

## 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

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

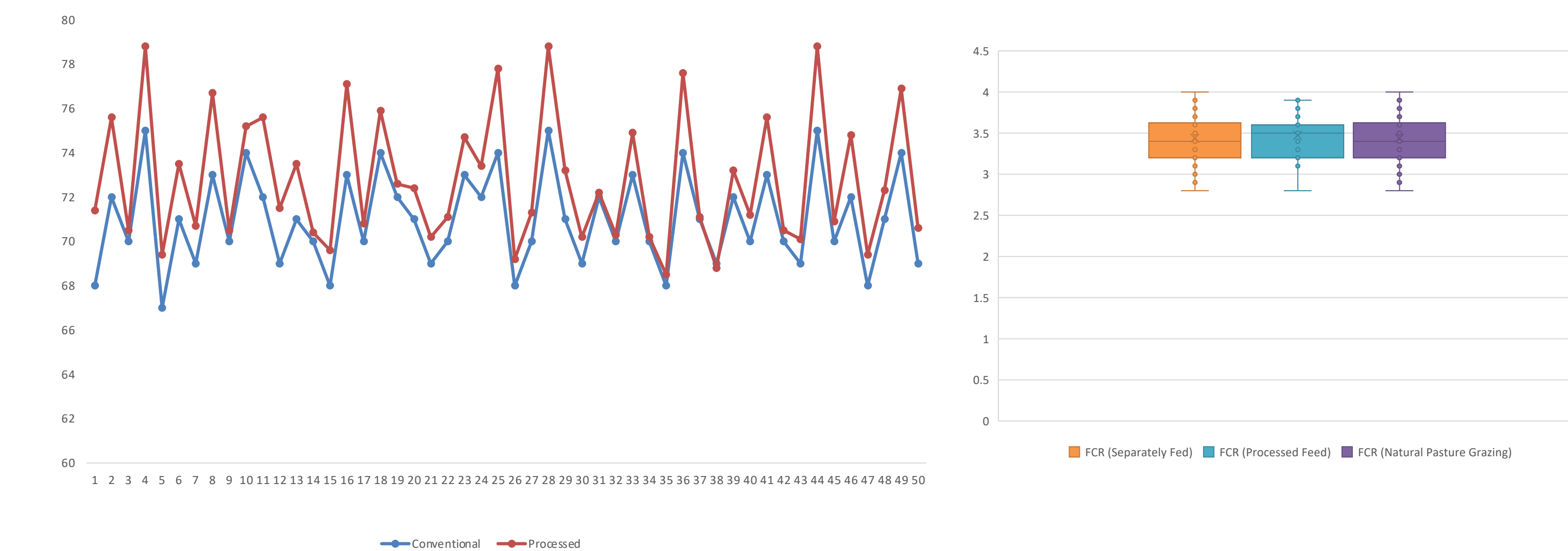


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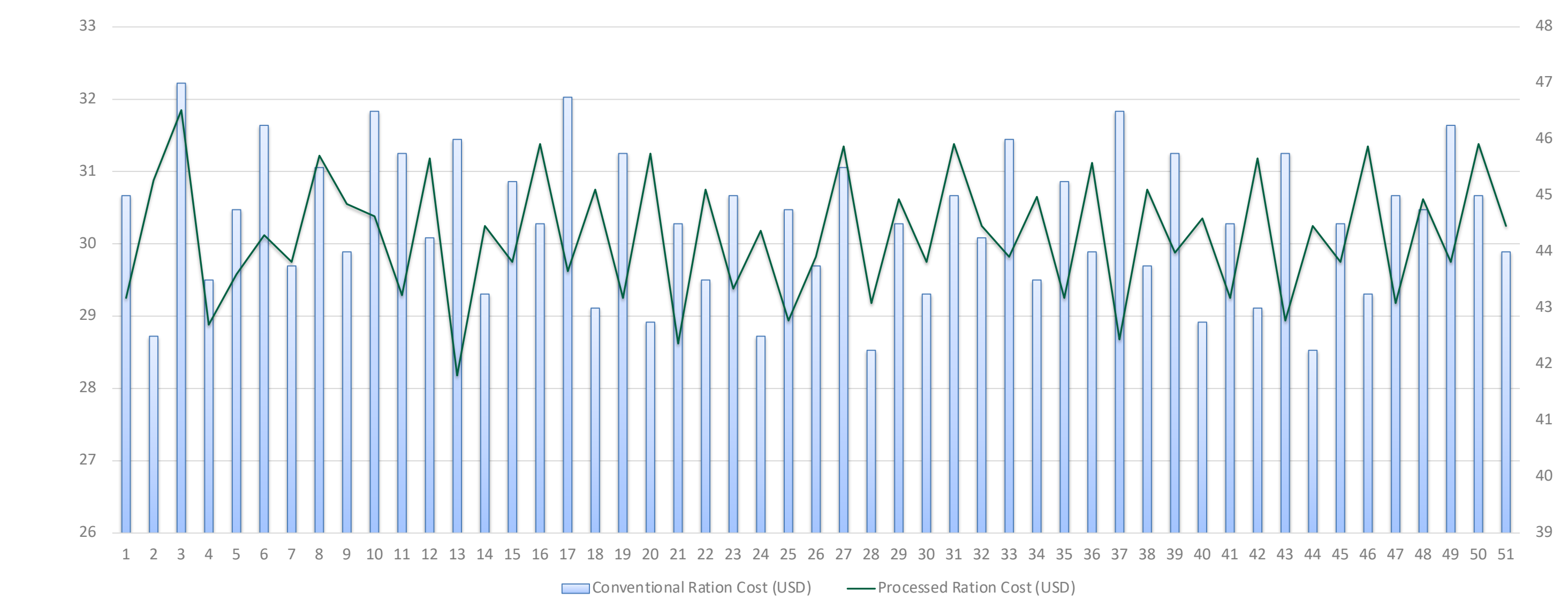
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## Progress/Outcomes

- Formed 44 sheep fattening groups with a total **1,098 youths**, of which 47% women actively participated in and demonstrated improved fattening systems.
- Feed Efficiency:** Enhanced feed utilization, with a 5 % increase



**Economic Efficiency:** allowing for **35% ration cost savings**



The improved sheep fattening system demonstrates a significant **49% increase in income** compared to the traditional fattening system.

