

The Missing Link: Increasing Availability

 of Animal Sourced Feeds Through
 Greater Production & Marketing of
 Quality Feeds
 Feed Supply Through Cooperatives:
 FEED Experience in Ethiopia

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Soma









LIVESTOCK AND POULTRY IN ETHIOPIA:

- 80 million cattle, sheep, goats, camels in Ethiopia (40 million are cattle, half of which are for draft)
- Contribute 1/3 of ag GDP/16% of total GDP
- 90% of crop production is dependent on draft animals
- 2/3 of the population depends at least in part on livestock (11.4 million households)













		Total livestock population	Average annual feed consumption per head	Total feed needs (metric tonne/ year)	Feed resources good year (metric tonne / year)	Feed resources average year (metric tonne / year)	Feed resources bad year (metric tonne / year)
LG + agro- pastoral	Cattle	15,293,782	1860	28,446,435			
	Sheep	12,214,228	256	3,126,842			
	Goats	20,257,218	220	4,456,588			
	Camels	4,500,000	2586	11,637,000			
	Total			47,666,865	68,290,410	51,326,540	34,183,279
MRD	Cattle	14,796,872	1785	26,412,417			
	Sheep	6,048,392	280	1,693,550			
	Goats	4,578,885	190	869,988			
	Total			28,975,954	28,076,555	19,209,548	15,173,235
MRS	Cattle	23,520,401	2100	49,392,842			
	Sheep	11,098,505	275	3,052,089			
	Goats	4,115,200	220	905,344			
	Total			53,350,275	48,853,394	38,004,014	31,920,918
Total				129,993,094	145,220,359	108,540,102	81,277,432











Expanding Opportunities Worldwide



Livestock numbers 2028	LG	MRD	MRS
Cattle	16,681,866	15,947,910	33,382,159
Sheep	18,575,233	12,429,424	18,865,174
Goats	36,188,226	9,151,560	6,411,348
Camels	4,706,808		
Total feed requirements 2028 TM/year	55,916,747	33,686,055	76,700,952
Feed Resources (good year; mt/year)	68,290,410	28,076,555	48,853,394













Eed Enhancement for Ethiopian Development – Phase II (FEED II)



The logical basis for FEED:

- Raising of livestock is a *major livelihood* activity and source of income in Ethiopia
- *Quantity* and *quality* of feed resources are major constraints to livestock production
- Lessening these constraints should lead to improved livestock producer income, standards of living and, ultimately, improved national economic development











Intended Outcomes:

- Increase the productivity of livestock and poultry in Ethiopia by developing the animal feed sector
- Expand trade of agricultural products in the livestock and poultry sectors by introducing and expanding fattening, poultry and dairy enterprises











- Strategies for addressing feed quantity and quality:
- Increase the size of the feed resource base through:
 - Increased adoption of improved forages
 - Improved pasture management
 - Development of new/alternative feeds
- Improve utilization of existing feed resources through:
 - Use of formulated feeds and supplements to better balance animal diets
 - Optimized feeding and grazing management systems













FEED MAIN ACTIVITIES

- 1. Develop feed ingredient supply chain and service sector
- 2. Develop feed manufacturing enterprises
- 3. Develop sustainable forage production system
- 4. Introduce and expand feedlot (fattening), poultry and dairy enterprises
- 5. Promote improved on-farm feeding practices

