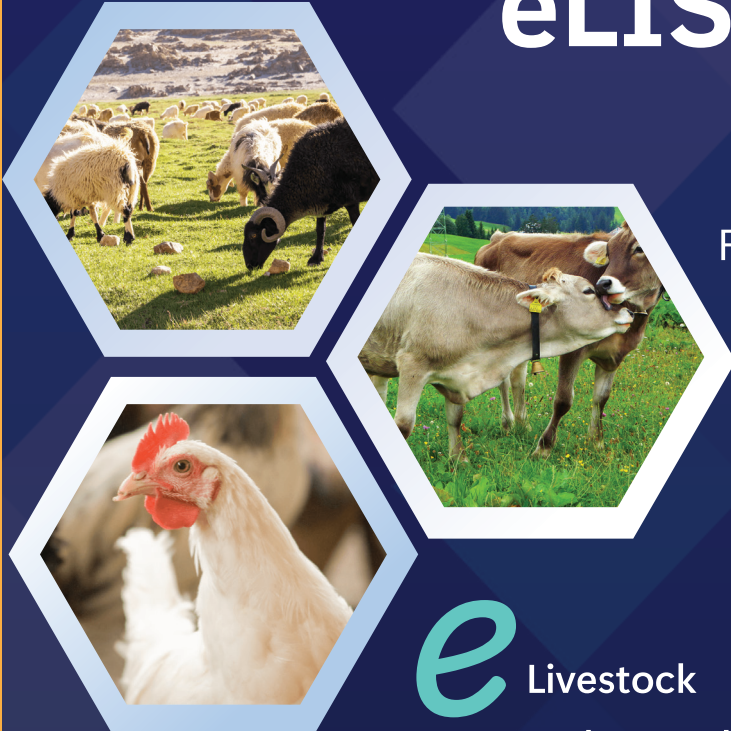




eLISS End-to-End Solution

For Major Livestock Products



e Livestock Integrated Sample Survey (eLISS) End-to-End Solution comprises of web portal and data collection app for generating estimates for number of animals and production of Milk, Meat, Egg and Wool at District/State/UT/National level

