

***Input for Review Meeting of
Honorable Chief Minister,
Assam.***

27th September 2018

PRESENTATION BY
DR M ISLAM BARBARUAH
VET HELPLINE INDIA PVT LTD



অসম চৰকাৰ



গৱেষণাৰ সঞ্চালক
GOVERNMENT OF ASSAM

Department of Animal Husbandry and Veterinary

What should we do differently?

Assam State Veterinary Roadmap Project



“ Reform, Perform,
Transform is the mantra
of our Government ”

– Prime Minister Narendra Modi.



অসম এখন এনেকুৱা ৰাজ্য, য'ত পাম হিচাপে পোহা পশুধন, বন্যপ্ৰাণী আৰু পোহনীয়া জন্তুৱে সকলো নাগৰিকৰ স্বাস্থ্য, পুষ্টি, উদ্যমিতা বিকাশ, নিয়োগ সৃষ্টি তথা বহনযোগ্য অৰ্থনৈতিক আৰু সামাজিক কল্যাণৰ দিশত অৰিহণা যোগায়।

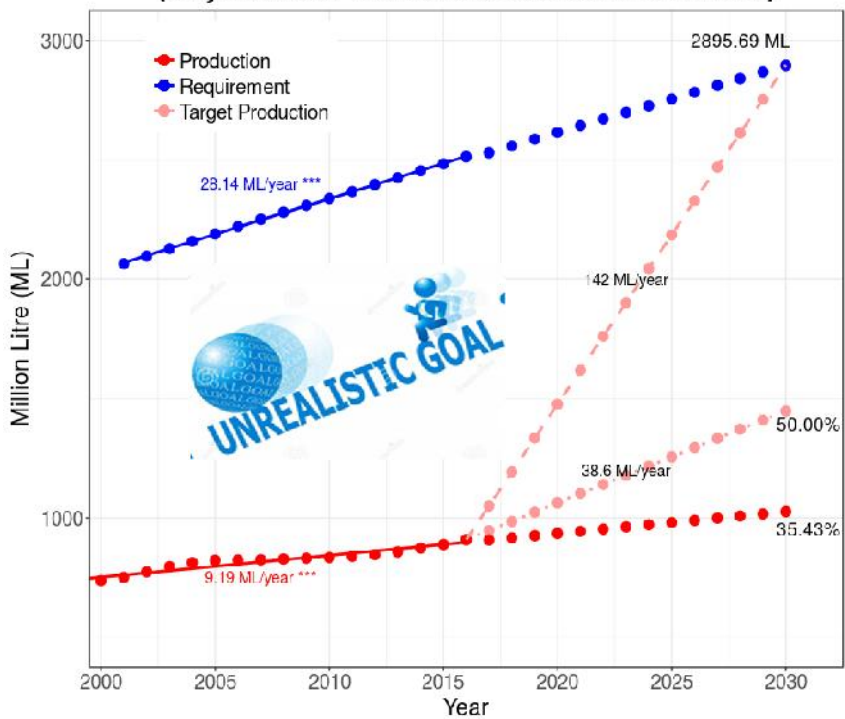
Assam is a state where farm, wild and companion animals are contributing to human health, nutrition, livelihood, entrepreneurship development, employment generation, sustainable economic and social wellbeing of all its citizens.

Highlighting the balanced role of veterinary service:

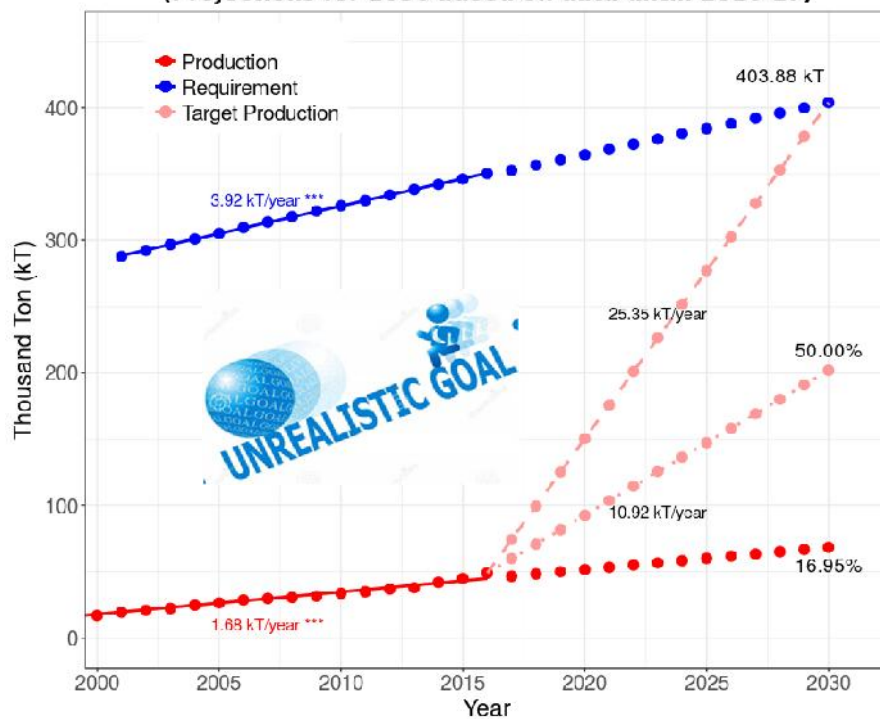
Health of Human Vs Health & Productivity of Animals.

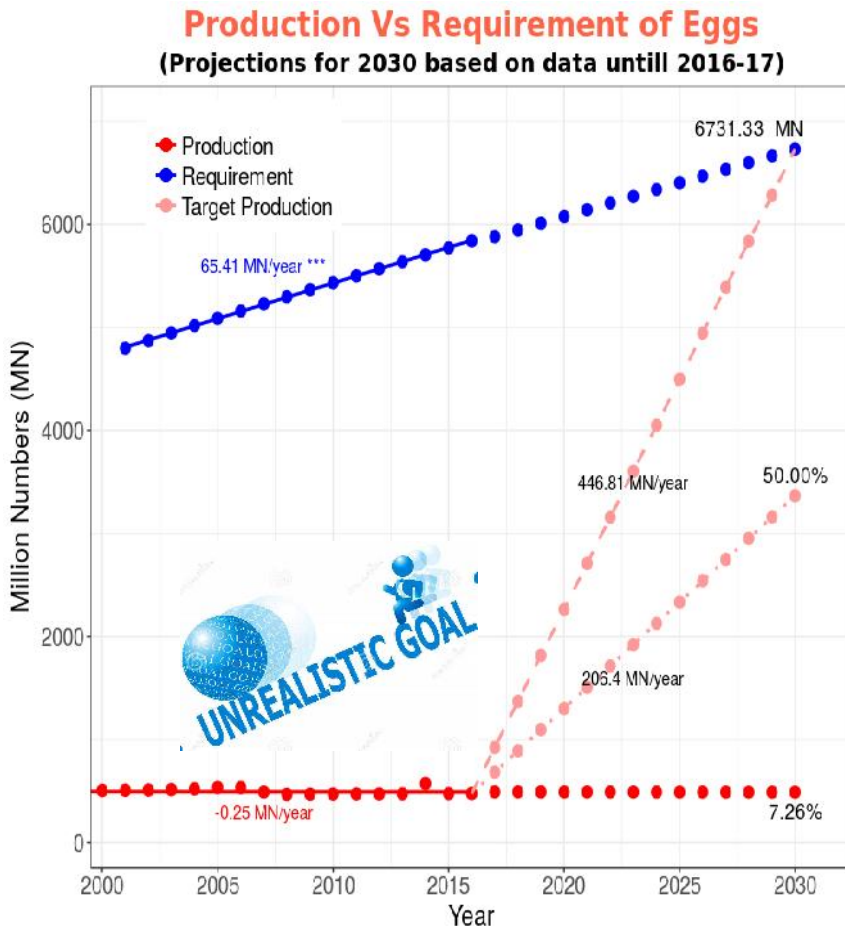
Factory Production Vs Sustainable Production

