve the current situation)

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(3) How many years of experience do the proposed WUA’s farmers have the **vegetables** production? \_\_\_\_\_ years

(4) Do they have experience in group marketing of vegetable crops? YES  NO

(5) Have they ever maintained their irrigation canal? YES  NO

(6) What percentage of women are involving in vegetable production in the area? \_\_\_\_\_%

(7) Are there any places where the woreda can organise training (FTC, school) YES  NO

(8) Is there any place which is suitable for nursery management? YES  NO

(9) Frequency of production and basic cultivation schedules in the year (Once or Twice per year), and the percentage of their field allocation to crop production including cereal production. Please also indicate which variety (hybrid / local) they grow and what kind of inputs (NPS, DAP, UREA) they use. Please also tick the column (✓) if they apply manure.

Months	4	5	6	7	8	9	10	11	12	1	2	3	Variety (Seed)	Fertilizer	Manure	% of the area allocated to crop production
Ex.Onion					S		T	→	H	M			Bomby red	NPS,Urea		30%
Ex.Wheat			S	→	H								local	NPS	✓	70%

Legend: S: sowing, T: transplanting →: Growing, H: Harvesting M: Marketing

(10) Please write the number of self-help group (formal/informal) in the proposed kebele, e.g. agribusiness, micro-finance, and saving and credit group.

Types of self-help group (community group)	No. of community groups	No. of Associations	No. of Cooperatives


### III. Geographical Conditions

#### 17. Climatic Conditions

(1) Rainfall: please provide information in the table below.

Name of District	Mean Annual Rainfall in last 5 Years (mm)				
	2018	2017	2016	2015	2014

(2) Weather conditions: Please provide the information about temperature (°C) (2017/2018) and other weather-related risks (frost, flooding, waterlogging, water shortage) in the table below.

Month	Maximum	Minimum	Weather-related risk (frost, flooding, waterlogging)
April 2018			
May 2018			
June 2018			
July 2018			
August 2018			
September 2018			
October 2018			
November 2018			
December 2018			
January 2019			
February 2019			
March 2019			

3) Relative Humidity (%):-----

18. Altitude (in meters above sea level)

Highest point:----- Lowest point:-----

19. Soils

1) Predominant Soil Type: (Irrigated land) -----

2) Predominant Soil pH: (Irrigated land) -----

20. How many farming households are engaged in irrigation farming by any means? Please write perceived percentage of those farming households among all farming households in the woreda.

-----%

21. What is the source of water for irrigation in farmers? Please write the perceived percentage of the source of water in the list.

(1) Permanent Rivers/Streams-----%, Lakes-----%, Springs-----%, Dams/Ponds -----%

Shallow wells -----%, Engine pump -----%, Other -----% (-----)

#### IV. Socio-economic Considerations

##### 22. Major agricultural enterprises

The main crop grown in the area (woreda), their field size (ha), production amount, and their average price per quintal in 2017/2018. Agricultural enterprises include any category of crops such as wheat, teff, potatoes, tomato, kalia, maize etc.

Crops	Area (ha)	Total Production (kg)	Average price / kg

23. Fill in major horticultural enterprises and production trends in the table below. You might repeat the same horticultural enterprises which you might have filled in the question 25 above.

Horticulture crops	Total Production (Tons)				
	2014	2015	2016	2017	2018

24. Source of Incomes (Woreda) (ex. Charcoal making, Timber production, farm labour, working away from home (domestic/foreign countries)

Activity	Percentage of income from each activities (%) (total 100%)
Fruits crops (coffee, avocado)	
Vegetable (potato, tomato, kalia)	
Cereal	
Charcoal making	
Timber production	



29. Farm Labor

Who is the main provider of farm labour in horticultural production? Please write your perceived percentage of the labour provision by category below

Family \_\_\_\_\_%, Hired \_\_\_\_\_%, sharing \_\_\_\_\_%

30. Security: Are there any major security concerns including wildlife/human conflicts in the woreda?

YES  NO

If yes, please explain.

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**Name of Woreda Agriculture Head Officer**

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**Signature**

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**Date**

: -----

**Stamp**

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