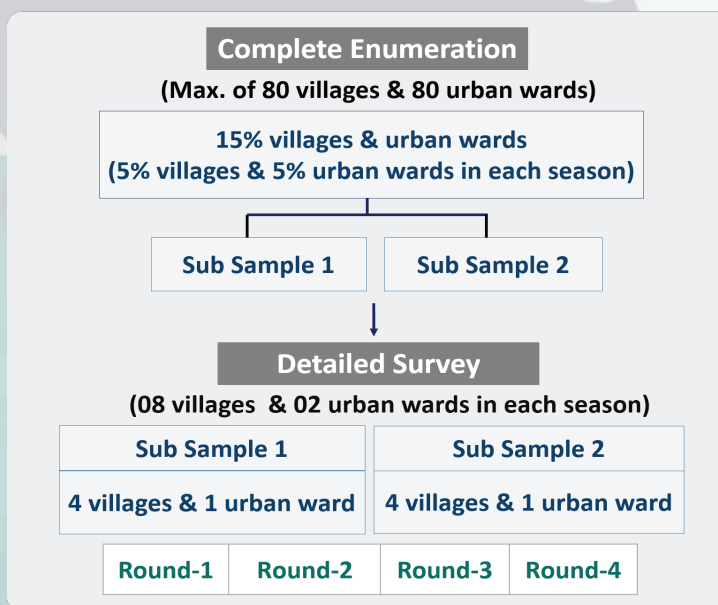


ISS Methodology

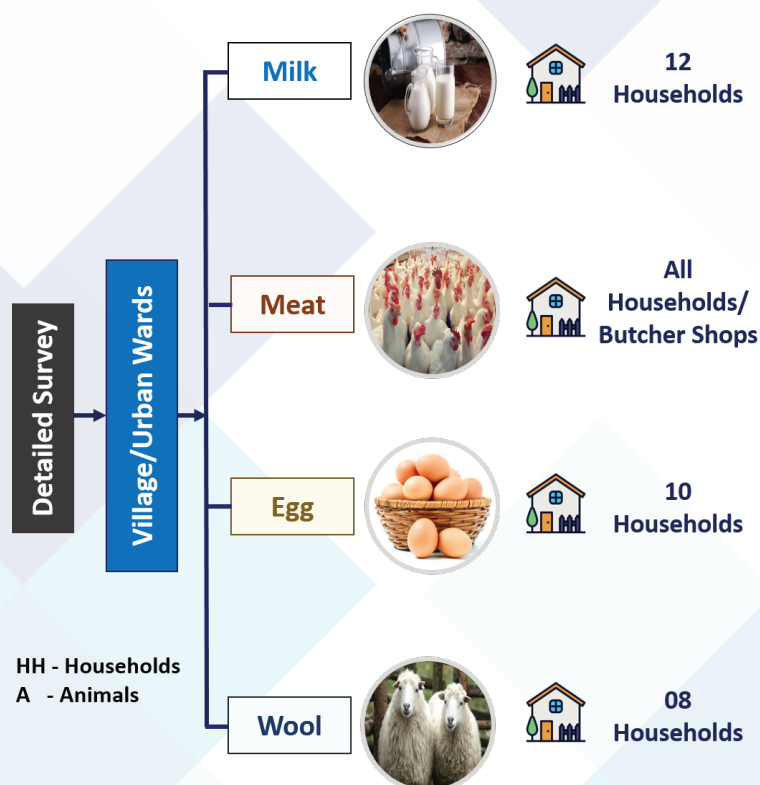
Sampling Design and Sample Size

Stratified three stage Random Sampling design is adopted. The sample is selected with Simple Random Sampling Without Replacement (SRSWOR).

First Stage Unit



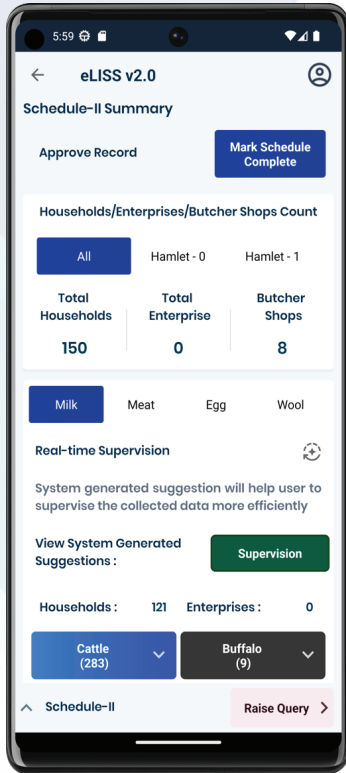
Second & Third Stage Unit



Milk	Group	No. of HH	No. of Animals	
Cattle	Exotic	02	02	
	Crossbred	02	02	
	Indigenous	02	02	
Buffalo	Indigenous	02	02	
	Non-Descript	02	02	
Goat	-	*	All Goats	
Total		12 HH	24 A	
All Meat Animals				
Cattle	Buffalo	Goat		
Sheep	Pig	Poultry		
All Egg Laying Birds				
Duck		Fowl		
Wool	Group	No. of HH	No. of Animals	Total
Sheep	Ram	8	2	16
	Ewe	8	2	16
	Lamb	8	2	16
Total		24 HH		48 A

* - In case selected households are not having in milch goats, two additional Households to be selected.


Field Data Collection using eLISS App



Schedule-I
General information


- Human population
- No. of Households
- Disease outbreak
- Geographical area
- Distance from various centers

Schedule-III
Milk



- Morning yield
- Noon yield
- Evening yield

Schedule-V
Egg production from commercial poultry farms




- No of layers
- Average yield/season

Schedule-II
Complete Enumeration

- Household/Owner Name
- No. of animals pertaining to milk, egg and wool
- No. of animals slaughtered pertaining to meat

