



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION



SSTIC Impact Stories

Upgrading Livestock Value Chain - Ethiopia

SUMMARY

Livestock is an important sector of Ethiopia's economy in terms of its contributions to the national GDP. The sector sustains and supports the livelihood of 70% of the rural households throughout the country. Ethiopia has one of the largest livestock populations in the world.

Compared to its potential, the contribution of livestock to agriculture and the overall economy of the country is relatively low. The livestock value chains continue to face constraints that hinder their growth and export potential.

In response, the Government of Ethiopia through the PCP (Programme for Country Partnership) secretariat requested UNIDO to develop a program to unlock key constraints

that hinder the development of the sector in a holistic manner rather than fragmented smaller interventions. Subsequently, UNIDO in close collaboration with the Government of China (GoC) and Ethiopia (GoE) initiated the development of a large-scale livestock programme.

The project will pilot best practices in the livestock sector and is foreseen to be implemented with the framework of the PCP.



The First Meat Inspector Training Launching Workshop

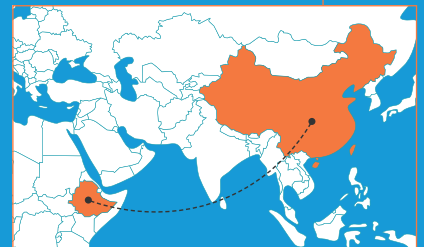
WORKING TOWARDS THE SDGs



SOUTH SOUTH COUNTRIES:

Ethiopia & China

IDENTIFIED COUNTRIES:



SOUTH SOUTH PARTNERS:

- Ministry of Agriculture of Ethiopia
- Ethiopian Agriculture Authority
- General Administration of Customs of China
- Chinese Embassy in Ethiopia
- UNIDO

DONORS & SUPPORTED BY:

- Global Development and South-South Cooperation Fund
- Ministry of Commerce of China
- Partnership Trust Fund

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SSTIC Highlights

CAPACITY BUILDING INITIATIVES

National meat inspector training program and short-term training series

The project has cooperated with Ministry of Agriculture of Ethiopia (MoA), Ethiopian Agriculture Authority (EAA) and Addis Ababa University-College of Veterinary Medicine and Agriculture (AAU-CVMA) in updating and standardizing the national meat inspector training program and successfully delivered the first round of certification training in 2022. The launching and graduation ceremonies were attended by higher officials and representatives from Ethiopia, China and UNIDO.

In addition, the project implemented a series of short-term training packages designed based on project document.



WHAT IS SSTIC?

South-South and Triangular Industrial Cooperation (SSTIC)

Is a process whereby two or more developing countries pursue their individual and/or shared national capacity development objectives through exchanges of knowledge, skills, resources and technical know-how, and through regional and interregional collective actions. UNIDO's SSTIC services are following the guiding principles for South-South cooperation set out in the Buenos Aires outcome document:

- 1 respect for national sovereignty
- 2 mutual benefit
- 3 national ownership and independence
- 4 equality
- 5 non-conditionality
- 6 non-interference in domestic affairs



PACKAGE 01

Handling and welfare of food animals



PACKAGE 02

Food safety and quality management ISO standards training



PACKAGE 03

Food safety and quality management practice and standards (GHP, GMP, HACCP)



PACKAGE 04

Residue and microbial testing in feed and food of animal origin

A total of 4 training packages were organized successfully:

RESEARCH INITIATIVES

The project has successfully prepared two comprehensive studies focusing on Ethiopian meat sector mapping and baseline, and the market requirements and recommendations on meat and meat products export.

KNOWLEDGE SHARING STUDY TOURS

High-level knowledge sharing field visits were organized in October 2022. The event brought together 17 higher officials and senior experts from Ethiopia, including three state ministers from MOA.

Seven Ethiopian government institutions benchmarked the experience of different facilities, industries and higher institutions in the livestock industry in Namibia.

