CONTRIBUTION OF LMP IN UNLOCKING LIVESTOCK INVESTMENT IN DEVELOPING COUNTRIES

ILRI
INTERNATIONAL LIVESTOCK RESEARCH INSTITUTE

CGIAR
Sustainable Animal Productivity for Livelihoods, Nutrition and Gender Inclusion

Sirak Bahta (ILRI)

Proportion of livestock-derived foods produced by small scale farms in 2010

- Smallholders are significant suppliers of livestock products globally. This is an important source of income, jobs and sustenance for nearly three-quarters of a billion people engaged in smallholder agriculture

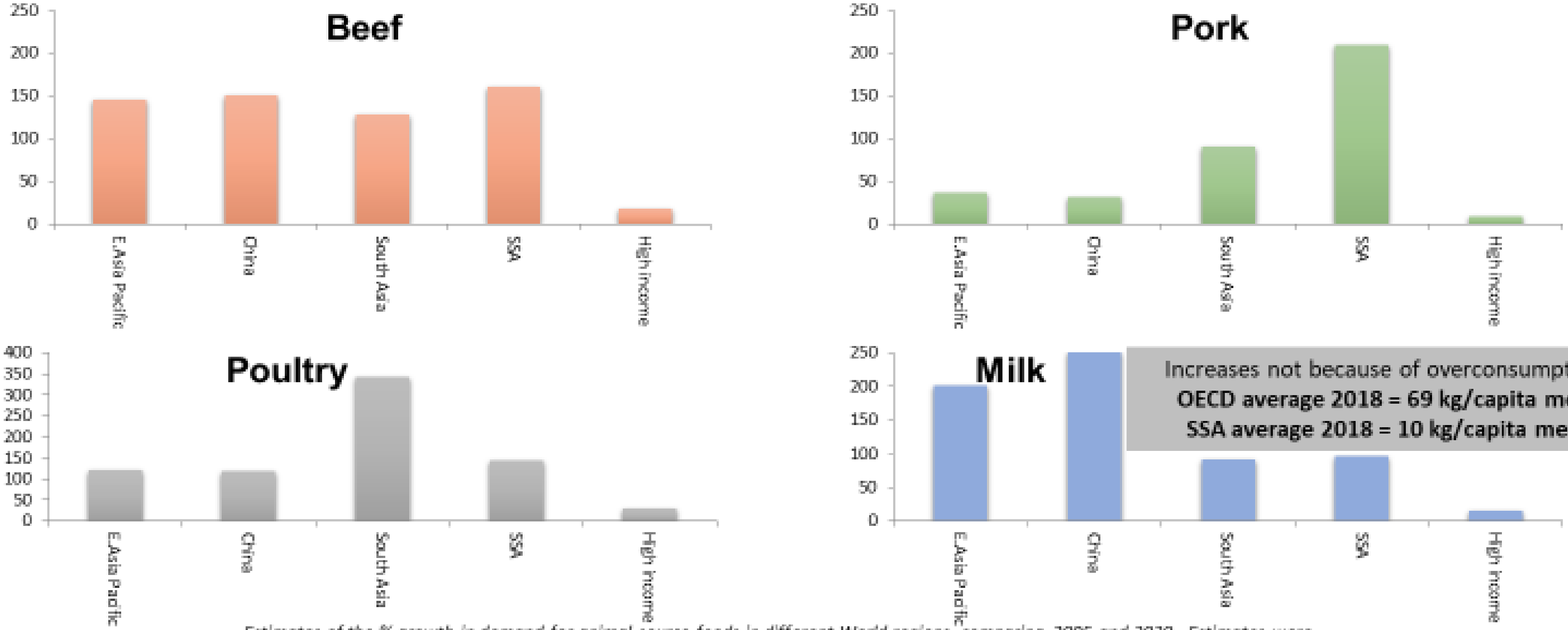
Source: *Options for the Livestock Sector in Developing and Emerging Economies to 2030 and Beyond.* World Economic Forum White Paper January 2019

African Union NEPAD CAADP

LIVESTOCK PRODUCTION ACCOUNTS FOR BETWEEN 20-40% OF AGRICULTURAL GDP IN DEVELOPING COUNTRIES

- Chronic underinvestment
- Lack of evidence base
- In adequate analytical Capacity

Demand for livestock products expected to rise (% increase to 2030)



Increases not because of overconsumption!
OECD average 2018 = 69 kg/capita meat
SSA average 2018 = 10 kg/capita meat

Estimates of the % growth in demand for animal source foods in different World regions, comparing 2005 and 2030. Estimates were developed using the IMPACT model, courtesy Dolapo Enahoro, ILRI.

