



ESAP Newsletter

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Ethiopian Society of Animal Production

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Workshop on “Youth and Women Engagement with Livestock value chains: Insights and Lessons from the IGAD Region” was conducted from 25 to 26 August 2015 on ILRI Campus, Addis Ababa,

Ethiopian Society of Animal Production (ESAP) in collaboration with Ministry of Agriculture and Centre for Agricultural and Rural Cooperation (CTA) Organized a workshop on “Youth and Women Engagement with Livestock value chains. The main objective of the workshop was to assess the challenges and opportunities in terms of engaging youth and women in the livestock value chains in the IGAD regions of Africa and to draw lessons for the future.

His Excellency Dr. Gebreigzhab Gebre Yohannes , State Minister, Livestock Sector Development, addressed the workshop

The State Minister pointed out that government of Ethiopia has clear policy and strategy ensuring that opportunities are created for women and the Youth to actively participate in political, economic and social affairs of the country.



It also designed strategies to follow up and evaluate the development programs and projects to ensure that these give due considerations to women and youth issues.

Government has developed youth and women packages and created support system to access land, financial capital to engage youth and women in livestock value chains. He affirmed that this workshop facilitates sharing of experience and lessons among the participants from

IGAD member countries with a particular focus on the benefits accruing to women and the youth across the value chain. In addition it is helpful to explore the opportunities on how Information and Communication Technologies (ICTs) can assist the youth in engaging in profitable segments of the livestock value chains. He expressed his pleasure to seeing diverse attendance with representatives from different IGAD countries, researchers, academia, development practitioners, and experienced and prominent personalities. Finally, he



thanked the CTA, ESAP and organizing committee who have made this workshop possible.



Paper Presenters

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AWARDS

ESAP AWARD



Recipients of the ESAP 2015 Award with H.E. Dr Gebreegziabher Gebreyohannes. Left to right: Dr Gijs Van’klooster (FAO), Dr Jean Hanson (ILRI), Dr Barry Shapiro (ILRI), and Professor Layne Coppock (Utah State University).

Dr Hank Fitzhugh (Texas A &M University), one of the awardees, was unable to attend the event, and in his message to ESAP, prior to the Award event, he said “ I am also attaching the photo from the SPS-LMM team (September 2011) Because I feel strongly that the success of any contributions that I have made have been through working in close collaboration with Ethiopian colleagues.....”



Hank Fitzhugh with members of the SPSS-LMM team, September 2011.

Award from the Ministry of Science and Technology, Ethiopia (source: Dr Wondmeneh Esatu)

The Ministry of Science and Technology recognized a team work in **Improving Horro chicken through selective breeding technique.**



Awardee: Dr Wondmeneh Esatu (PI) and team; **Team members:** Tadelle Dessie, Dawud Ibrahim, Tadios Habte, Alemayehu Amare, Nigussie Dana, and Getnet Assefa

Lead institute: The Ethiopian Institute of Agricultural Research; **Collaborators:** international Livestock Research Institute (ILRI) and Wageningen University

Several attempts were made by the government through its public extension system to improve poultry productivity by introducing exotic breeds of chicken. However, poor adaptability of exotic chicken under village poultry production system, remains a hurdle. A selective breeding

program started at the EIAR Debre Zeit Poultry Research in 2008. The collaborative program resulted in 95 % increase in growth, and a 123% increase in egg number; over the six generations of mass selection on body weight at 16 weeks and egg number at 45 weeks of age. This breeding program is currently ongoing and is at its 9th generation. This is the first ever successful breeding program involving indigenous chicken in Ethiopia and has been proven to promising under village condition. Considering the remarkable achievement, the team of researchers was awarded Silver medal and trophy at the 6th national Award program of the F.D.R.E Ministry of science and technology. The award was given by HE Hailemaryam Desalegn, Prime Minister of Ethiopia.

Message from ILRI on ESAP 2015 23rd Conference: Dr Sibonso Moyo, Program Leader Animal Sciences for sustainable Productivity and the Director

General’s representative in Ethiopia. International Livestock Research Institute | ilri.org



“Dear Getachew, I wish to take this opportunity to thank

and appreciate ESAP under your leadership for recognizing ILRI’s contribution to ESAP and the livestock sector. The awards received by some of the current and past ILCA/ILRI staff are warmly received and humbling for us. We would not have achieved this success without the support of ESAP members and institutions. ILRI is committed to this partnership and will continue to support ESAP into the future. I was happy to also learn from my colleagues that this year’s annual conference was a great success. Congratulations to you and the team on this.

