



FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative



ILSSI Irrigated fodder research and development: lessons from cooperative based interventions

Photo: Apollo Habtamu

01 March 2023, Washington DC



THE TEXAS A&M UNIVERSITY SYSTEM



INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE
Research solutions for ending hunger and poverty
Supported by the USAID



World Vegetable Center





IRRIGATED FODDER R4D

- Livestock an integral component of the mixed farming system in SSA
- Feed shortage a major bottleneck



Improved fodder production practices can address bottlenecks in feed quantity and quality



FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

- ILSSI has explored the potential for small scale irrigation to improve fodder production
- Where: Tanzania, Ghana and Ethiopia; with a refocus in Ethiopia in the second phase



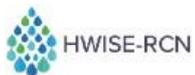
THE TEXAS A&M UNIVERSITY SYSTEM



INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE
A research center for ending hunger and poverty
Supported by the CGIAR



World Vegetable Center





APPROACHES

- Community engagements
- On-farm participatory experimentations and demonstrations
- Stakeholder mapping and capacity building
- Dairy cooperatives targeted as a gateway for scaling





FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

Interventions

Validated and packaged technologies

Capacity development

- Trainings and advisory support
- Learning platforms
- Grants to fill capacity gaps

Target groups

Dairy farmer cooperatives

Achievements

Diffusion of irrigated fodder production

Market access for milk and milk products

Engagement in forage seed business

Diversifying activities: output and input market



KEY ACHIEVEMENTS

- Productivity and nutritional improvements
- Increased awareness and interest in irrigated fodder by farmers
- Emerging market for green fodder
- Irrigated fodder competing with other crops





FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

- Enhanced capacity of coops as local value chain actors





FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

- Buy-ins from partners, committing resources to support the cooperative business model
 - State managed projects and NGOs
- Forage varieties screened for water and nutrient use efficiency
- ILSSI sites taken as learning centers by local administration



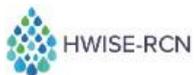
THE TEXAS A&M
UNIVERSITY SYSTEM



INTERNATIONAL FOOD
POLICY RESEARCH INSTITUTE
a research center for ending hunger and poverty
Supported by the CGIAR



World Vegetable Center





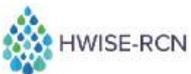
FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

- Indication of impact



Photo credit: ILRI/Apollo Habtamu





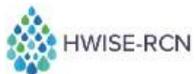
FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

- National partners



የአማራ ብሔራዊ ዘአይግ ጠቅላይ ጉዳይ ቢሮ
Amhara National Regional State Bureau of Agriculture





FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

Thank you!