WHAT IS LMP

- Evidence-based quantitative analysis
- Includes both investment analysis and a budget—both a financial and a human resource budget
- Guides the development of a country's sustainable livestock sector.

Baseline/Livestock Sector analysis (LSA) → 15- year Livestock Sector Strategy (LSS) → 5-year investment plans/ Roadmaps

Impact Pathways

Evidence synthesized & communicated

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Cases made for more & better investment in livestock

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Decisions supported by Evidence

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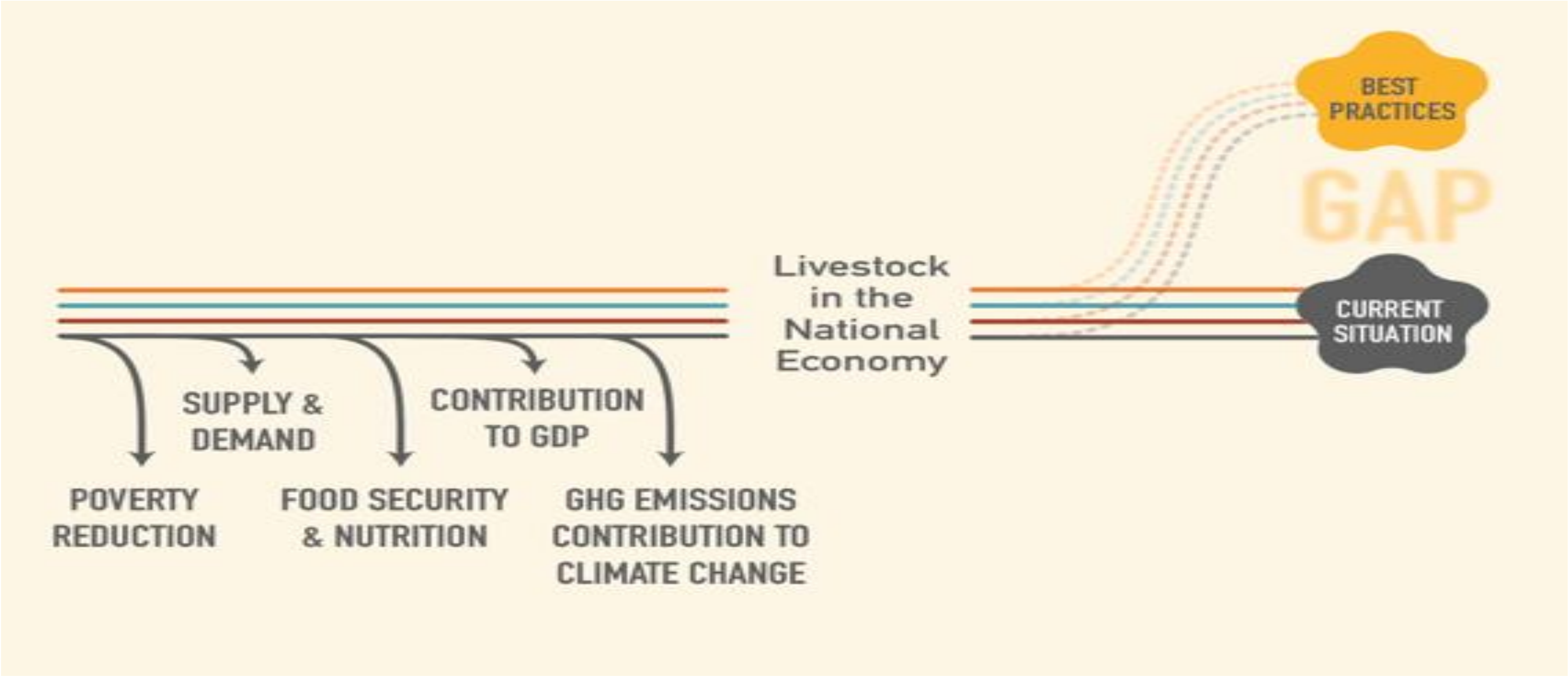
Efficient use of resources

