

# Enhancing wheat production and productivity through an Integrated Agricultural Technologies in Ethiopia

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## INTRODUCTION

### Socio-economic background of the Study

❖ Ethiopia is one of developing countries in the world with subsistence agrarian economy.

❖ Large number of population is leaving under poverty line, with daily per capita income of less than \$1.

### Role of wheat

➤ Ethiopia is the second next to Egypt in Africa in wheat production which is 4.54 million tons in 2016 (CSA, 2017).

➤ The production of wheat in the country is increasing, with fluctuation, because, the agriculture is not seaport improved technologies of wheat.

➤ Wheat is an important market oriented commodity and a major source of income for many farmers in Ethiopia; it is crucial for improving their way of life and food security of developing countries.

✓ Main challenges: **lack of market information, low quality of inputs used, weak market linkage, weak use of technology, low bargaining power of producers and post harvest loss etc**

## POSSIBLE RISKS

Possible risks	Possible mitigations
Risk averse behavior of farmers to accept the newly introduced technologies	✓ Continuous awareness creation
Illiteracy of farmers	✓ Continuous short term trainings
Poor road to transport the project team and materials	✓ Use traditional transportation mechanisms
Grievance from the rest of the society to belong the project	✓ Counseling using religious leaders according to the local culture
Occurrence of pests	✓ Applying integrated pest management(IPM) system
Problem of market	✓ Forming farmers cooperatives and link with potential market
Resistance results from past experience from failure of government promises	✓ Creating awareness and persuading beneficiaries as the project is different from government issue
Budget imbalance	✓ Call other donors by collaborating with GIZ

## OBJECTIVES

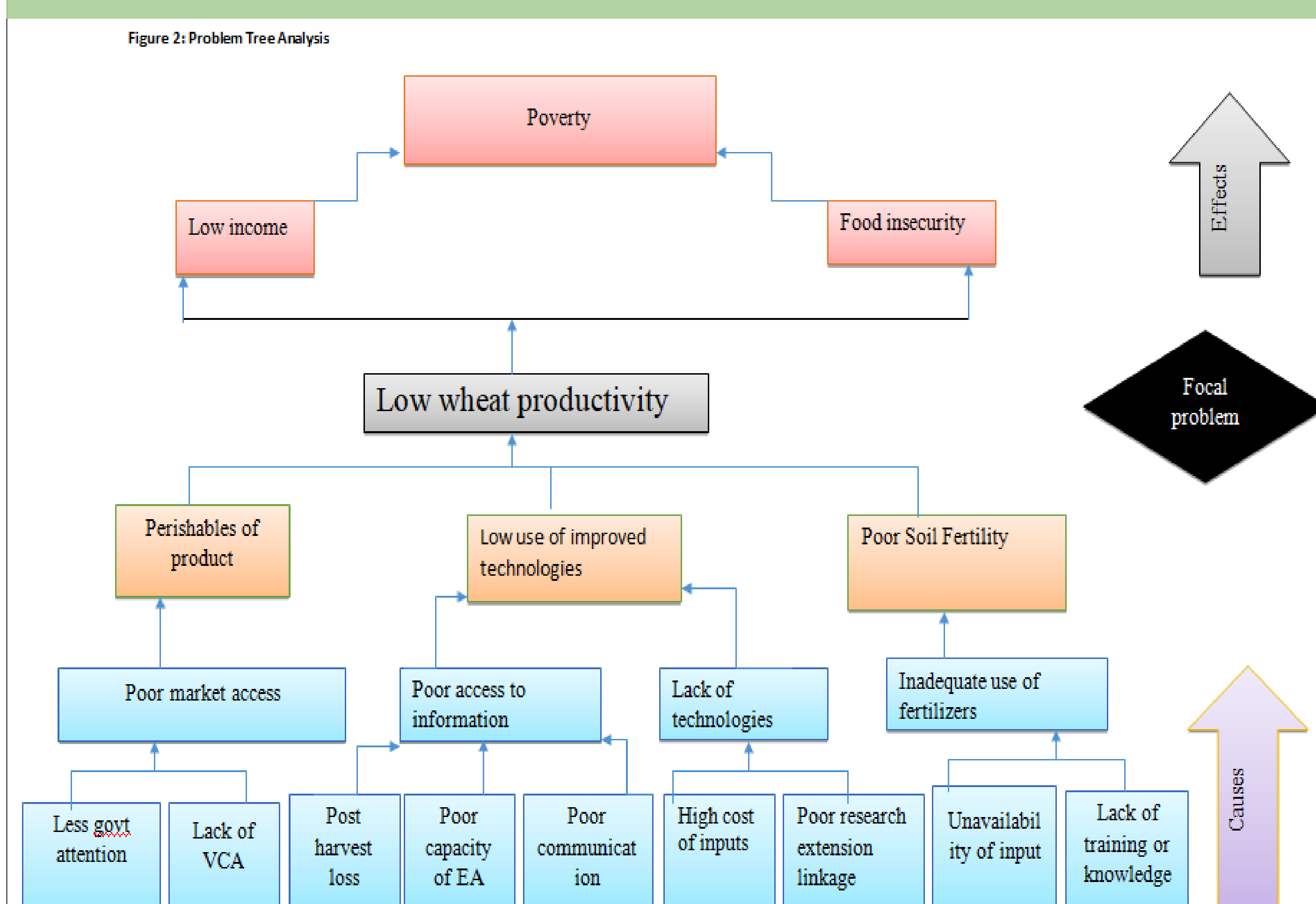
The main objective of this project **is to enhance wheat production & productivity through integrated agricultural technologies** in Ethiopia, Debre Elias District.

- To enhance adoption and adaptation of different Integrated Agricultural technologies
- To link small holder farmers with market through value chain and market development
- To reduce post harvest losses
- To increase wheat production and productivity by implementing Integrated Agricultural technologies

## EXPECTED COSTS

Cost element	Total estimated cost (€)
Stationary cost	1,068
Direct labor	28,800
Input cost	14,220
Pe-ridium	16,860
Travel and Misc.	13,752
Training cost	1,620
Project result and dissemination cost	300
<b>Total</b>	<b>76,620</b>

## PROBLEM TREE



## EXPECTED OUTCOMES

- ✓ Reduced post harvest loss
- ✓ Enhance adoption and adaptation of different Integrated Agricultural technologies
- ✓ improve awareness in smallholders on Integrated Agricultural technologies
- ✓ Creating market linkage between producers and different market agents
- ✓ Finally to increase wheat production in the country