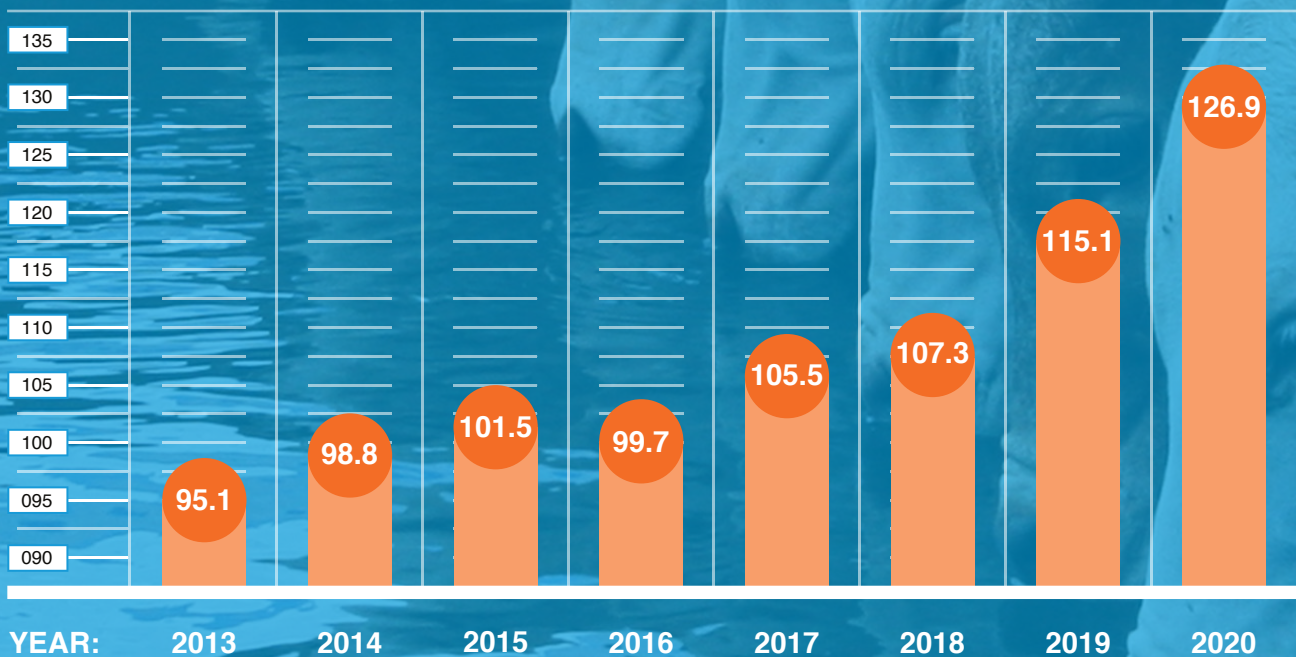


Trainees practicing animal anatomy as part of their first meat inspector training programme.

UPCOMING TRAINING AND WORKSHOPS

- 1 Livestock feed, feed production/processing, rationing, etc.
- 2 High-tech laboratory equipment operation, maintenance and calibration
- 3 Environmental and social management system in livestock industry, including ethics, etc.
- 4 Food safety management system, including ISO 17020
- 5 Modern/commercial livestock production/processing system/including technologies
- 6 Investment promotion & facilitation for livestock sector
- 7 Awareness creation programme targeting pastoralist communities
- 8 Supporting cooperatives-abattoirs market linkage

TOTAL INDEX POINTS:



Livestock Production Index for Ethiopia

The Ethiopia Livestock Production Index (LPI) is a measure of the performance of the livestock sector in Ethiopia. The LPI is calculated by the Food and Agriculture Organization of the United Nations (FAO) and is based on data related to the production of different livestock products, such as milk, meat, and eggs.

1

THE CHALLENGE

What the project aims to achieve.

The project aims to develop meat export market, improve the competitiveness of meat value chains and livestock industry in Ethiopia, through targeted capacity building technical interventions in the value chain, attracting investment, and promoting meat export.

Livestock production is closely linked with the economic, social and cultural lives of smallholders in Ethiopia. By improving the productivity of the livestock value chain, the project contributes to poverty reduction and food security through enhancing incomes and livelihood of the smallholder farmers. The project also facilitates investment in integrated livestock processing industrial infrastructure and improves value addition, which further contributes to sustainable industrial development.

In general, the project contributes to the achievement of:



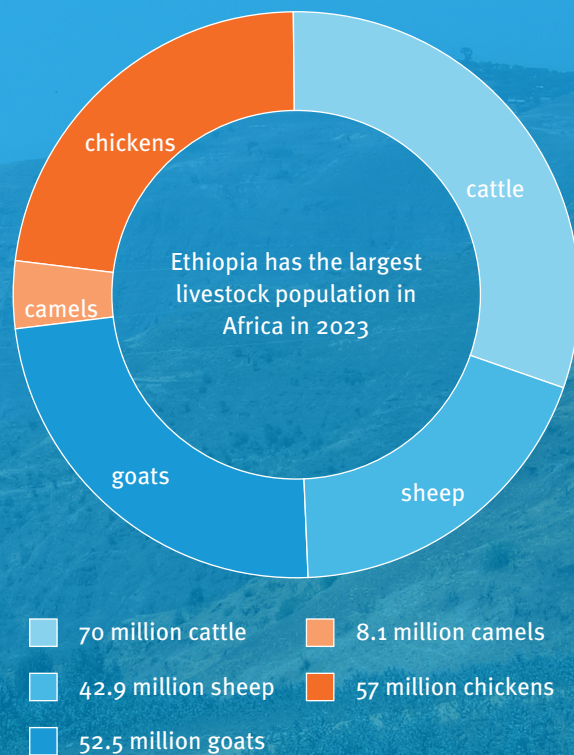
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THE SOLUTION

The methodology used that led to successful outcomes, outcomes achieved.