Schedule-IV
Egg



- No. of layers
- Eggs produced
- No. of layers used for meat

Schedule-VII
Meat Production from Slaughter Houses



- No. of animals slaughtered
- Dressing percentage

Schedule-VI
Wool



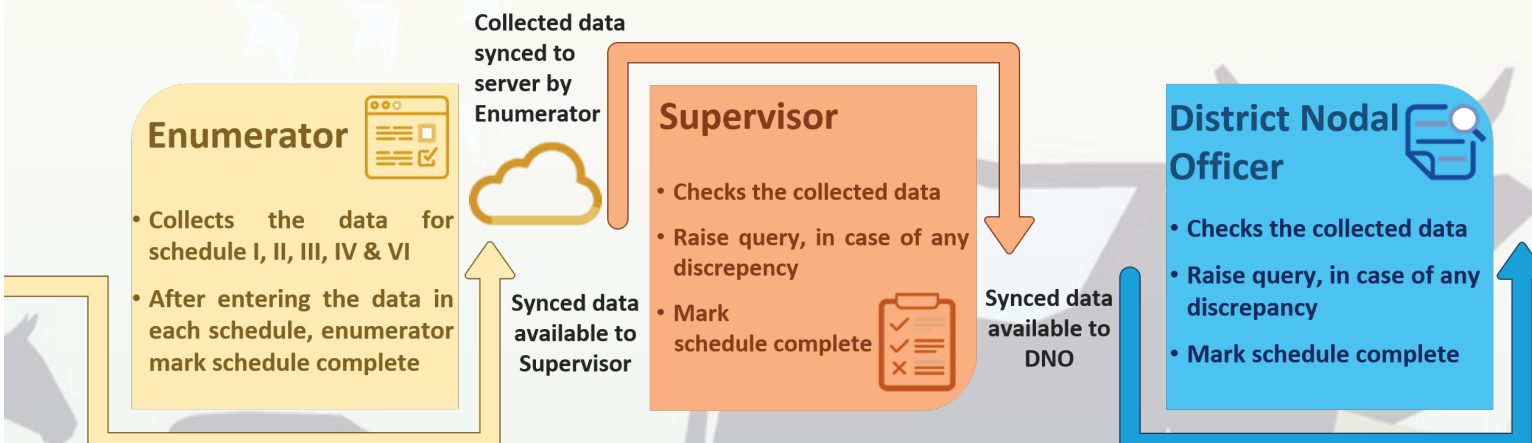
- No. of sheep
- Sheep sheared
- Wool yield

Schedule-VIII
Meat production from commercial poultry farms

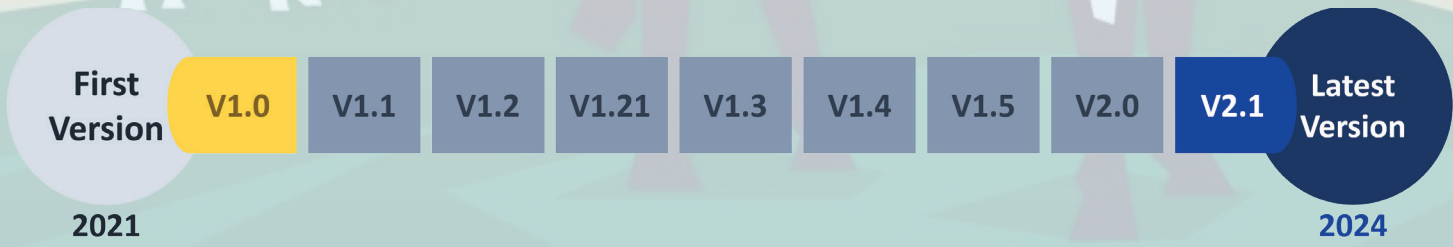


- Chicks placed in broiler
- Survival percentage





Data Supervision using eLISS App



Versions of eLISS App



Implementation

Trainings Conducted	Pilot Surveys Conducted	Automated Query Module	Technical Support
 <p>For implementation, Online and Offline trainings were conducted in six zones in the country covering all States/UTs.</p>	 <p>Pilot Survey conducted in 25 Districts of 14 States. Suggestions and Feedbacks were incorporated.</p>	 <p>Automated query module for generating real time responses based on queries raised by DNO/Supervisor/Enumerator.</p>	 <p>On-Call E-Mail Whatsapp</p> <p>10,000+ queries are resolved using above support methods</p>