Growth in investment & policy support

PROCESS



BEST PRACTICES
GAP
Livestock in the National Economy
CURRENT SITUATION
SUPPLY & DEMAND
CONTRIBUTION TO GDP
POVERTY REDUCTION
FOOD SECURITY & NUTRITION
GHG EMISSIONS CONTRIBUTION TO CLIMATE CHANGE





ODISHA/BIHAR STATES INDIA

2017 2022

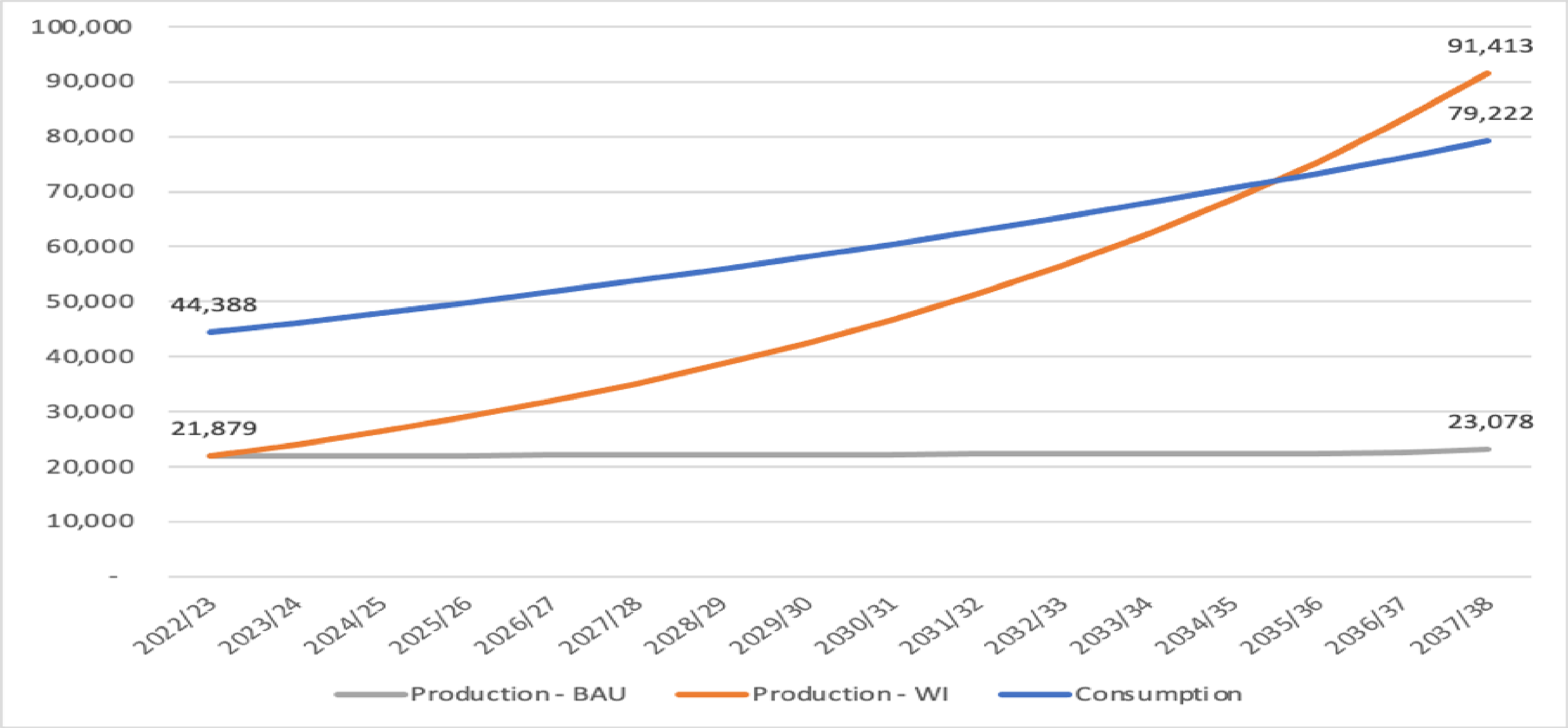

Bihar Veterinary College, Patna
February 28, 2018
ILRI
CGIAR

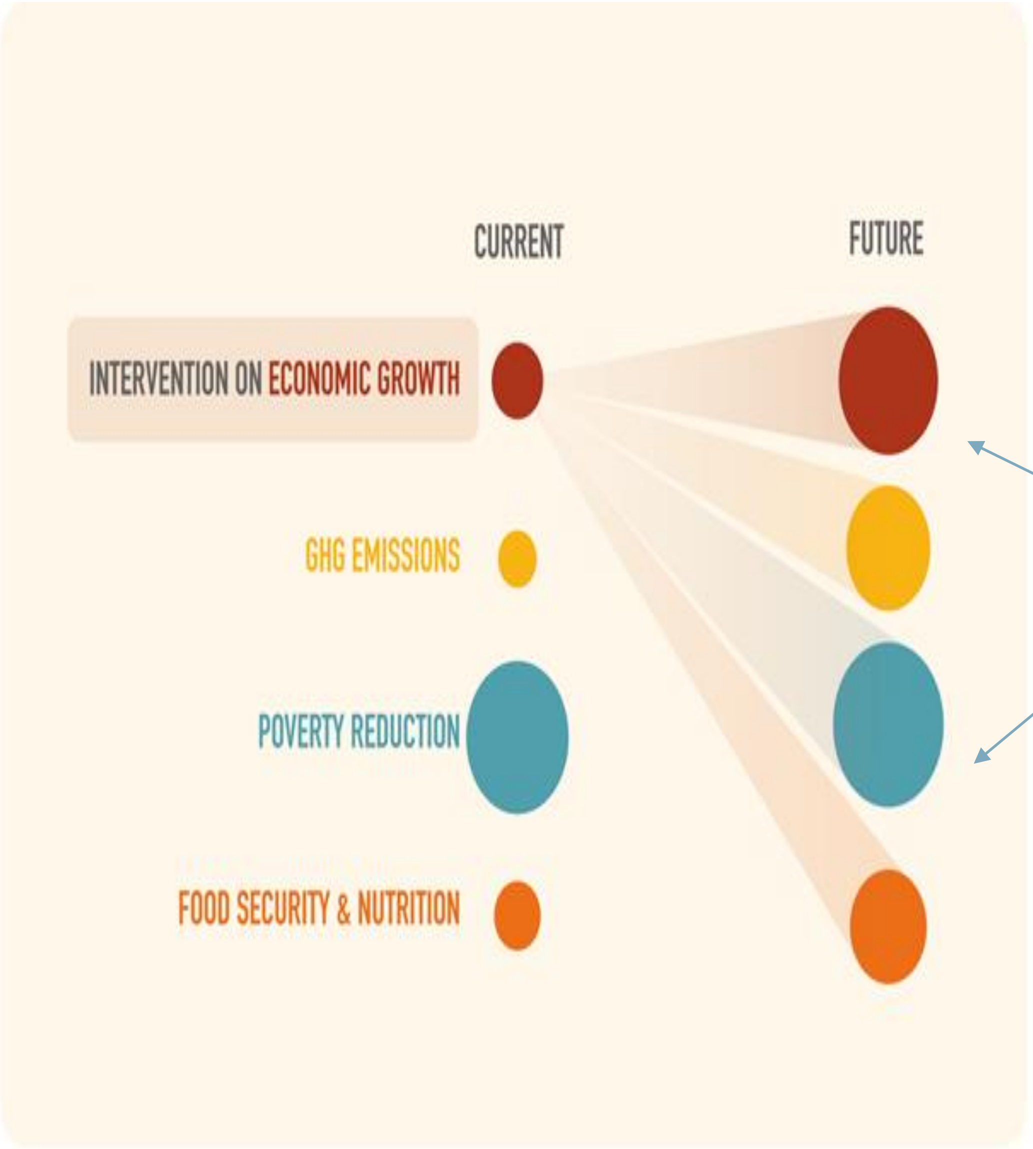

बिहार पशुचिकित्सा महाविद्यालय, पटना
स्थापित: 1927
Bihar Veterinary College, Patna
Estb.: 1927

Why LMP?