Production Vs Requirement of Milk (Projections for 2030 based on data untill 2016-17)



Production Vs Requirement of Meat (Projections for 2030 based on data untill 2016-17)





✓ Basis of all these analysis is ICMR recommendation and government sample survey of production data. *No single comprehensive demand study for local produce in last 10 years!*

✓ Inter-state import indicates supply gap but not the demand for locally produced products !



1



Sundarpukhuri Milk Co-Operative Society



Idealistic → realistic goal : *conduct demand survey for local produce / brands and fix realistic and sustainable production practice /target at the level of Panchayat, Production cluster and villages based on resource and preference, nutrition and environmental impact estimation.*





Inter state import



A total of 350 trucks carrying table eggs are entering Assam in a month. Out of these a minimum of 100 trucks are unloaded for consumption within Guwahati city alone. The calculation thus indicates total interstate import of table egg of 94.66 million per month.*

The hatcheries in North east India imports 2.4 million hatching egg per week or 9.6 million per month from other parts of the country.

Estimated total per day sale of broiler chicken in North east India is 661 tons out of which 521 tons are produced within the region and 140 tons enters the state from neighboring states.

Source: Report of Lotus Chicks Pvt Ltd (2016-17), Guwahati, Assam

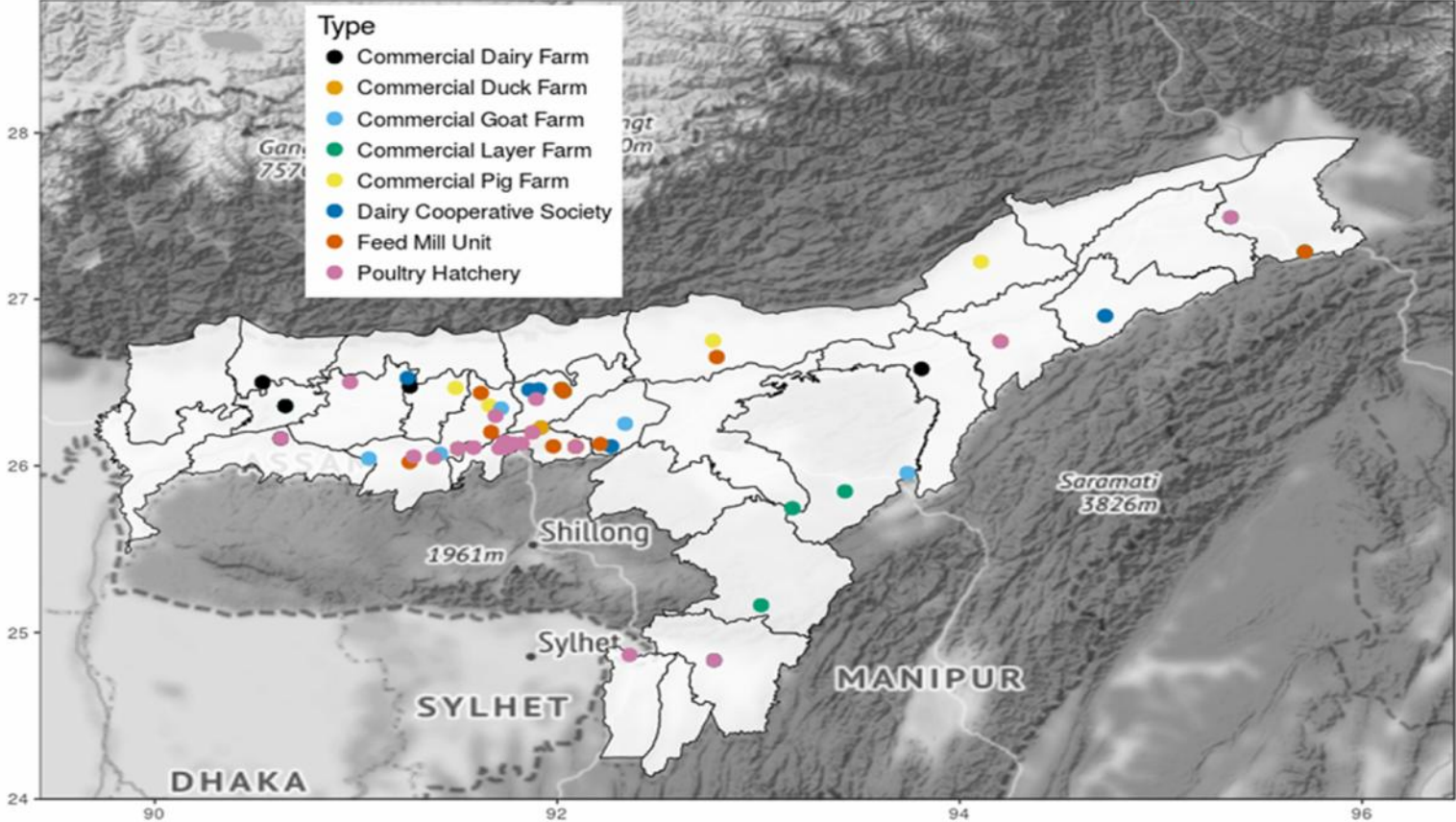
**One truck carries in an average 1288 cartoon having 210 eggs each or 270480 number of eggs*



Emergence of commercial farm operations



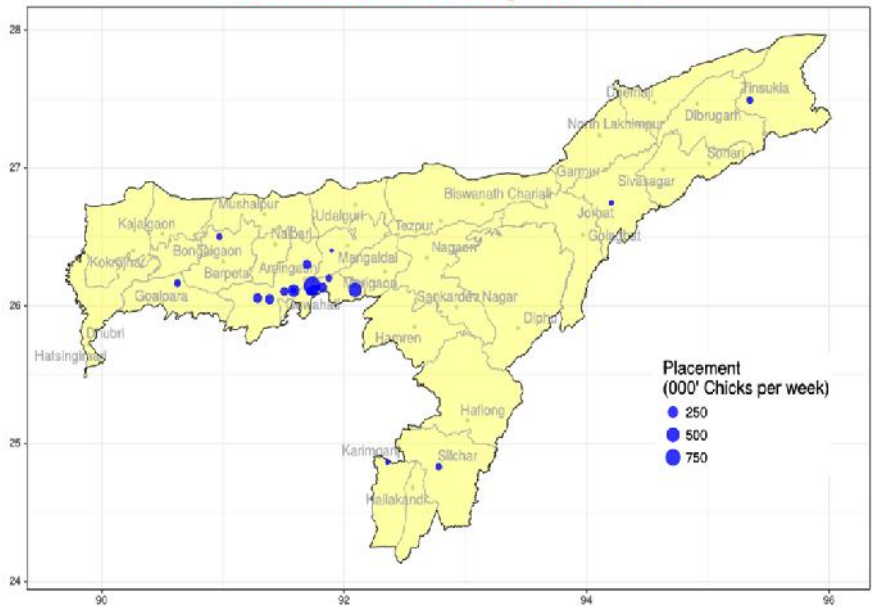
Locations of Some Prominent Private Enterprises