Best regards, Boni

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Speakers at the workshop on women and youth engagement.....



ILRI WORKING PAPERS AUTHORED BY ESAP MEMBERS

Here are the links:

<http://hdl.handle.net/10568/76229>

<http://hdl.handle.net/10568/76228>

<http://hdl.handle.net/10568/76230>

<http://hdl.handle.net/10568/76231>

<http://hdl.handle.net/10568/76228>

LIVES WORKING PAPER 6

Integrated bio-economic simulation model for traditional cattle production systems in Ethiopia: Ex-ante evaluation of policies and investments

Asfaw Negassa¹, Berhanu Gebremedhin¹, Getachew Gebru¹, Solomon Desta¹, Kidus Nigussie², Barry Shapiro¹, Celine Dutilly-Diane³ and Azage Tegegne¹

1. International Livestock Research Institute (ILRI)
2. Ministry of Agriculture, Ethiopia
3. French Agricultural Research Centre for International Development (CIRAD)

LIVES WORKING PAPER 7

Transforming traditional smallholder cow milk production systems in Ethiopia: Ex-ante evaluation

Asfaw Negassa¹, Berhanu Gebremedhin¹, Kidus Nigussie², Getachew Gebru¹, Solomon Desta¹, Barry Shapiro¹, Celine Dutilly-Diane³ and Azage Tegegne¹

LIVES WORKING PAPER 8

Integrated bio-economic simulation model for goat production: *Ex-ante* evaluation of investment opportunities in Ethiopia

Asfaw Negassa¹, Berhanu Gebremedhin¹, Solomon Desta¹, Kidus Nigussie², Getachew Gebru¹, Barry Shapiro¹, Celine Dutilly-Diane³ and Azage Tegegne¹

LIVES WORKING PAPER 9

Integrated bio-economic simulation model for sheep production: *Ex-ante* evaluation of investment opportunities in Ethiopia

Asfaw Negassa¹, Berhanu Gebremedhin¹, Solomon Desta¹, Kidus Nigussie², Getachew Gebru¹, Barry Shapiro¹, Celine Dutilly-Diane³ and Azage Tegegne¹

An overview of Livestock Value Chain Initiatives in the IGAD Region: Gender Considerations in Perspective

by *Michele Mbo'o-Tchouawou*

The major objective of this presentation was to provide an assessment of the livestock value chain initiatives in the IGAD region with regard to involving the women and youth. The main data source used was the Aginvest Africa Portal (www.aginvestafrica.org).

(continuedPage)

Five major value chains: dairy, beef, shoats, poultry and apiculture are considered for this review work for the IGAD region countries. The paper provides very good qualitative analysis.

Livestock Value Chains in Arid and Semi-Arid Areas of the IGAD Region: A Reflection on the Enhancement of the Livelihoods of Women and Youth

by *Osman Babikir and Ameha Sebsibe*

This paper provides the presentation of the resources and opportunities that the livestock sector provides in the Arid and Semi-Arid areas in IGAD member states. It also discusses the role of ICPALD, the livestock resources and opportunities and export potential of live animals and meat from the IGAD region. It presents ICPALD project activities and how women are involved in various projects, and also discusses the IGAD gender policy.

Enterprise Development and Youth Engagement along the Livestock Value Chain in East Africa: Heifer International's Experience

by *Martha D. Hirpa*



This paper presents the experience of youth and women engagement in livestock value chains in Africa based on the experience of Heifer International Project experience in East Africa Dairy Development (EADD).

The paper discusses the impact of creating dairy market hub on the women and youth participation in the livestock value chain. The paper provides evidence of impact in terms of dairy production and income; net worth created by hub; skill and capacity development for the dairy farmers. It provides figures for the women and youth participation rate in the livestock value chain.

Financing Livestock Value Chains in East Africa by *Mohamed Ali Maawy*

This a presentation on the value chain finance and provides discussion of the generic value chain finance and its application to the livestock value chains. The paper provided generic general good discussion of the financial products available to the livestock value chain actors without specific mention of women and youth demand for specific financial products: for example, youth with no assets and collateral. In other words, similar to many other presentations, this presentation also assumes that youth and women are homogenous and hence the financial products for different youth and women groups are not differentiated. The paper provides detailed discussion of Kenya's unique endowment in terms of the development and the use of financial products -SACCO foundation and technical platform which helped in the development of the financial sectors suitable for the development different value chains including the livestock value chains.

