

THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

Side Event:

Integrated Landscape Mgmt. to Enhance Food Security and Ecosystem Resilience in Ethiopia (IAP-FS)project



Dec,2019

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Geographical Area of the Project

6 regions / 12 Sites

Administrative Regions and Zones of Ethiopia



All boundaries are approximate and unofficial.



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Background of IAP-FS project:

- ❖ **Project objective:** To enhance long-term sustainability and resilience of food production systems by addressing the environmental drivers of food insecurity in Ethiopia
- ❖ Through Integrated Landscape Management (ILM) by transforming institutions, Food production and livelihood systems.



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Project Outcomes:




Outcome 1: Multi-stakeholder and multi-scale platforms in support of integrated natural resources management in agricultural landscapes in place

Outcome 2: Policies and incentives in place at national and local levels to support smallholder agriculture and sustainable food value-chains

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Project Outcomes:



Outcome 3: Increased land area and Agro-ecosystems under Integrated Land Management and supporting significant biodiversity and the goods and services this provides

Outcome 4: Increase in investment flows to Integrated Natural Resources Management

Outcome 5: Capacity and institutions in place to monitor and assess resilience, food security and GEBs

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- ❑ **Multi-stakeholder and multi-scale platforms in support of integrated natural resources**
- **33 MSP meetings conducted at project districts**
- **31 environmental school clubs Strengthened and established**



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- **Gender and Environment**
- Mainstreaming key program socio economic and gender indicators prepared
- Detail training provided for key stake holders and implementing experts on the indicators



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Rehabilitation of degraded communal land	Plan for the year	Achievement in the year	Achievement to date
	14,998.0 ha	15,485.4 ha (103%)	40,695 ha

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Gully Reclamation



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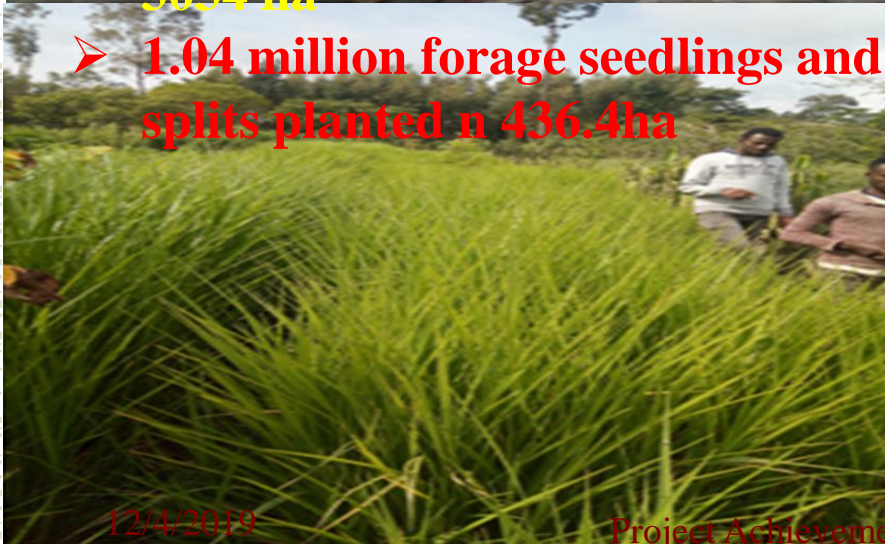


Rehabilitation of Farm Lands	Plan for the year	Achievement in the year	Achievement to date
	15,000.5ha	14,961ha(99.7%)	20,968 ha

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- **9.3 million tree seedlings planted in 3034 ha**
- **1.04 million forage seedlings and splits planted n 436.4ha**