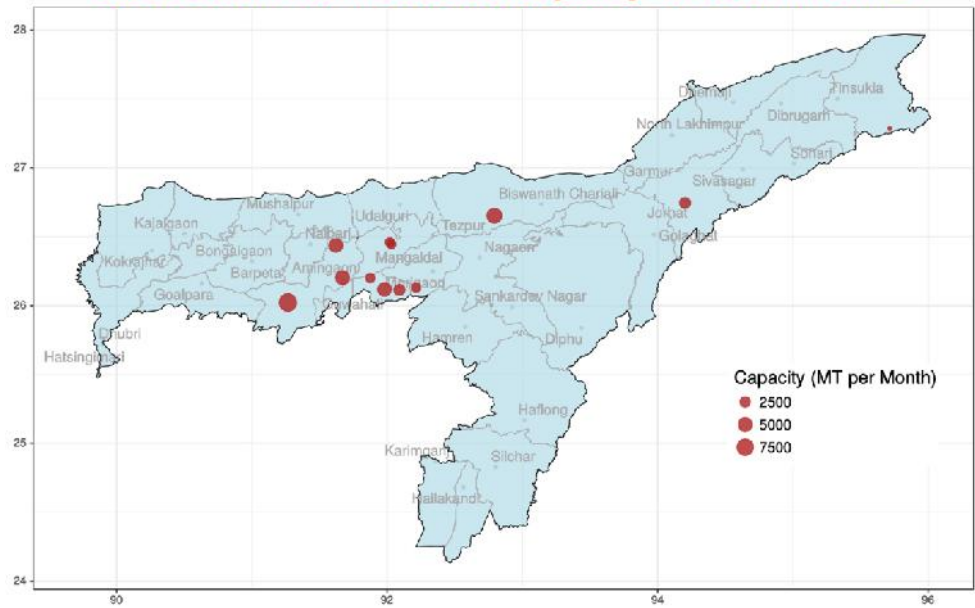
Emergence of value chain critical operations



Distribution of Poultry Hatcheries



Distribution and Production Capacity of Feed Mill Units



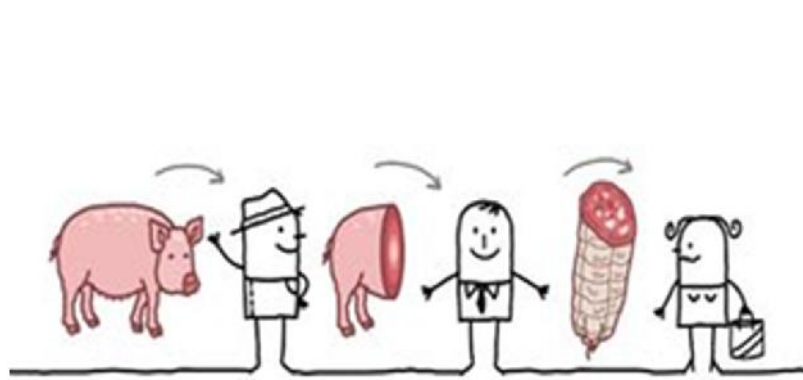


Unique Production Systems : *Khutis* in forest and riverine areas



Recognized '*Lakhimi*' Breed

2



Mass production → **market led** production: Focus on supporting **value chain critical operations**, safety, nutrition, brand building and niche marketing
(*Special emphasis on enterprises that uses state's unique farming system and indigenous animal as their branding strategy*)



3



Government farms as incubator for local entrepreneurs

*Public Investment in commercial production → **facilitation of production**: Focus on converting government farms as supplier of assets (e.g. Heifer, piglets etc.) to poor and **incubation, on-job skilling** cum **technology demonstration** facility involving local entrepreneurs and farmer collectives e.g. SHGs.*



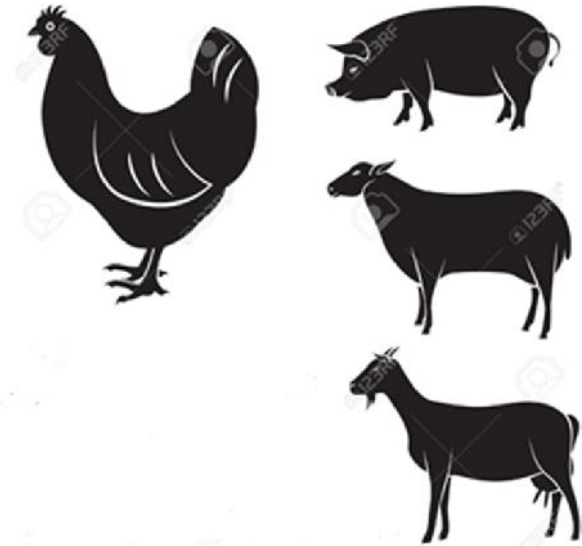
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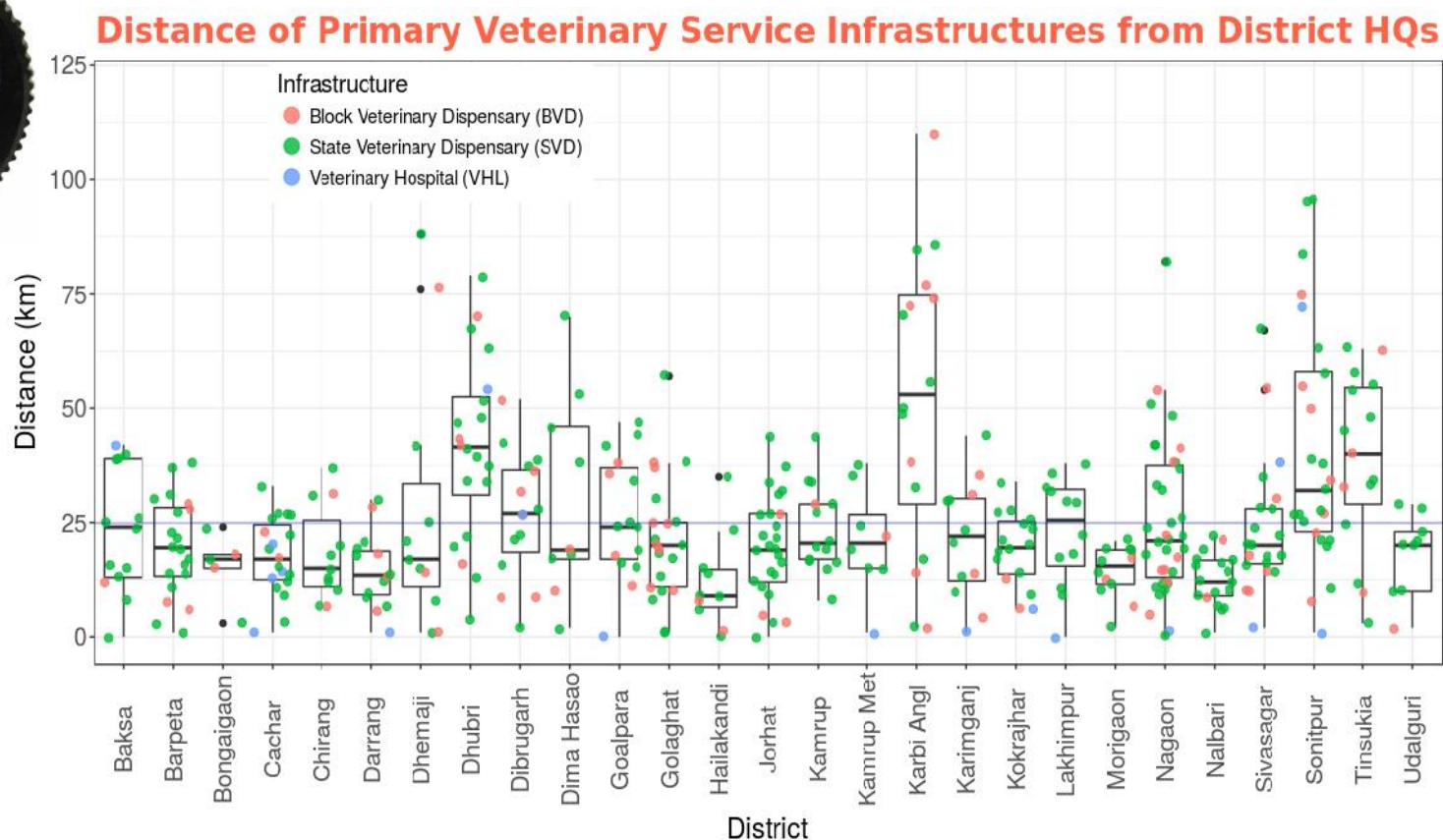
*Single species farming ➡ **integrated / multi-species** farming
: Focus on helping poor farmers to undertake multi-species
livestock farming as backyard alternative agri-linked
livelihood option.*