The project develops the livestock industry in a small-scale pilot area of Ethiopia with the country's strategic location, availability of resources, and diverse agro-ecological zones. The project implements systematic strategies including in-depth research and analysis, knowledge sharing and technology transfer, institutional development, policy recommendations, promotion of multi-stakeholder partnerships, and export facilitation.

UNIDO has been working closely with the Government of Ethiopia and the Government of China to develop this project in phases, addressing main constraints such as low capacity in terms of human resource development and robust legislation. The project is an essential component of the Programme for Country Partnership for Ethiopia (PCP-ETH), contributing to the sustainable industrial development in a systematic and well-aligned manner.



Ethiopia Livestock Population

According to the agricultural sample survey by the Central Statistical Agency of Ethiopia, in 2020/21 the country was expected to have some 70 million cattle. Sheep, goat, camel and poultry populations were estimated to be 42.9 million, 52.5 million, 8.1 million and 57 million, respectively. This sub-sector contributes about 40 per cent of the agricultural GDP and generates approximately 20 per cent of the national GDP. It is also an important source of foreign exchange, constituting roughly 20 per cent of export earnings.

3

SOUTH-SOUTH IMPACT

How were South-South and Triangular cooperation utilized to achieve results?

In response to the request of the Government of Ethiopia to address key constraints hindering the development of the sector, UNIDO initiated the development of the project in collaboration with the Government of China and the Government of Ethiopia.

This project is supported by South-South Cooperation Assistance Fund and is developed in-line with key priorities of strengthening South-South collaboration and experience sharing. It aims to benchmark the livestock development experience of selected Southern countries so as to draw best practices and standards applicable to the context of Ethiopia. The project also strengthens local institutions by improving their ability to coordinate activities along the livestock value chain, and contributes to the structural transformation and poverty elimination, with efforts and experiences from experts and institutions of both Ethiopia and China.



Group photo of participants attended the food safety and quality management practice and standards (GHP, GMP, HACCP) training

4

SUSTAINABILITY AND REPLICABILITY

How is it sustainable and replicable?

The project is a multi-stakeholder partnership that links the development efforts of both the public and private sectors to improve the competitiveness of meat production in Ethiopia.

Long-term collaboration with partners increases the sustainability of the management of the project.

The project incorporates mechanisms that guarantee equitable access to beneficiaries and distribution of project benefits on a continuous basis.

Gender considerations are taken into account in the research and capacity-building activities.

Local ownership is a key element of the project. The Ministry of Agriculture of Ethiopia and Ethiopian Agriculture Authority will continue the capacity-building efforts beyond the project period, maintain and expand training for the value chain actors.

Lessons learned from the implementation of this project can be replicated and applied to other Developing and Least Developed Countries.



Group discussions during the food safety and quality management - ISO standards training



Group photo following the completion Animal Handling and Welfare Training

SSTIC Executive Summary

The livestock industry in Ethiopia is crucial to the country's economy and supports the livelihood of many rural households. However, constraints have hindered its growth and export potential. To address this, the Government of Ethiopia requested UNIDO to develop a large-scale livestock programme with the support of the Government of China.

The project aims to develop meat export markets, improve the competitiveness of meat value chains, and enhance the productivity of the livestock value chain. Through the use of South-South and

Triangular Industrial Cooperation (SSTIC), the project has successfully implemented capacity-building initiatives, research initiatives, and knowledge sharing study tours.

The project contributes to the achievement of Sustainable Development Goals (SDGs) 1, 3, and 9 and is sustainable and replicable due to its multi-stakeholder partnership and long-term collaboration with partners. Ultimately, the project contributes to poverty reduction, food security, and sustainable industrial development in Ethiopia.

CLICK THE LINKS BELOW FOR MORE INFORMATION



View project in UNIDO
OpenData Platform



Global development
and South-South
Cooperation fund



WANT TO LEARN MORE ABOUT SSTIC?

Scan the QR code to access more information about SSTIC. You will be directed to a website or a resource that provides detailed information about the concept, principles, benefits, and examples of SSTIC in action.



www.unido.org/south-south-cooperation



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