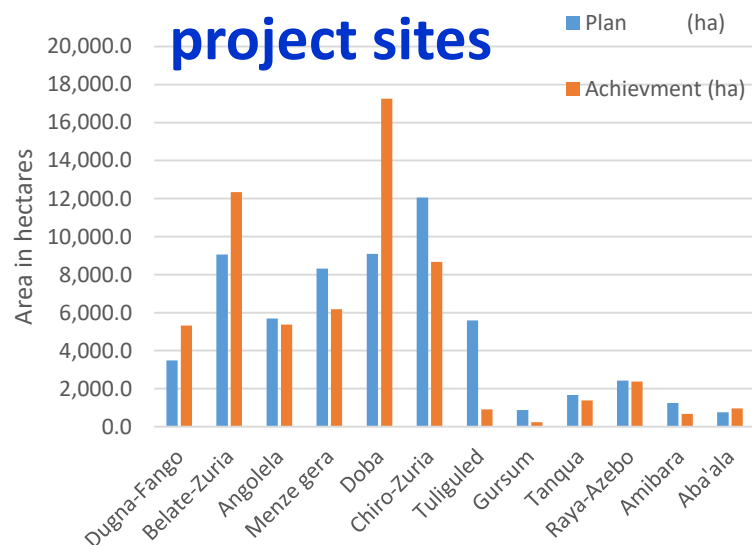
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No.	Woreda	Plan (ha)	Achievment (ha)	%
1	Dugna-Fango	3,491.0	5,321.4	152.4
2	Belate-Zuria	9,055.0	12,343.4	136.3
3	Angolela	5,683.5	5,368.4	94.5
4	Menze gera	8,314.5	6,176.4	74.3
5	Doba	9,097.0	17,249.2	189.6
6	Chiro-Zuria	12,059.0	8,668.0	71.9
7	Tuliguled	5,593.5	905.9	16.2
8	Gursum	874.5	241.9	27.7
9	Tanqua	1,667.0	1,382.0	82.9
10	Raya-Azebo	2,432.0	2,381.2	97.9
11	Amibara	1,253.5	672.9	53.7
12	Aba'ala	750.5	952.7	126.9
	Total	60,271.0	61,663.4	102.3

Plan vs Achievement of Degraded Watersheds in project sites



Project Woredas



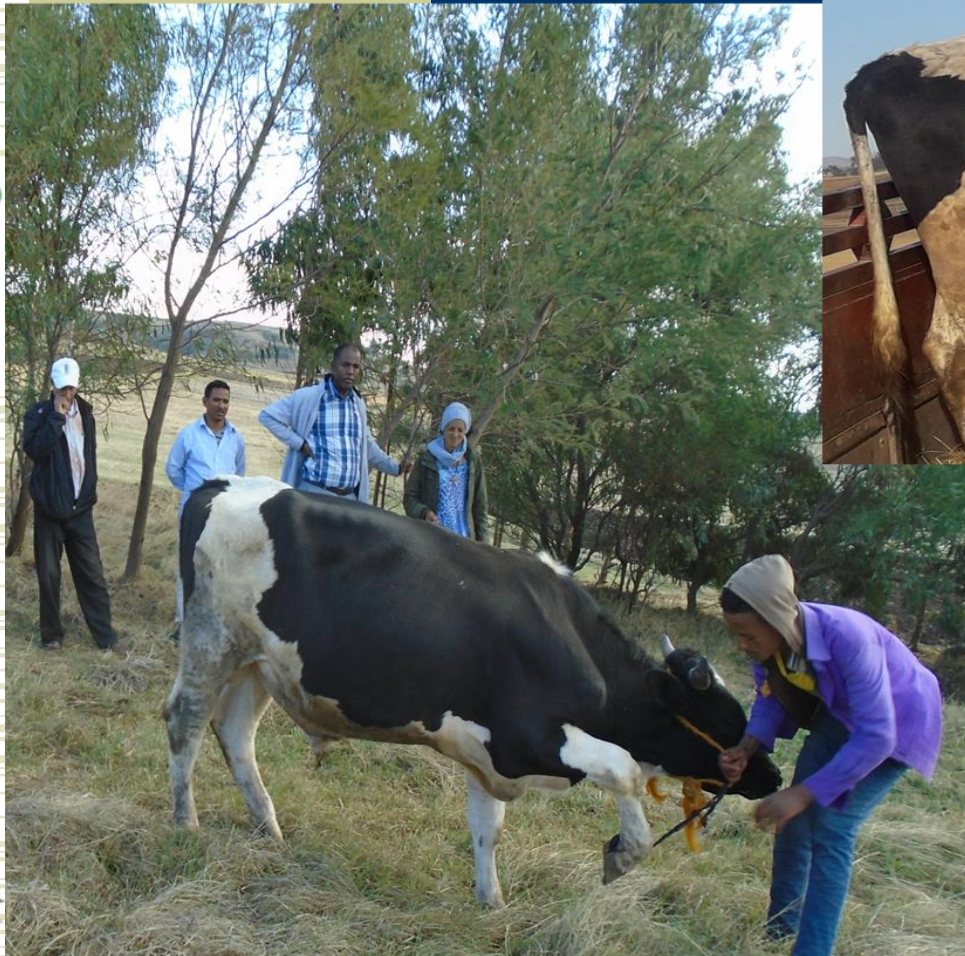
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Value chain development:

- Dairy, haricot bean, ground nut, small ruminant fattening, poultry, fish and vegetable(onion) are agricultural enterprises which have been produced and practiced for the purpose
- **3600** households (2539 men and 1061 women) benefited as producers in the value chain development



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☐ Improved Fruit Production:

- 112 339 improved seedlings (mango, avocado, papaya,
- 84 ha of land developed with fruit
- 7211 households(4813 male and 2398 female) benefited



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☐ **Improved vegetable production:**

173 Qt. improved vegetable seed provided

- 228 ha of land developed with improved vegetables

- 4320 households (2576 male 1744 female) benefited

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☐ Poultry:

- 18,923 improved breeds provided
- 2393 households (815 male 1578 female) benefited
- HHs who have 10 chicken earn an average monthly gross income of eth. birr 1200 from the sale of egg
- While organized user groups collect more than individual hhs



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- Create access to Irrigation:
474 ha developed thru construction of house hold water harvesting ponds, diversion weirs and development of springs



- **1611 hhs**(1182 male and 429 female) benefited

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Summary for: Farm livelihood diversification

- ☐ **28,700 households** (15,388 male and 13,316 female) benefited in improving their livelihoods through the provision of the following basic service
 - Improved inputs(fruit seedlings, vegetable seeds, improved crop seeds, etc.)
 - Extension service
 - Experience sharing visits



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Off-farm livelihood activities:

- Off-farm Jobs created for **3456** (813 male and 2643 female)
- 137 SHG organized
- 70% SHG linked to the local financial institutions to get greater business management and financial support
- These groups and cooperatives accumulated eth. Birr 466,364.60



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☐ Reduction of biomass fuel and promote climate smart technologies :

- 86 biogas plant constructed
- 206 solar panels installed
- 3600 fuel saving cooking stoves distributed

- Achievement :
3881 (559 male and 3322 female) benefited



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Integrated Web based GIS Embedded Ecosystem Monitoring system:

- All the necessary equipment made available
- Software installed in the machines
- System tested iteratively thru the involvement of key experts
- Assessment made on the availability of key experts at region level
- System established and officially launched
- Capacity building Training provided to woreda, regional and federal level experts
- Ethio telecom is undertaking assessment at project woredas to provide internet service



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Amhara -> Angolelanatera



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or more information

IWB&GE-IMS for Ecosystem Services Monitoring

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Lists of Sub-Systems

- Land Cover Sector
- Ecosystem Sector
- Project Performance
- Reporting By Sector

Manage Smart Phones

- SIM Card Distributed
- Phone No, Registration

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❖ **Summary**

- The project expanded to **63** communities/kebeles
- **102,516** hhs (52,283 male and 50,233 female) benefited through Integrated Landscape Management activities
- **61,663** hectares of degraded land rehabilitated through integrated landscape management technologies



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☐ **Challenges and Issues**

- Lack of timely report by few woredas (Amibara)
- High turn over of the steering committee members
- Lengthy gov't procurement process (guidelines)

Thank you !!!