5

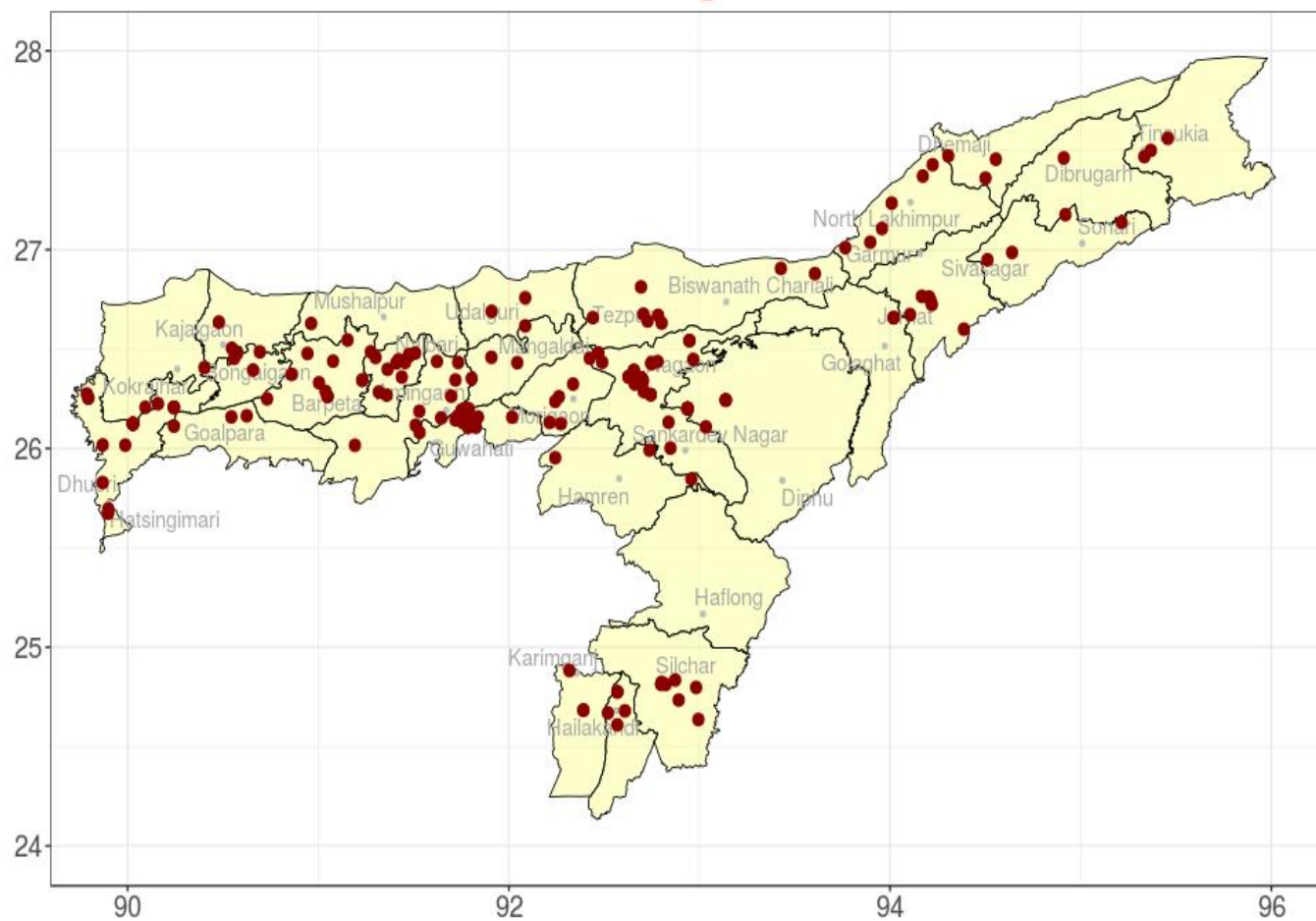


Renewed focus on revival of *khutis* (in char areas) and promotion of small farm animal and backyard poultry ownership in remote and hilly areas.



The state average of the aerial distance of a PVSIs -primary veterinary service infrastructure (SVD / BVD / VH) from district HQ is 25 km. There is hardly any PVSIs beyond 100 km.

