

Improvement of linkages between research-producers in Tef VC in Ethiopia

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Introduction

Low productivity of tef, 1.85 t/ha compared to 6 t/ha at research plot due to weak value chain linkage.

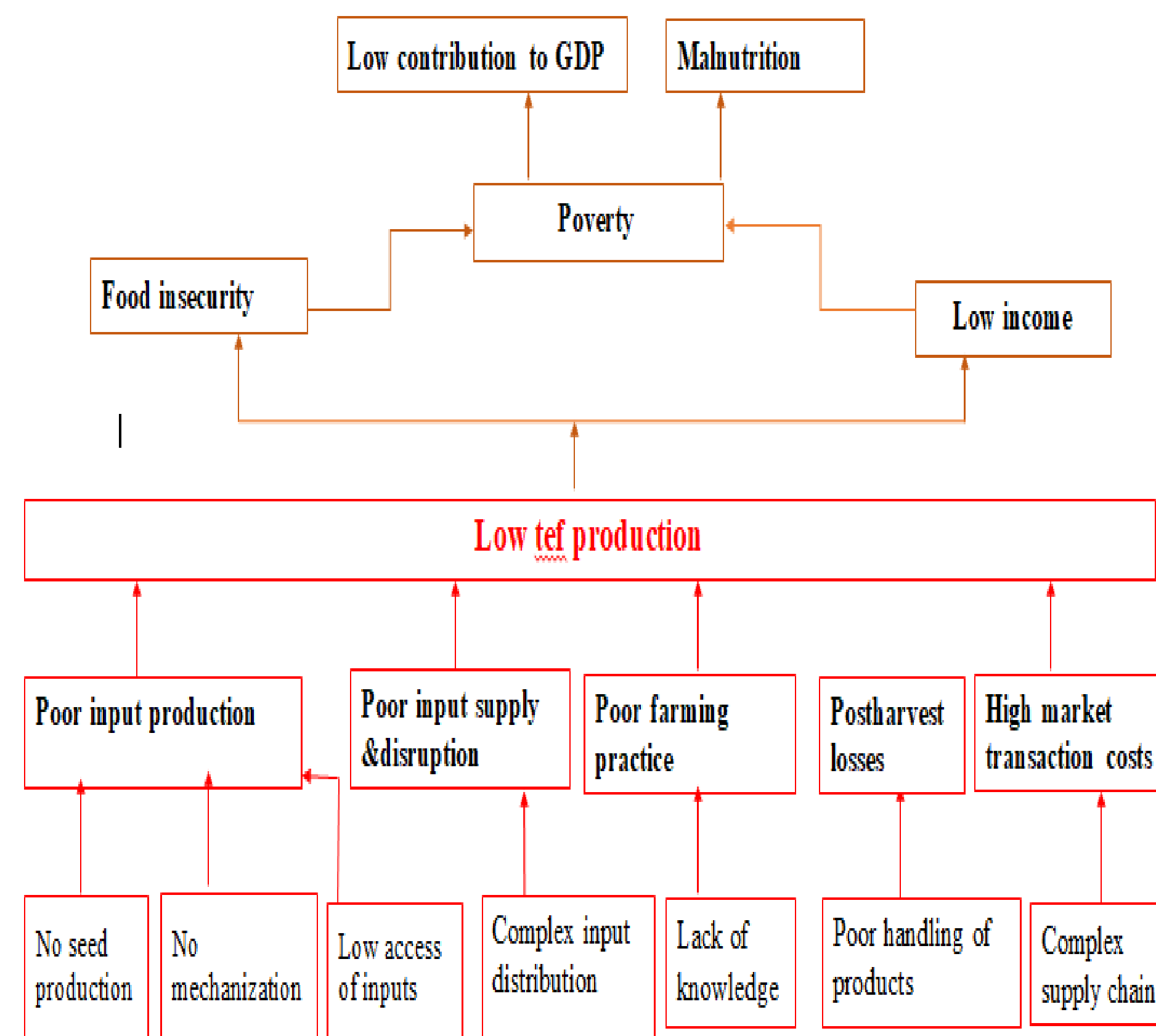
value chain affected

Weak linkage between research-producers in tef value chain

Solution approach

Improving tef value chain linkage between research-producers

Problem tree



Implementation steps/Key tasks

- Establish farmers group seed enterprise and link to Agricultural research,
- Create community warehouse Link smallholder to direct market outlets (avoid man in the middle)
- Expanding market opportunities (grading system and value addition)

Objectives

- To establish farmers union seed multiplication enterprise
- To link small holder farmers with research institute, market through value chain and direct market outlet
- To increase tef productivity and production

Conclusion

- The first interventions would be establishing farmers group seed enterprise and link to Agri.research,
- Promoting agronomic practices, such as, use of improved seeds and reduced seed rates, while also increasing access to mechanized threshers and cleaners will be done.
- Create community warehouse
- Tef value chain will be improved and link small holder farmers to direct market outlets

Expected costs

73000 €

/ Results (outputs)