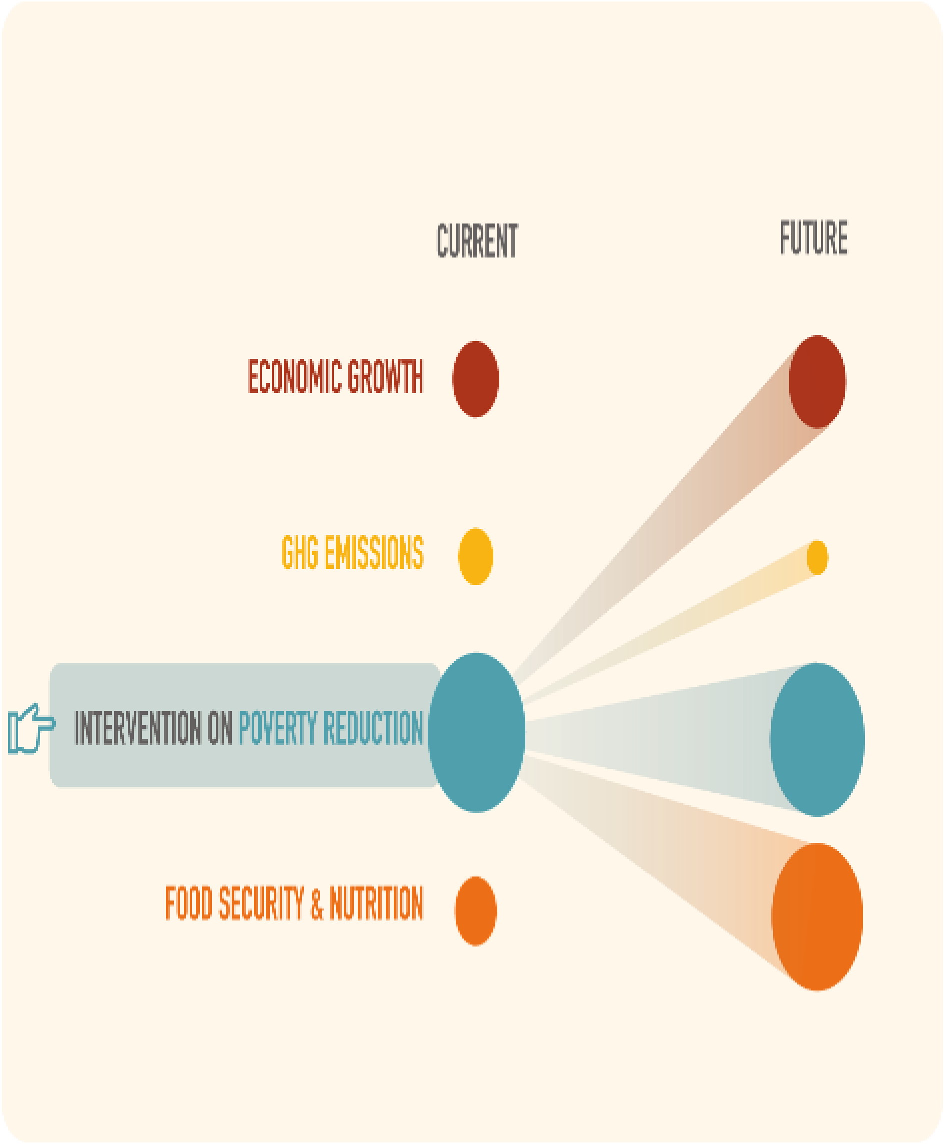
Contribution of LMP in increasing investment in livestock

Future production-consumption balance in milk under BAU and WI scenarios (thousand litters)- The case of Gambia