Distribution of NGOs Working in the AH Sector in Assam

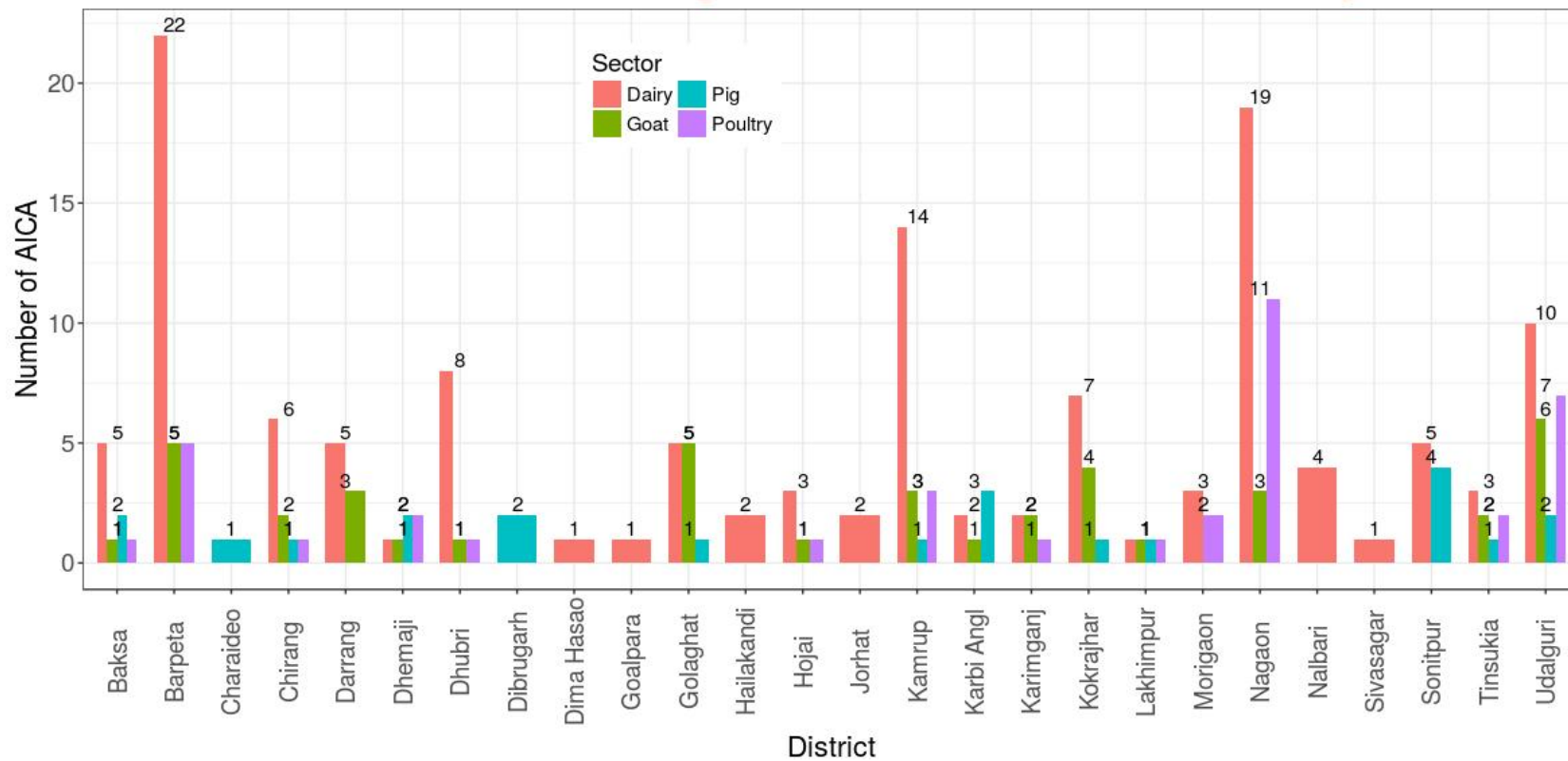


Source: NGO-DARPAN of NITI Aayog

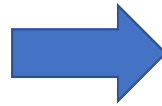
Potential to develop clusters:



District wise Areas showing Interest in Commercial Activity (AICA)



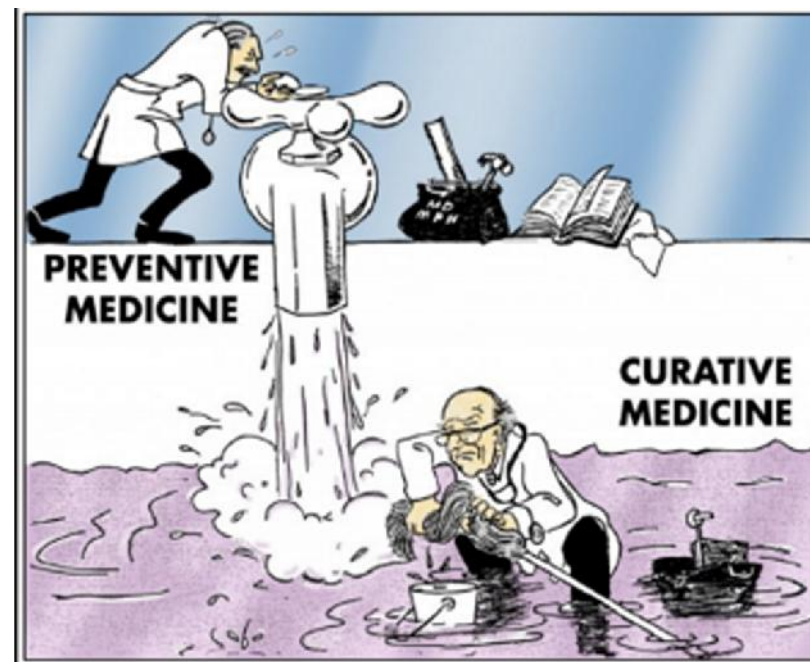
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Trade facilitation through disease control zone and targeted delivery of **laboratory**, **data** focused and **productivity oriented** quality veterinary and extension service to identified production clusters to scale up production of quality products.

Assist farmer organizations in clusters to hire productivity focus expert private service – if needed.

7



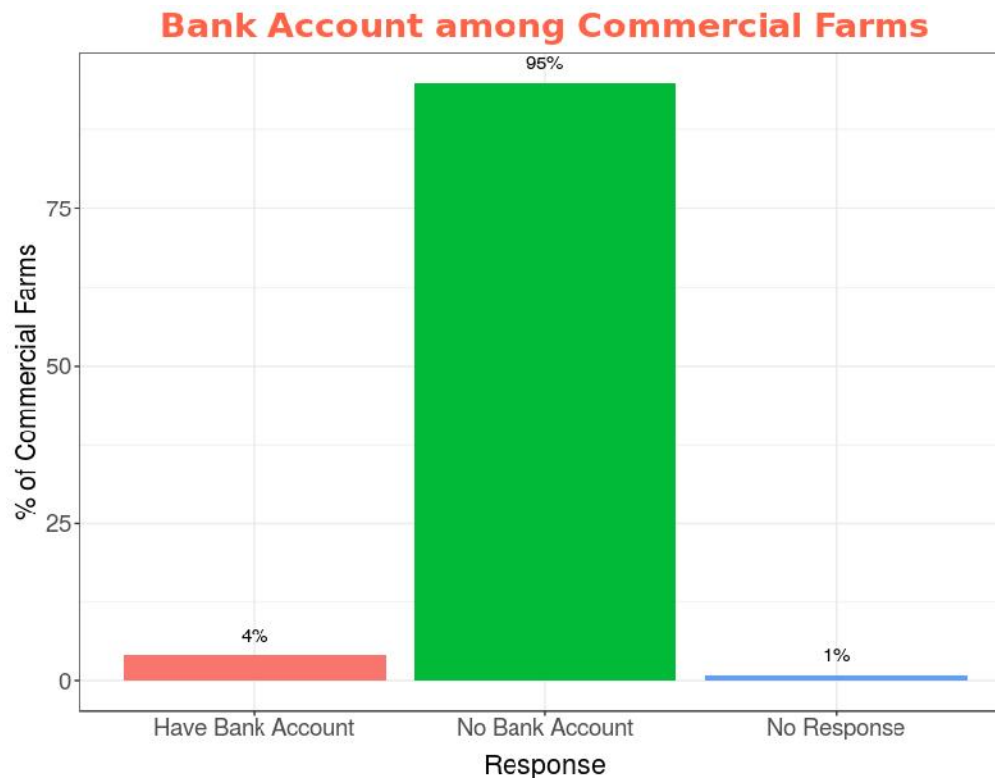
Isolated action ➡ Partnership with panchayat and community organizations to address the **'Last mile problem'** of preventive and curative service delivery for **livelihood** support to poor smallholder farmers.

