



Food and Agriculture  
Organization of the  
United Nations

# SCALING-UP CLIMATE ACTION IN THE LIVESTOCK SECTOR TO ENHANCE NATIONALLY DETERMINED CONTRIBUTIONS

Climate change and climate action is critical within the livestock sector as it is not only heavily affected by climate change, but also a notable contributor to greenhouse gas emissions, mainly methane. Addressing methane emissions from livestock presents a dual opportunity: enhancing resilience to climate impacts while mitigating emissions to achieve goals set out in the Paris Agreement.

This subprogramme was designed to address national climate actions and integrate specific and actionable mitigation and adaptation measures related to the livestock sector into Nationally Determined Contributions (NDC). It worked with member governments and national stakeholders in eight countries (Bangladesh, Burkina Faso, Kenya, Rwanda, Senegal, the United Republic of Tanzania, Zambia and Zimbabwe) to mainstream climate change into national policies and livestock sector development programmes and integrate cost-beneficial mitigation options in national action plans, strategies through multi-stakeholder collaboration.



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## WHAT DID THE PROJECT DO?

The subprogramme provided technical support to countries to mainstream climate change in national policies, strategies and action plans within the livestock sector. This was achieved through stakeholder consultations which enhanced synergies between climate change and livestock policies; training workshops which strengthening capacities of livestock stakeholders; baseline assessments which supported countries to assess methane and other greenhouse gas (GHG) emissions; and support to countries in formulating recommendations for integrating mitigation interventions in national action plans.

Each of the eight participating countries had sustainable outcomes from this subprogramme. This includes the establishment of a national technical and steering committee on methane and livestock climate actions in Bangladesh. Formulation of a national task force to develop a climate-smart livestock funding proposal in Burkina Faso. Kenya's livestock measurement, reporting and verification system will be further developed and a national roadmap for methane mitigation in the livestock sector is being developed. The subprogramme also supported the Rwanda Environmental Management Authority to prepare a new project proposal to develop a methane strategy for the livestock sub-sector and a funding proposal for upscaling the anaerobic digestion of livestock manure to be funded by the Climate and Clean Air Coalition. The Livestock Directorate in Senegal appreciated the subprogramme and requested further capacity strengthening of all Ministry of Livestock and Animal Production staff on issues of livestock and climate change. Tanzania Ministry of Livestock and Fisheries is working with the World Bank and the International Fund for Agricultural Development (IFAD) to establish a new project on low-carbon livestock. Zambia and Zimbabwe will also build on the results of this subprogramme for their forthcoming international reporting on climate change and requested further capacity strengthening to reach more stakeholders and farmers.

## KEY FACTS

**Latest Approved Budget**  
USD 500 000

**Duration**  
November 2022–December 2023

**Resource Partners**  
Multilateral, Donors of the Flexible Voluntary Contribution (FVC)

**Beneficiaries**  
National stakeholders, including relevant ministries of livestock and environment and other officials in the livestock sector in Bangladesh, Burkina Faso, Kenya, Rwanda, Senegal, the United Republic of Tanzania, Zambia and Zimbabwe

# IMPACT

As a result of this subprogramme, countries agreed to raise the ambition of their climate actions and integrate more commitments and targets on enteric methane resulted and adaptations into NDC revisions in 2025. Key stakeholders committed to integrating low-emission and climate-resilient livestock development programmes into their action plans.

The subprogramme enhanced mitigation and adaptation programmes in the livestock sector to support climate resilience, food security, livelihoods and to achieve the Paris Agreement.

# ACTIVITIES

- Task force teams were established in eight countries (Bangladesh, Burkina Faso, Kenya, Rwanda, the United Republic of Tanzania, Zambia and Zimbabwe).
- 472 participants contributed to inter-sectoral stakeholder consultations where recommendations were set out on how countries can improve their livestock and climate policies and examples of national climate-smart livestock practices shared.
- 162 professionals within the livestock sector were trained on livestock and climate change with a focus on methane reduction in livestock systems.
- Livestock activity data sheets were developed for Bangladesh, Kenya, Rwanda and the United Republic of Tanzania and GHG baseline emission assessments established and mitigation options tested and validated in Kenya, Rwanda and the United Republic of Tanzania.
- Training materials developed and five trainings conducted for livestock sector stakeholders in Bangladesh, Burkina Faso, Kenya, Rwanda and Senegal.

## Partners

Bangladesh Department of Environment (DoE) of the Ministry of Environment, Forest and Climate Change (MoFCC); Bangladesh Department of Livestock Services (DLS) of the Ministry of Fisheries and Livestock (MoFL); Bangladesh Livestock Research Institute (BLRI); Burkina Faso Ministry of Agriculture, Animal Resources and Fisheries (MARAH); Kenya Climate Change Directorate of the Ministry of Environment, Climate Change and Forestry; Kenya State Department for Livestock Development of the Ministry of Agriculture and Livestock Development; Rwanda Agriculture and Animal Resources Development Board (RAB); Rwanda Environment Management Authority (REMA); Rwanda Ministry of Agriculture and Animal Resources (MINAGRI); Rwanda Ministry of Environment (MoE); Senegal Livestock Directorate (DIREL) of the Ministry of Livestock and Animal Production (MEPA); Senegal Ministry of Environment and Sustainable Development (MEDD); Tanzania Ministry of Livestock and Fisheries; Tanzania National Carbon Monitoring Centre (NCCM); Tanzania Vice President's Office (VPO); The Grassroots Trust; University of Zambia, University of Zimbabwe; Zambia Environmental Management Agency (ZEMA); Zambia Ministry of Green Economy and Environment; Zambia Ministry of Livestock and Fisheries (MFL); Zambia Statistics Agency (ZamStats); Zimbabwe Climate Change Management Department of the Ministry of Environment, Climate and Wildlife; Zimbabwe Department of Livestock Research (DLR) of the Ministry of Lands, Agriculture, Fisheries, Water and Rural Development (MoLAFWRD)

## Project Title

Scaling-up climate actions to enhance Nationally Determined Contributions and climate and livestock

## Project Code

FAO: FMM/GLO/175/MUL

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