



# Photo report on landscape-based exchange visits between local partners of the Basona Worena and Lemo Africa RISING sites

11-13 May 2016  
Ethiopia



**FEED THE FUTURE**  
The U.S. Government's Global Hunger & Food Security Initiative



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# Introduction

Africa RISING in the Ethiopian highlands has been conducting on-farm action research on more than 18 crop, livestock feed, water, land management and high value fruit tree interventions. The project also carried out exploratory studies on gender, nutrition, epidemiology, technology adoption, livestock marketing and value chains. In addition to the farm level research activities, the project works on landscapes with a leading role from CIAT and in collaboration with ILRI, IWMI, ICRAF , Mekelle University and local partners.

It regularly organizes exchange visits, field-days, training and innovation platform meetings to share knowledge and share lessons. As a component of the landscape activity, the project organized an exchange visit for the Basona Worena and Lemo local partners from 11-13 May 2016 to:

1. Review whether 2015 plans have already been implemented on the ground;
2. Visit and assess farm-level action research activities and landscape soil and water conservation interventions;
3. Identify good lessons in each site and enhance adoption across sites.

Soil and water conservation activities implemented in the watershed are Biological (Phalaris, tree Lucerne, Vetiver, desho grass) and Physical (Soil bund, stone bund, stone faced soil bund, trench, cut off drain, hill side terrace, micro basin, eyebrow basin, stone and wooden check-dams, gabion and water harvesting ponds).



Introduction the collaborative watershed approach in Gudo Beret, Basona Worena





Discussing compost application by individual farmers in the watershed





Discussing where to place percolation pits and how they work in the landscape. Participants recommended to establish pits in hillsides and degraded lands





Percolation pits to collect water and provide benches to grow fruits





Trenches and land recovery after implementing landscape interventions





Micro basin to conserve water and enhance growth of trees and grasses





A farmer from Lemo closely observing how tree lucerne forms pods and sets seeds





Beekeeping managed by landless youth in the watershed





Feed troughs help reduce wastage





Briefing on how Africa RISING introduced feed storage interventions to avoid wastage





Two model farmers (Tadelech from Lemo and Desta from Basona Worena) discuss DLS and benefits gained from participation in potato action research





Lemo farmers demonstrat how enset is a multipurpose crop and potential crop for Basona Worena





Visit to the Lemo watershed at Jawe





Water harvesting pond introduced by Africa RISING in Jawe to irrigate vegetables and high value fruit trees





Feed and other high-value crops intensification and diversification at homestead of innovative woman farmer (Tadelech) in Jawe, Lemo





Visit to diversified vegetables, coffee and other root crops





A model farmer (Birhanu) from Jawe demonstrating use of solar pumps to irrigate high value crops





Farmers in Jawe, Lemo site explain Enset production to Basona Worena visitors





Farmers in Jawe, Lemo site explain Enset propagation techniques





Farmers from Lemo visiting the watershed in Gudo Beret, Basona Worena rest after a long walk





## Africa RISING CGIAR partners in Ethiopia







## Local partners- Ethiopia

- **Academic institutions:**
  - Wachemo, Mekelle, Madawolabu, Debre Berhan and Hawassa universities; Maichew Agricultural College
- **Regional research organizations:**
  - Amhara Regional Agricultural Research Institute, Southern Agricultural Research Institute, Tigray Agricultural Research Institute, Oromia Agricultural Research Institute
- **Federal research organizations:**
  - Ethiopian Institute for Agricultural Research, Ethiopian Public Health Institute
- **Offices of Agriculture:**
  - Endamekoni (Tigray), Basona Worena (Amhara), Lemo (SNNRP) and Sinana (Oromia)
- **Private entrepreneurs**
- **NGOs:** GRAD, Hundie, SOS Sahel, Sunarma
- **Agricultural Transformation Agency (ATA)**
- **Feed the Future Innovation laboratories:** ILSSI, IPM IL, Power Africa





# Credits

Produced by Africa RISING Project in Ethiopia

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Our appreciation goes to CGIAR team members and local partner organizations including farmers in Africa RISING project sites in Basona and Lemo





*Africa Research in Sustainable Intensification for the Next Generation*  
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