8



Mass centric → **client centric** approach of services :
Investment on mobile facilities instead of static facilities to reach out to farmers at their door step.

9



Just 12% of the respondents reported availing loans from financial institutions for livestock farming. Only 4% of commercial farms have bank account in the name of their enterprises (Current Accounts).

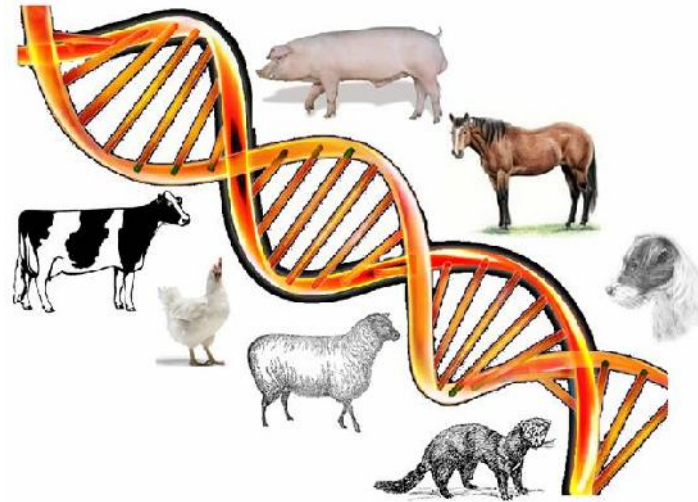
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Subsidy based credit support ➡ Supporting farmers with working capital and guiding them to become **creditworthy**.

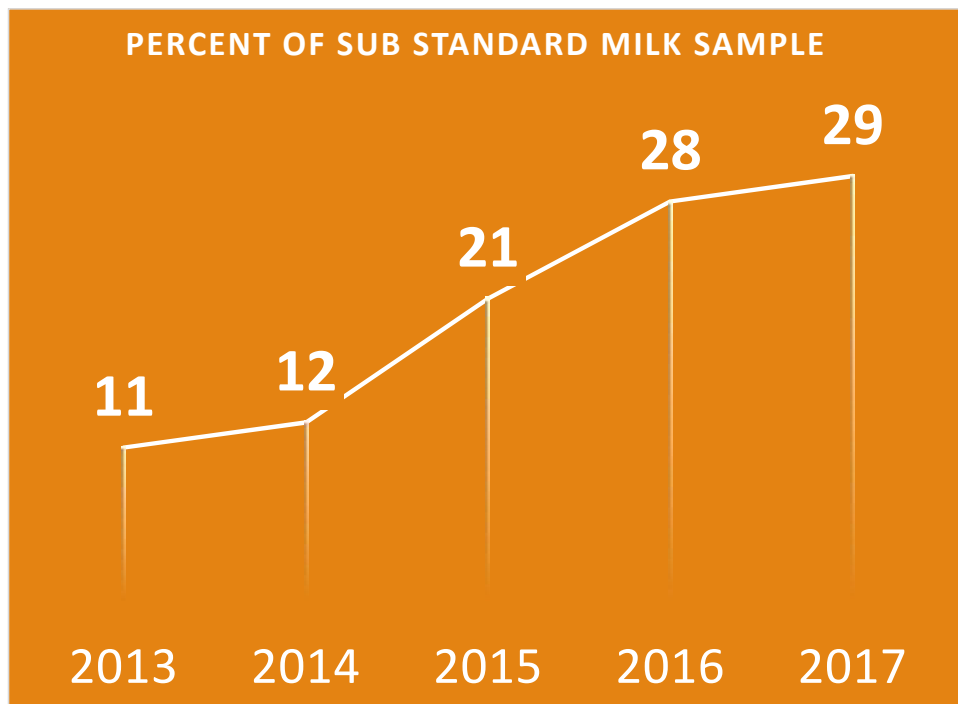
Promotion of current account, Kishan Credit Card for Livestock, Livestock Farm Decision Support system, Insurance, Private data service for productivity monitoring of supported units by banks etc.

11



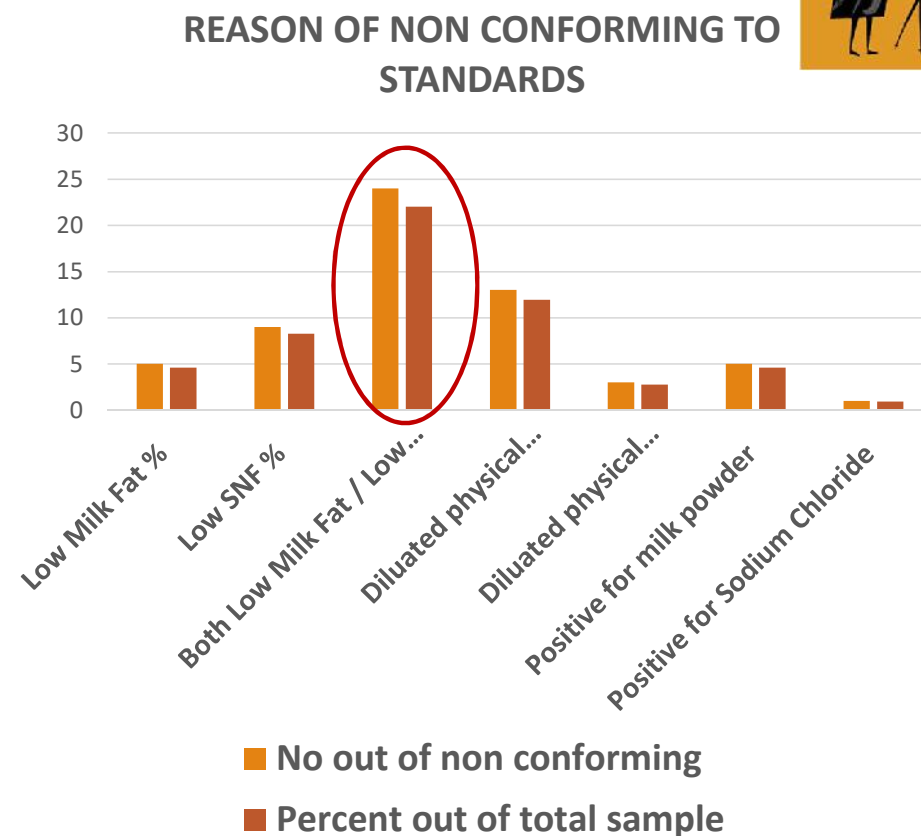
Artificial insemination (AI) ➡ **holistic breeding support**

Sharing of both benefit and risk of AI with farmers. Supporting them for planned breeding strategies for his / her farm in given context (*including handling of infertility, nutrition support and culling practices etc.*)



**Data: State Public Health Laboratory,
Commissionerate of Food Safety, Assam**

Analysis: Assam State Veterinary Roadmap Project 2017 -18



**Data: National Survey on Adulteration of Milk,
2011, FSSAI, Assam**



12



Public funded simple retail out-let for marketing of produce of farmers ➡ Holistic support for **better price realization by farmers.**

Technical committee to support development of a system of real time monitoring of demand, standards, cost of production and market practices to support implementation of law to protect interest of farmers and to declare price of livestock produce / farm inputs specific to standards for empowerment of farmers and market to respond.