- Tef productivity & production increased
- Established actionable tef value chain
- Established farmers union group seed multiplication enterprise, input shop, private crop protection
- Introduced threshers, cleaners and straw handling machines & reduced post harvest loss
- Linked farmers to research institute and direct market outlets through farmers cooperative unions
- Export tef in the future and earn foreign currency

SWOT Analysis

Strength

- Better adapted to climate extremes
- Little vulnerability to pest and diseases
- Rich in nutrition & gluten free
- Availability of improved seeds
- Many health benefits
- Availability of different Agr. Experts

Weakness

- Low productivity
- Long and complex value chain
- Limited number of traders and market outlets
- Lack of access to improved seed
- Poor extension linkage
- Poor availability of farm implements
- Export of grain is banned

Opportunities

High market demand
Excellent consumer preference
Growing interest to multiply seed
Current attention to the global market

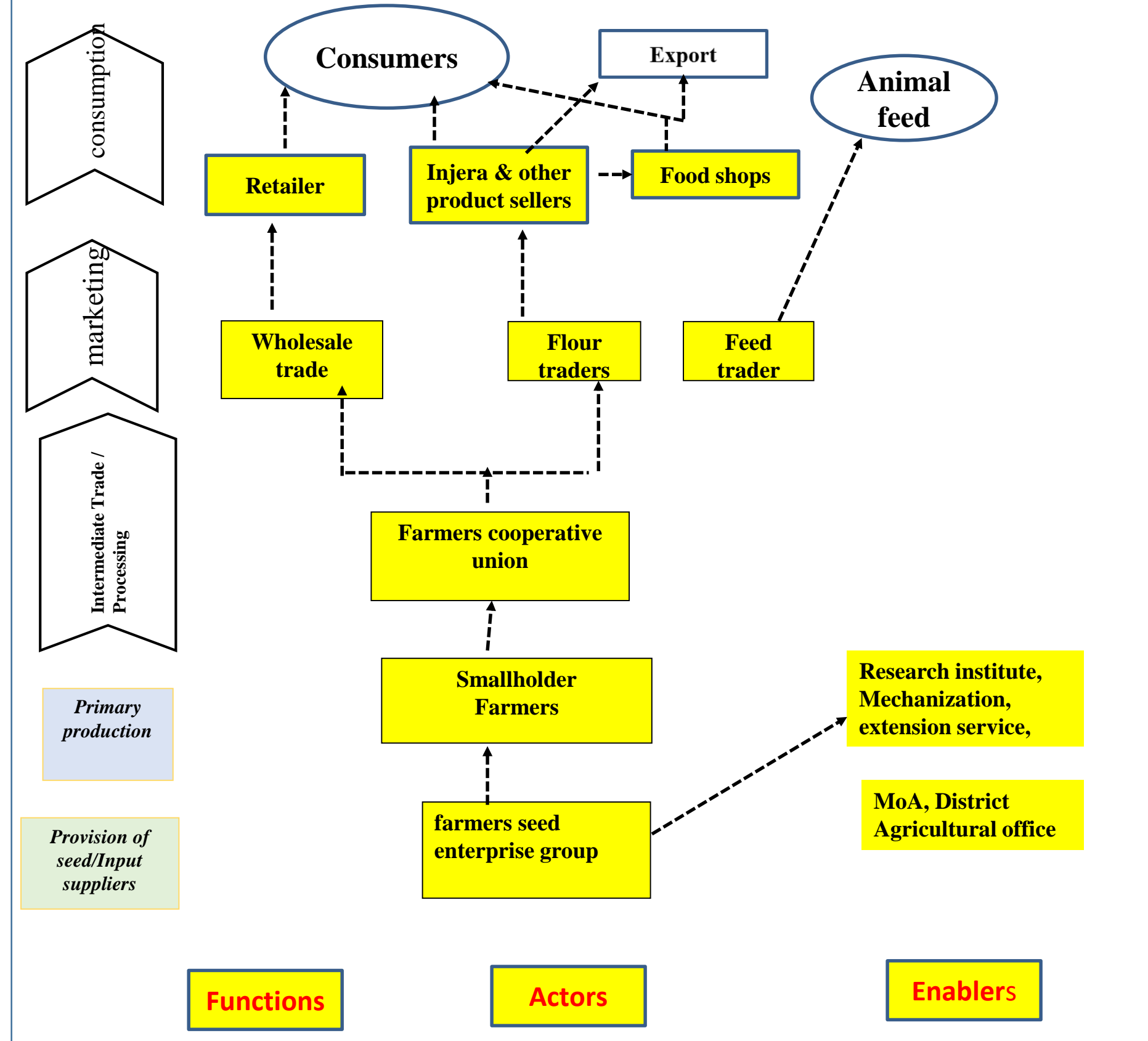
Threats

Climate change and unfavorable weather
- Emerging pest and diseases
- Low financial support to carry out research

Possible risks

- Political instability
- Unavailability of adequate funding
- Occurance of unexpected pests

New tef value chain



Expected outcome(s)

- Income of smallholder farmers increased
- Reduction in level of unemployment
- Linkage between actors is improved

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