

# Livestock Master Plan (LMP)

Ram Pratim Deka<sup>1</sup>, Braja Bandhu Swain<sup>1</sup> and Vijayalakshmy Kennady<sup>1</sup>

<sup>1</sup>International Livestock Research Institute (ILRI), New Delhi

## Problem statement

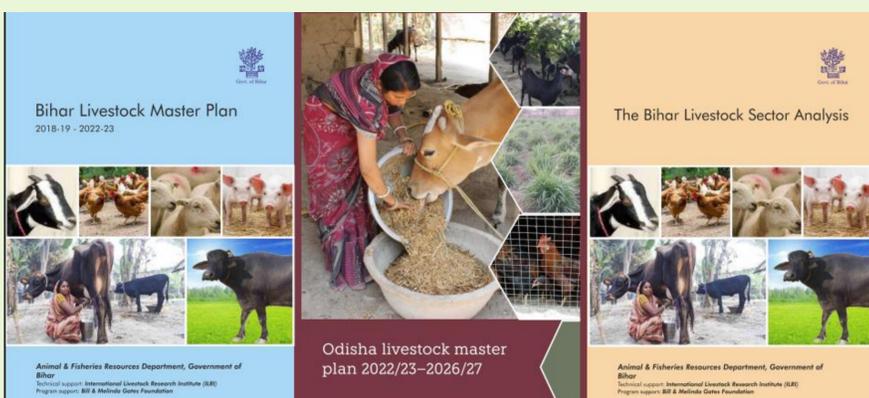
- Livestock is the primary economic backbone for Odisha and Bihar, driven almost entirely by smallholder farmers
- Growth is hindered by inconsistent investment and a lack of evidence-based, long-term budgetary planning
- Missing formal assessments of pre- and post-harvest infrastructure (cold chains, vet services) disconnect rural production from modern markets

## The solution/Innovation

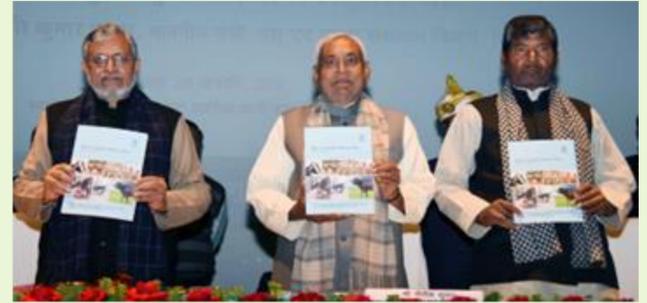
- Livestock Sector Master Plan (LMP) build robust State capacity in livestock sector analysis and strategy and sustainable investment planning and implementation of sustainable livestock policy and investment options.
- Conduct a Livestock Sector Analysis (LSA) to model foresight scenarios and strategic growth alternatives
- Establish a 15-year strategy and 5-year investment action plan focused on specific commodity value chains.

## Key results/impacts

- **Capital Attraction:** Directly secured \$28M (IFAD) for Bihar and \$150M (Kamdhenu Yojana) for Odisha through data-driven investment guides
- **Budgetary Integration:** Embedded 5-year investment plans directly into state-level fiscal roadmaps and agricultural departments
- **Private Sector Growth:** De-risked the market for private feed milling and poultry players using a 15-year strategic framework
- **Inclusive Formalization:** Shifted focus to women-led species (goats/poultry), guaranteeing 50% participation for women and youth



Regional Conference  
Sustainable Livestock Transformation for Food Systems in Asia and the Pacific  
Hanoi, Vietnam, 24-25 March 2026



Launch of LMP developed by ILRI in the states of Bihar (top) and Odisha (bottom) by the Bureaucrat's from the respective State Government (photo credit: ILRI/South Asia team)

## Scalability and regional relevance

- **Investment Blueprint:** A data-driven bridge that converts livestock potential into actual, high-impact capital investment
- **Scalable Diagnostics:** Features a standardized toolkit easily adaptable to any Indian state or South Asian value chain
- **Smallholder-Centric:** Focuses on climate-resilient, low-cost interventions for accessible species like goats and poultry
- **Optimized Budgeting:** Diverts funds from underperforming programs toward high-ROI public-private partnerships

## Partners and donors involved

Partners:

- Department of Animal and Fisheries Resources (DAFR), Govt. of Bihar
- Bihar Livestock Development Agency (BLDA)
- Fisheries and Animal Resources Development Department (F&ARD), Govt. of Odisha
- Odisha University of Agriculture and Technology (OUAT).
- Indian Council of Agricultural Research (ICAR)
- Samagra Governance

Donor:

- Bill & Melinda Gates Foundation (BMGF)

Scan QR code to download all posters at Marketplace