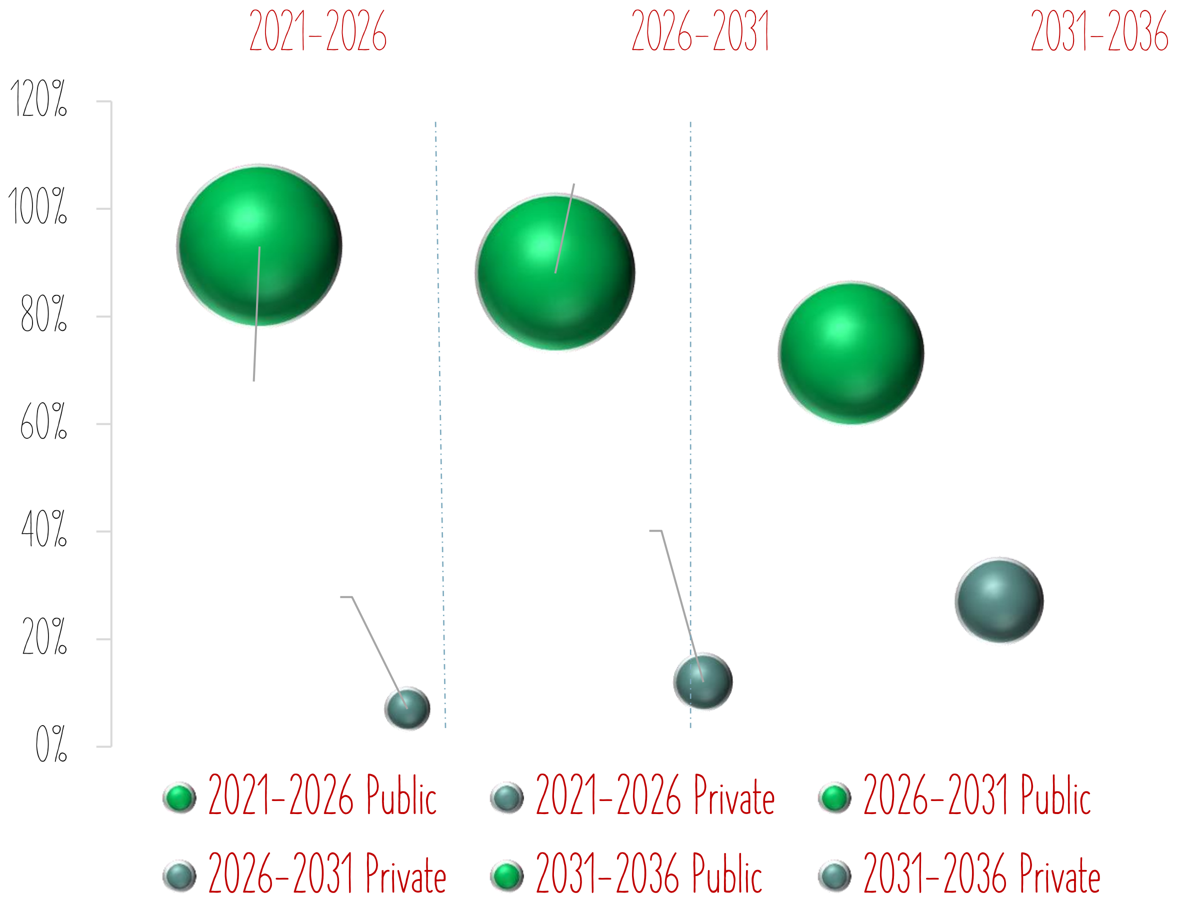




Possible tradeoffs



PUBLIC VS PRIVATE INVESTMENTS IN COW-DAIRY VC (WITHOUT MID-DAY MEAL) (ODISHA STATE/INDIA)



- **IFAD project on Gender focusing on Goat value chain refers to Bihar LMP**

"The Bihar Livestock Master Plan has identified the main investment areas

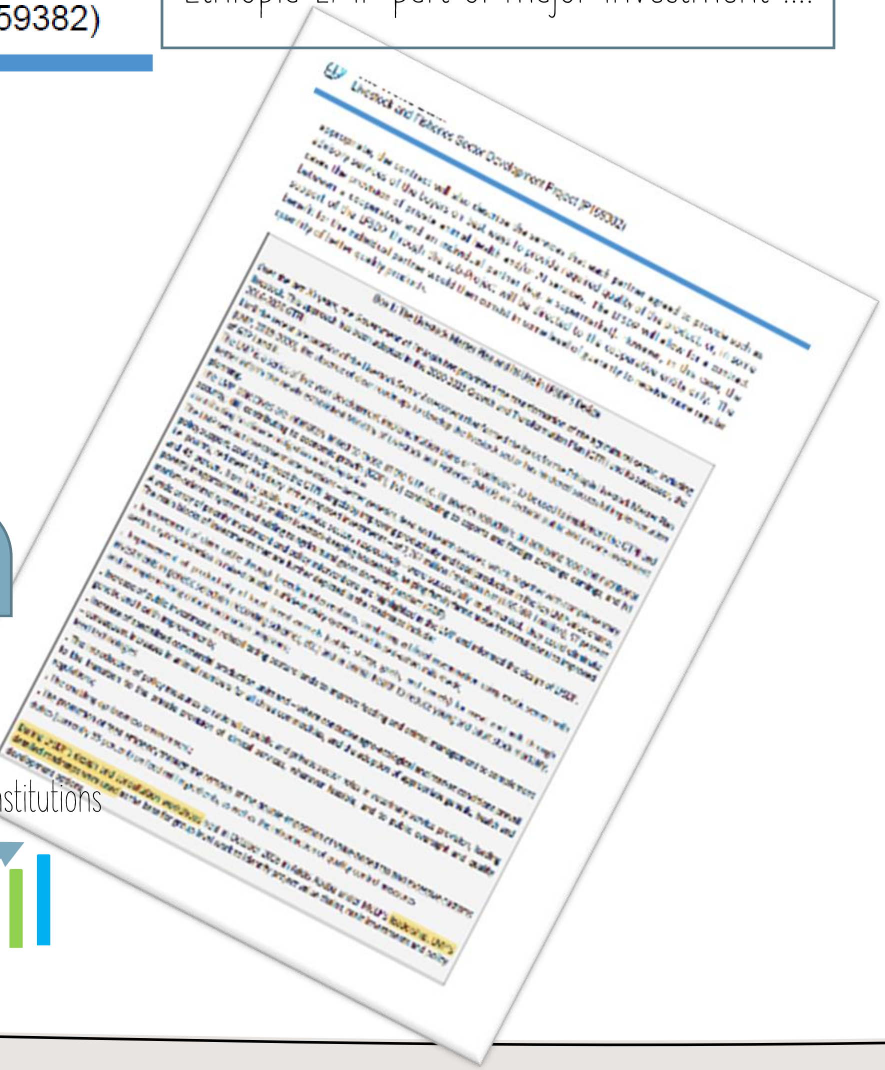
.....

