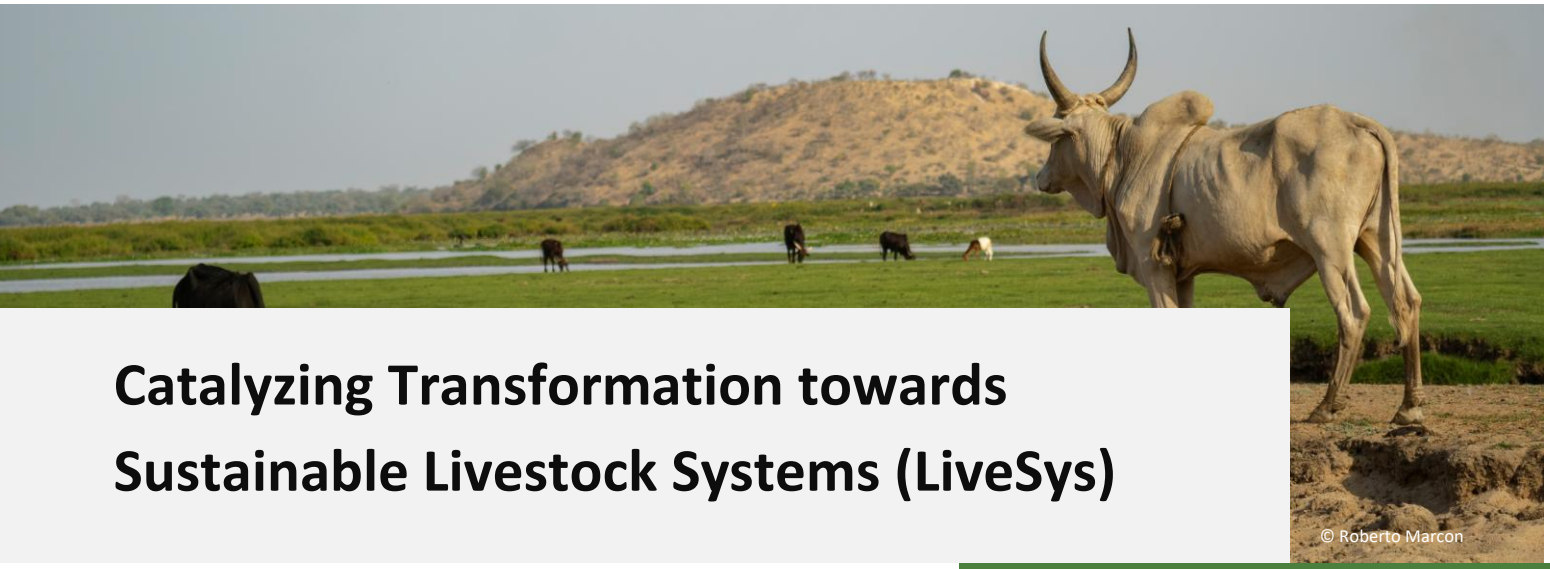


Catalyzing Transformation towards Sustainable Livestock Systems (LiveSys)

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Background

In Sub-Saharan Africa, livestock production is critical to people's livelihoods - in Eastern and Southern African countries, livestock supports **80 percent of households classified as poor**. At the same time **rangelands** cover more than half of the Earth's surface and support **over 2 billion people** worldwide. Livestock contributes to **food security** by providing a reliable source of protein and essential nutrients. Livestock also serves as **an important source of income** for smallholder families and contributes around **40% to the agricultural Gross Domestic Product (GDP)** in Sub-Saharan Africa. Approximately two-thirds of livestock farmers are **women**, most of whom raise small livestock species. Due to population growth, rising incomes, and urbanization, the demand for animal products continues to increase and is expected to double by 2050 - particularly in low- and middle-income countries.

Climate change negatively impacts livestock systems. Rising temperatures and lower annual rainfall reduce the productive performance of animals. **Soil degradation** and **water scarcity** reduces the growth of forage crops and therefore feed availability. **Conflicts over land and** livestock keepers. However, livestock farming is not only affected by the consequences of climate change but also contributes significantly to **global greenhouse gas emissions**, accounting for around 15 per cent, though the African continent currently only contributes a small amount.



Project Regions	Africa, Latin America
Duration	January 2024 to December 2028
Total Budget	EUR 6.53 Million
Financed and Authorized by	German Federal Ministry for Economic Cooperation and Development (BMZ)

Livestock systems are also responsible for **60-80 per cent of agricultural deforestation** worldwide. More than half of the world's pasture landscapes are considered degraded. Yet the livestock sector in low- and middle-income countries in Sub-Saharan Africa and Latin America can still follow alternative development paths to secure the livelihoods of smallholder households without further degrading ecosystems. In many countries, however, there is a **lack of suitable political instruments and appropriate level of investments** to drive forward the transformation towards sustainable livestock systems. Despite the great potential for climate change mitigation and adaptation, agricultural and food systems received only 7.2% of global climate finance in 2021/22, and only a small proportion of this is likely allocated to livestock systems. The lack of political prioritization and investment fail to recognize **livestock's potential as a solution** for elevating peoples' livelihoods, combating climate change, preserving biodiversity, and contributing land restoration.

Our goal

The global project "Catalyzing transformation towards sustainable livestock systems (LiveSys)" supports global, regional and national decision makers in capacities, policy and financing instruments to help **protect the climate, biodiversity and land through sustainable livestock systems**.

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Our approach



LiveSys is implemented in cooperation with the African Union – Inter-African Bureau for Animal Resources (AU-IBAR), the International Livestock Research Institute (ILRI), the Alliance of Bioversity International and the International Centre for Tropical Agriculture (CIAT), and the World Wide Fund for Nature (WWF). LiveSys closely cooperates with development banks, such as the African Development Bank and the World Bank.

Fields of action

1. Global agendas and advocacy: Development of a "Common African Position on Resilient Livestock Systems"; positioning evidence-based livestock solutions from the Global South in global (e.g. UNCCD, UNFCCC) and regional (e.g. CAADP) agendas.
2. Capacity development: Support AU-IBAR, its regional economic communities and member states, to strengthen climate, biodiversity and land dimensions through livestock policies and finance.
3. Knowledge exchange and networking: Knowledge sharing, knowledge management and networking including South-South exchange between Africa and Latin America.
4. Mobilizing finance: Mapping of existing finance mechanisms and supporting partners in mobilizing resources for sustainable livestock development.

The project aims to achieve the **following outcomes**: decision makers have strengthened climate, biodiversity, land in their policies and strategies; new funding streams have been generated for sustainable livestock development; 60% of all supported policies and financing include gender-responsive measures. LiveSys will support specific policy and finance instruments for sustainable livestock in Kenya, Nigeria, Zambia and Mexico to strengthen the links between national, continental and global engagement.

Focus Countries



Cooperation Partners

African Union – Inter-African Bureau for Animal Resources (AU-IBAR), Kenyan Ministry of Agriculture and Livestock Development (MoALD), Mexican Secretaria de Agricultural y Desarollo Rural (SADER) and Comision Nacional Forestal (CONAFOR), Nigerian Federal Ministry of Livestock Development (MLD), Zambian Ministry of Fisheries and Livestock (MFL), International Livestock Research Institute (ILRI), The Alliance of Bioversity International and CIAT, The World Bank, African Development Bank Group (AfDB), World Wide Fund for Nature (WWF), the African Group of Negotiators Experts Support (AGNES).

LiveSys
Catalysing Transformation towards Sustainable Livestock Systems



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