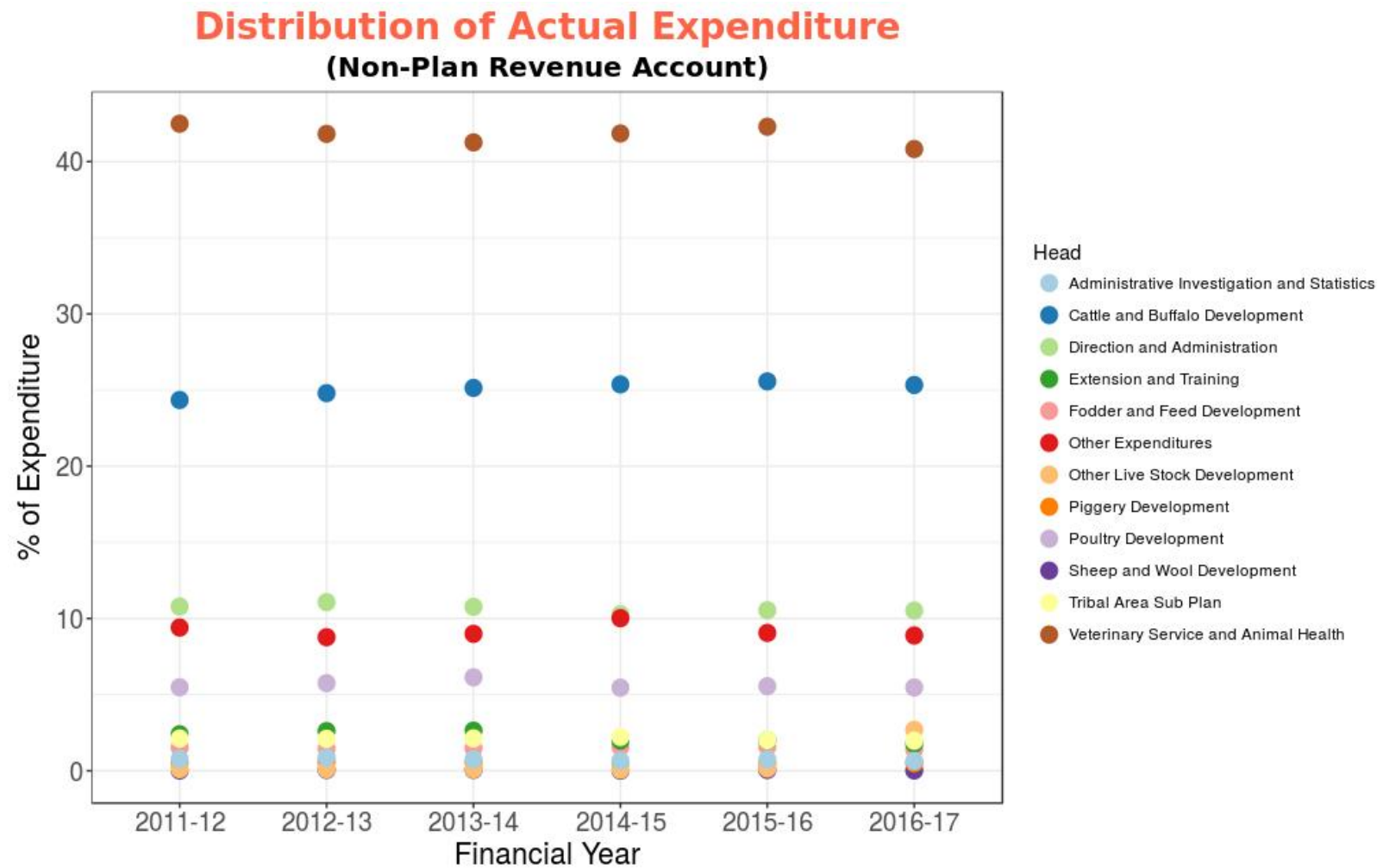
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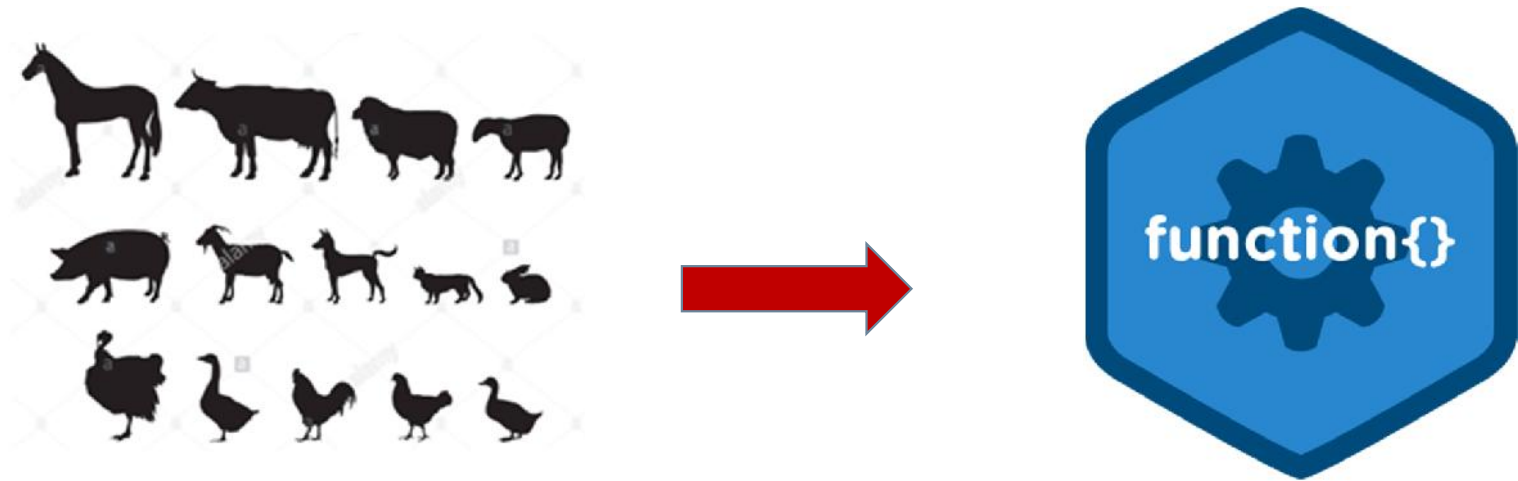
Public investment in modern processing