Adoption of ICTs in Livestock Value Chain Development: Examples in Youth Engagement from Daral Technologies

by *Mansour Fall*

This paper provides an excellent application of ICT to solve one of the critical problems in the livestock value chain development in Africa in providing timely market information to reduce information asymmetry and reduce risks in the livestock marketing. It presents the case where the youth establish ICT to develop the livestock value chain. The ICT provide real time information and platform for information sharing among the livestock value chain actors.

In this paper but it was observed that ICT has appeal to youth and demonstrates youth engagement in ICT to support livestock sector value chains. There is potential demand for this technology but there was no adequate assessment of the user's willingness to pay for the ICT service, market size for the ICT Company to make profitable investment. The market size dependence on educational capacity, human resource capacity, start-up or seed money and long gestation period. It was observed that the private-public partnership is very critical for the development of ICT technologies for the livestock sector. The private ICT companies might need initial seed money and subsidies until they capture significant market size (demand) and adoption level which allows them to operate efficiently and profitably. Otherwise, inadequate support discourages youth participation in the development of ICT and hence reduces their contribution to the livestock sector.



Natural Livestock Farming Program Launched!

During a vibrant international event in the city council hall of the province of Overijssel in Zwolle, the Dutch platform 'Natuur lijke Veehouderij' and the international association for Natural Livestock Farming was launched on 1 October 2015.



Farmers, veterinarians and dairy experts from India, Uganda, Ethiopia and Netherlands work together to minimize the use of antibiotics and other chemicals in dairy farming. A broad range of practical solutions were shared and discussed during the launching event, see <http://www.naturallivestockfarming.com/initiatives>.

Natural livestock farming can be achieved through a four layered strategy:

1. Improve animal and farm management, adapt the animals and farm to local ecosystems and circumstances and keep resilient breeds.
2. Use ethno-veterinary practices including medicinal plants to treat sick animals.
3. Ensure effective milk quality control. Arrange for extra payment for milk and dairy products that are high quality and residue free. Some 175 people from more than 10 countries participated in the symposium and agreed that natural livestock farming is possible if we are able and willing to combine different expertise in dairy from India, Africa and the Netherlands.



Award

Professor Layne Coppock and Dr Getachew Gebru represented an eight-member team from the U.S., Ethiopia and Kenya that orchestrated an action-oriented research project to diversify livelihoods, increase incomes, and improve food security among poverty-stricken pastoralists in southern Ethiopia and northern Kenya. The team was directed by Coppock, the lead principal investigator for the project. This is the first time that BIFAD has given this award to a team...."



Photo, left to right: Dr. Larry L. Murdock, Dr. Getachew Gebru, Amb. Alfonso Lenhardt (Acting Administrator of USAID), and Dr. D. Layne Coppock.

"Beginning in 1997, the Pastoral Risk Management (PARIMA) Project focused on ways to help diversify income, assets, and improve access to information among destitute pastoralists. Funds for outreach and community training to accompany the research were provided by the USAID Mission to Ethiopia. The team members recognized by BIFAD were the architects and implementers of a "Pastoral Women's Collective Action" effort founded on principles of community engagement during the period 1999 to 2009."

Besides Layne Coppock and Getachew Gebru, the other team members recognized, but unable to attend the ceremony at Purdue, included ESAP Members Dr. Solomon Desta, Mr. Seyoum Tezera.

BIFAD is a presidentially-appointed board that advises the Administrator of the United States Agency for International Development (USAID)." Members of BIFAD include **Gebisa Ejeta**, Distinguished Professor, Purdue University.

Workshop on “Youth and Women

Continued from..... Page 1)

Policies, Strategies, and Programmes for Youth Engagement in Ethiopia’s Livestock Sector: Preliminary Thoughts on ESAP’s Role

by Daniel Temesgen

This paper provides very good qualitative discussion of the type of youth involvement in the livestock value chains. It discusses a lot of government policies, supports and initiatives for job creation and youth involvement in different value chains. The paper provides innovative proposal to take the issue of youth to the higher level, such as creating entrepreneurship in and livestock business programs and creating a forums of youth entrepreneurship in livestock.