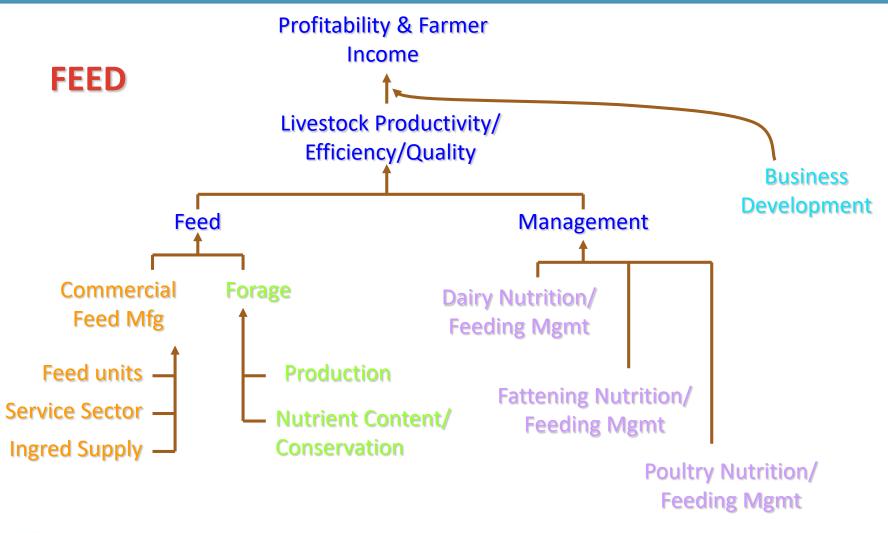
























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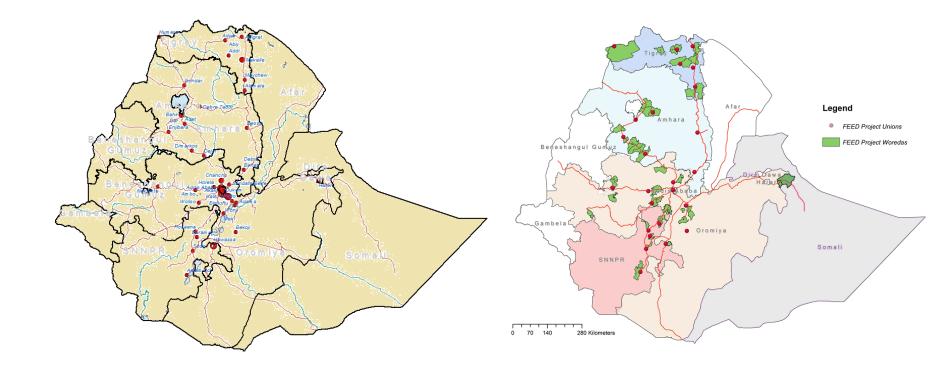
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Sidama Elto Licha Hadiya Damot Wolayta		
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Commercial Feed Manufacturer Locations













Formulate	d Feed	Production	Alema Koudijs Co.		
Firm Type	No of Firms	Single Shift Annual Capacity (MT)	Debre Zeit, Oromia		
FEED I and II Cooperative Unions	25	48,000 (27%)		Ambericho Union Durame, SNNP	
Domestic Private Sector Enterprises	23	103,880 (59%)			
Domestic/Interna tional partnership	1	24,000 (14%)	D1/85/2011 V-30	IMPAC	
Total	49	175,880	Bokra Union Maychew, Tigray		





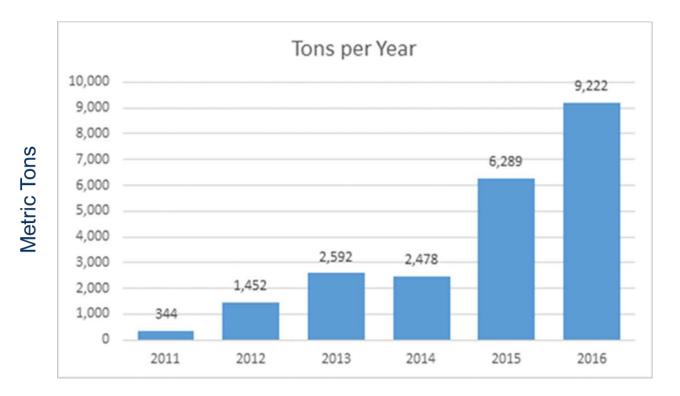






Expanding Opportunities Worldwide





22,377 MT USD 5,645,106







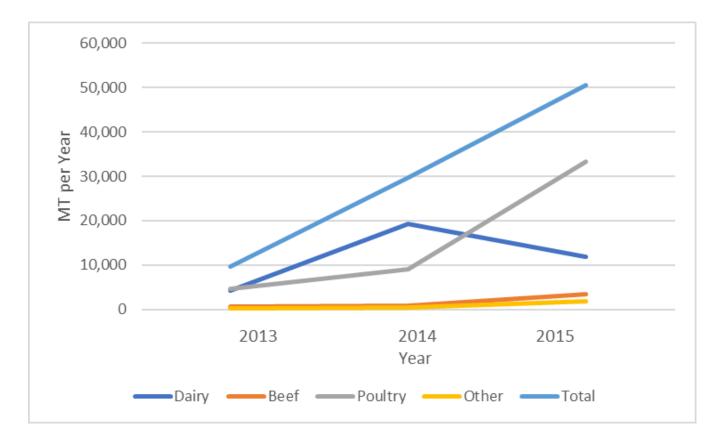


Through Dec 16





Future Prospects















Strengths of Union Based Feed Enterprises

- Transparency
- Reach to smallholder level
- Serve underserved communities
- Linkage to other unions
- Economies of scale











Weaknesses of Union Based Feed Enterprises

- Weak management
- Staff turnover
- Weak connection with members
- Lack of commercial orientation
- Bureaucracy
- Political interference











Three research themes?

Three development solutions?











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