Support for scaling up of **cottage milk processing, traditional meat products and economic use of farm by-products.**





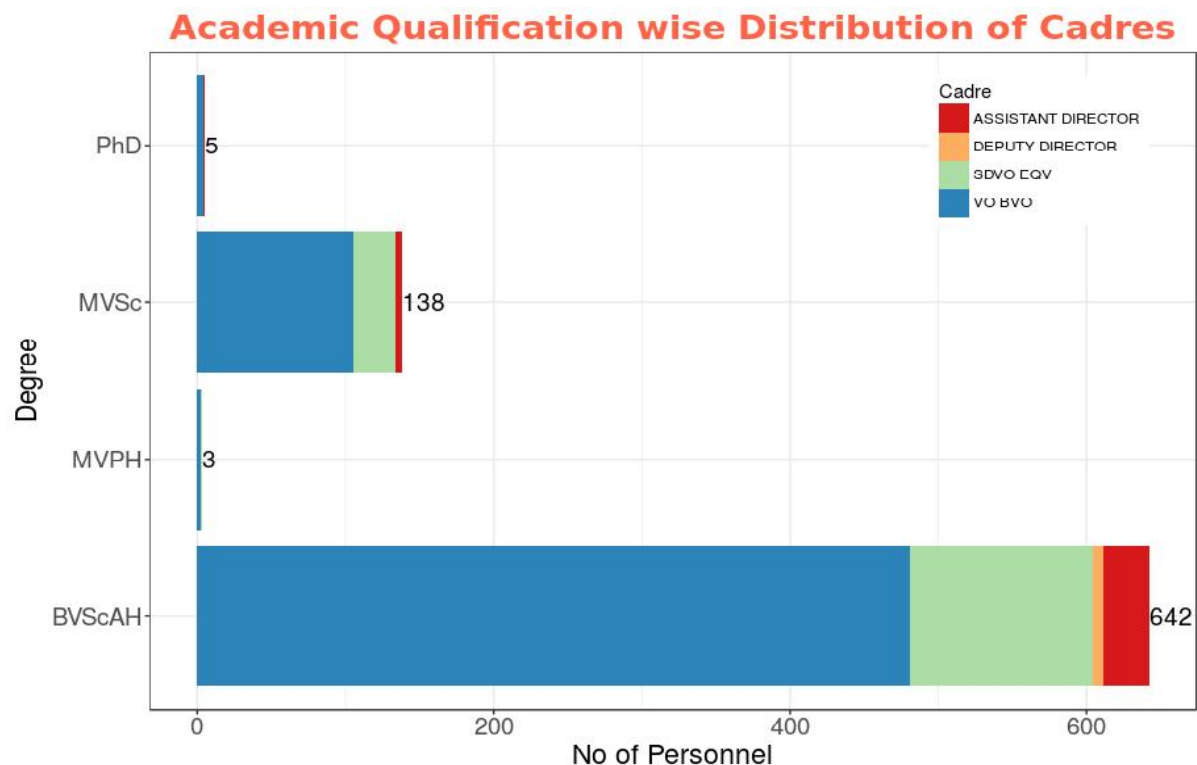


14

*Species focus to **function focus** : Re-orient department budget, plans and programs under functional head for strong HR management and monitoring.*



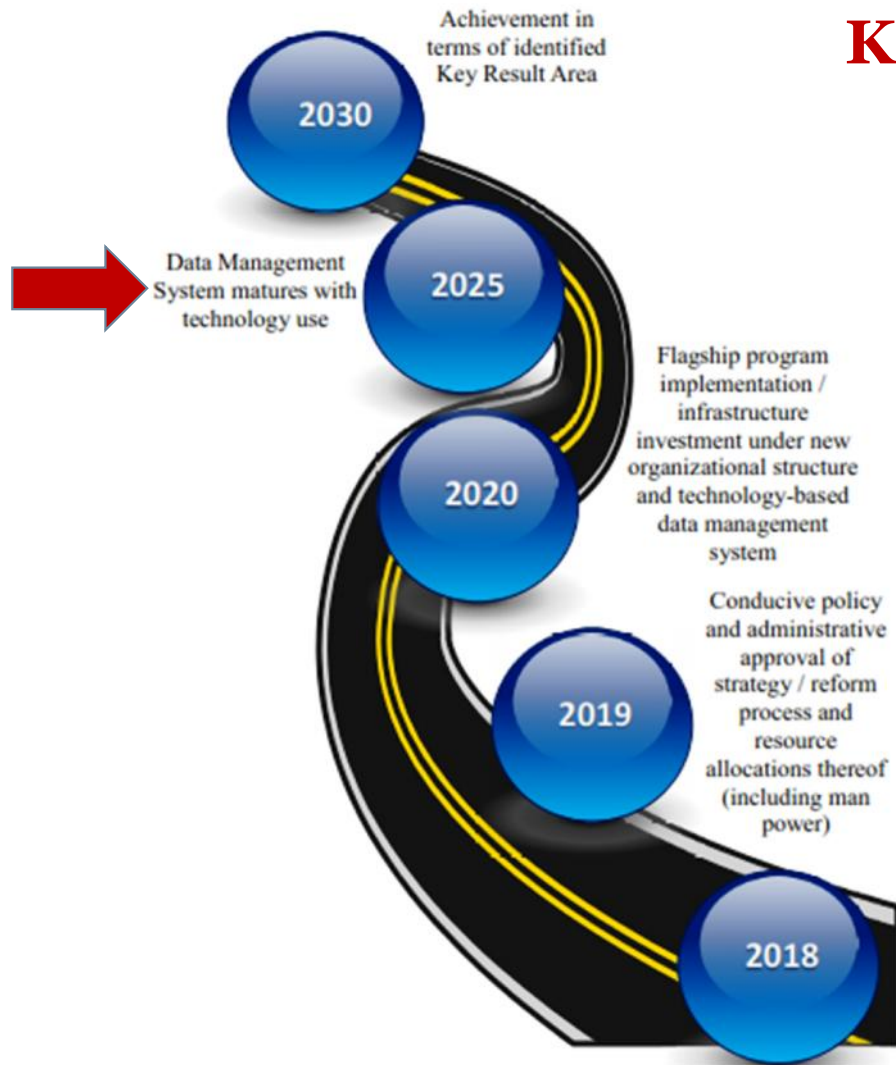
15



General appointment to **specialized appointments within line departments and agencies**: Ensure skill enhancement of officials and engagement of more specialized persons based on mandated functions.



Key Imperative for strong monitoring:



1

Data Management System based on IT based premises registration with scope of real time data analysis at farm (Public / Private) and facility level.

2

Each entity / functional division as Independent Strategic Unit (ISU) for Resource allocation and performance evaluation based on outcome indicators.

3

Strategic Asset /Land Use Initiative





Vet Helpline India (P) Ltd

Corporate Identification Number, GOI - U85200AS2000PTC006298

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web:vethelplineindia.co.in

E-mail: info@vethelplineindia.co.in

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Thank You!

We help organizations conduct studies and implement development projects in the field of animal health care, animal welfare, livestock development, food safety and public health.