Women’s Engagement with Livestock Value Chains and Improvements in Food Security: Experiences from Borane Pastoralist Groups, Ethiopia

by Solomon Desta

This paper presents the case study of women engagement in livestock value chains for pastoral production system in Ethiopia. The paper discusses the role of youth and women in the pastoral production system. The presentation indicates there is adequate policy support and strategies for livestock production system. Particularly, it discusses the role of collective action and market linkage work in linking the livestock producers to the livestock value chains. As a result of collective action and market linkage work done through the project there was supply response: (1) increase in number of shoats sold and competition also increased, (2) investment in education, training, mentoring of pastoralists in rural finance, business management and marketing had significant impact in improving the wealth of women who participated in the project.

Value Chain Opportunities for Women and Youth in Livestock Production: Lessons from the IPMS and LIVES Projects, Ethiopia

by Berhanu Gebremedhin



This paper presents a generic conceptual issues related to value chain analysis and its application to ILRI’s lives project in Ethiopia. It indicates youth involvement in the value chains, and shows the different stages of value chains in which they are involved. The presentation provides common suc-

cess factors in involving youth and women in the value chains: couples training, coaching and mentoring, platform meetings, study tour, field visits and experience sharing visits, demonstrations, supply of materials, facilitating market linkages with input suppliers and output buyers.

Engagement of Youth and Women in Kenya’s Dairy Value Chain: A Synthesis of Lessons Learnt

by Elizabeth Waithanji

This study provided qualitative assessment of women and youth engagement in the dairy value chain. It indicates that efforts to improve the distribution of income and resources between men and women in rural areas will not be successful without policies to improve women’s income earning abilities and opportunities to participate in the value chains. It discusses the opportunities, constraints for youth and women to engage in the dairy value chain in Kenya using the experience of East African Dairy Development Project (EADDP). The positive role of collective marketing in promoting the women’s participation in the dairy value chain is clearly demonstrated. The paper also indicates the importance of targeting but the criteria for targeting are not clearly indicated.

Sudan’s Experience with the Engagement of Youth and Women in Small Ruminant Value Chains

by Gihad Sayed A. Hagar

This paper provides a very good presentation of Sudan’s experience with engagement of youth and women in small ruminant value chains. The paper, as compared to other papers, is relatively more quantitative in terms of quantifying the importance of livestock in employment generation, meat production and live animal export. It also discusses the policy to support the development of programs to support the value chains which is youth and women inclusive. The paper also provides quantitative indicators of the value chain interventions: baseline indicators, target values and final value to assess the impacts of value chain interventions. The paper also presents the value chain opportunities, challenges and measures taken and provides discussion of success factors and lessons learnt and opportunities for up-scaling and out-scaling.

Uganda's Experience with Engagement of Youth and Women in Poultry Value Chains

by *Juliet Sentumbwe*

This paper presents Uganda's experience with engagement of youth and women in poultry value chain. The paper discusses the composition of poultry in Uganda which includes: chickens, ducks, turkeys, ostriches, geese, pigeon and guinea fowls. It discusses important government policies and strategies supporting the value chains such as the import and tax policies, credit and subsidies, and development strategy and investment plan. It provides the case study of national development program and its achievements. It also discusses the poultry value chain challenges and interventions, success factors and lessons and opportunities for up-scaling or out-scaling.

MoA/CTA/ESAP workshop participants: women and youth engagement in livestock value chains



Our Colleague Yirdaw Woldesmayat

It is with great sadness that ESAP remembers the death of our friend and colleague, and founding member of ESAP. Yirdaw will continue to be remembered for his dedication, commitment, and professional contribution to the development of the livestock sector in Ethiopia. He passed

serving the Ethiopian Feed Industries Association in a capacity of a manager. He has gone to great length to bringing the association to a vibrant status and broader network.

ESAP expresses its heartfelt sympathies to his beloved family and friends.

MAY HIS SOUL REST IN PEACE.





NATURAL LIVESTOCK FARMING	ACTIVITIES
<p>Towards a resilient livestock production system</p> <ul style="list-style-type: none"> - Minimize the use of antibiotics, insecticides, anthelmintic drugs - Optimal farmer income and employment - Include natural remedies into animal health management - Strengthen local animal breeds - Animal housing adapted to natural animal behavior - Soil fertility on basis of natural fertilizers - Strengthen biodiversity and natural mineral cycles - Effective quality control of animal products - Strengthen local markets and producer-consumer Contacts 	<p>Community-based production and marketing of herbal products – Niche marketing of products from local breeds</p> <ul style="list-style-type: none"> – Pilot with residue-free dairy chains – Community based breeding programs - Documentation, assessment and validation of ethnoveterinary practices – Post-graduate training of veterinarians on use of herbal products

