Context

• Increasing temperatures, changes in rainfall patterns, and extreme weather events directly impact the availability and quality of forage, water resources, and overall animal health.

• Traditional sheep fattening methods, which often involve feeding animals with low-quality forage, result in inefficient digestion and higher methane emissions.

Our innovative approach

• Exploring the potential of food-feed crops, mainly barley, using its abundant by-products as viable protein sources.

• Installed integrated feed processing machines to streamline the production and commercialisation of Total Mixed Ration (TMR)

• Established Youth sheep fattening groups to demonstrate modern sheep fattening with a Community of Practice (CoP) partnership

Youth group sheep fattening: a springboard to climate-resilient farming and enhanced livelihoods in Ethiopia

Key Message: Harnessing local feed resources, resilient feed management, and modern sheep fattening techniques promote climate change resilience, sustainable livestock production, and livelihood in Ethiopia

Youth and Women Groups: Formed 44 sheep fattening groups comprising 1,098 youths, with 47% of women actively participating and demonstrating improved fattening systems.

Enhanced Feed Conversion Efficiency:

Economic Efficiency: allowing for 35% ration cost savings

Traditional Vs Improved Fattening: the improved sheep fattening system demonstrates a significant 49% increase in income compared to the traditional fattening system.

Progress/Outcomes

Occasional Feeds Conversation
November 1-2023

Enhanced Feed Conversion Efficiency:

Economic Efficiency: allowing for 35% ration cost savings

Traditional Vs Improved Fattening: the improved sheep fattening system demonstrates a significant 49% increase in income compared to the traditional fattening system.

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