The present project addresses the investment requirements, while ensuring that project interventions are gender transformative, nutrition sensitive, youth focused and climate focused."

The World Bank

Livestock and Fisheries Sector Development Project (P159382)

Ethiopia LMP part of major investment ….



Project cost: 176 Million USD

Budget Source: World Bank

Borrower: local Farmer organizations

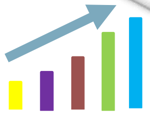
During LFSDP's design, LMP's detailed roadmaps were used as the base for group level work to identify project value chains, main investments and policy development options.

Animal Health

Animal feeding

Animal breeding

Market & Institutions



KEY MESSAGES - WHY LMP

- Coordinate sector stakeholders

- aligns and prioritises investments

- guides and prioritises policies and regulations that need to be reformed, revised or generated to contribute to the development objectives of the country.

EXISTING/COMPLETED LIVESTOCK MASTER PLANS (LMPS)

ETHIOPIA

TANZANIA

RWANDA

UZBEKISTAN

BIHAR (INDIA)

ODISHA (INDIA)

Gambia

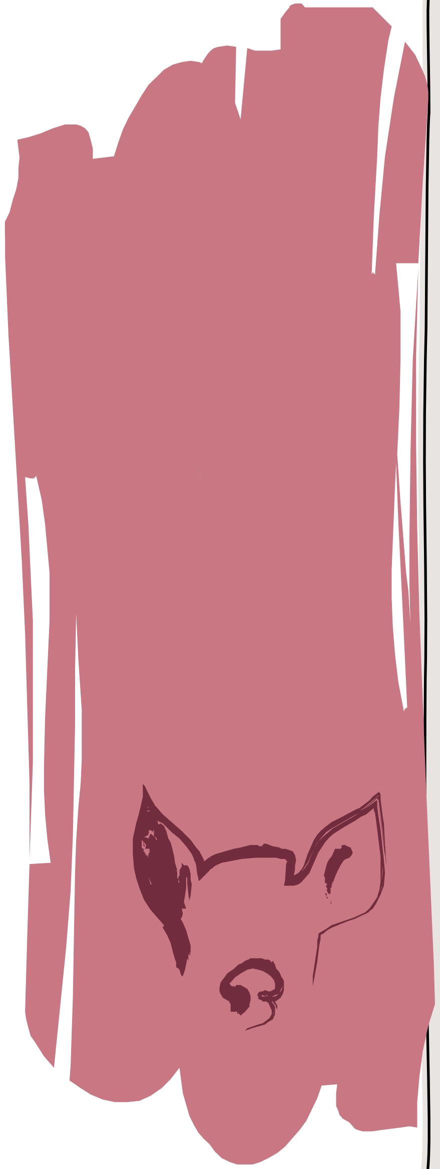
ONGOING LMPS

KENYA

NIGERIA

Proposals submitted- request from World Bank projects & governments:

- Mauritania
- Cameroun
- Madagascar
- Zimbabwe
- Senegal



THANK YOU