Offline Trainings




National Level Training

06 Programs

850+ Participants

Two Days Session with Hands-on

Open Discussion

Online Trainings



All India Trainings

3000+ Participants

11 Sessions

Material Provided

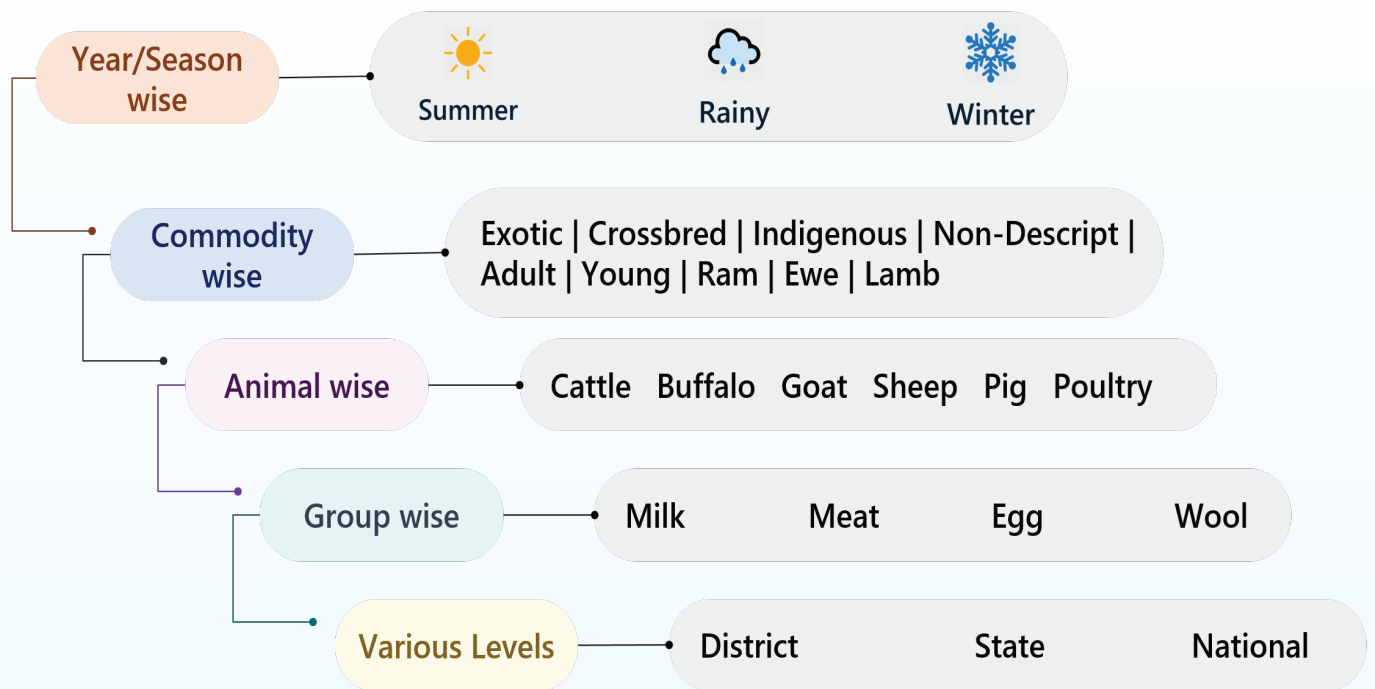
- PDF Tutorials
- Video Tutorials
- FAQs
- Operational Manual

Generation of Livestock Statistics

Number of animals/layers/slaughtered

Average Yield

Production



Nationwide Usage Statistics

1,31,000
Villages/ Urban
Wards Surveyed

2.01 Cr+
Households/
Enterprises
Surveyed

26,000+
Active
Enumerators

29,000+
Commercial
Poultry Farms
Surveyed

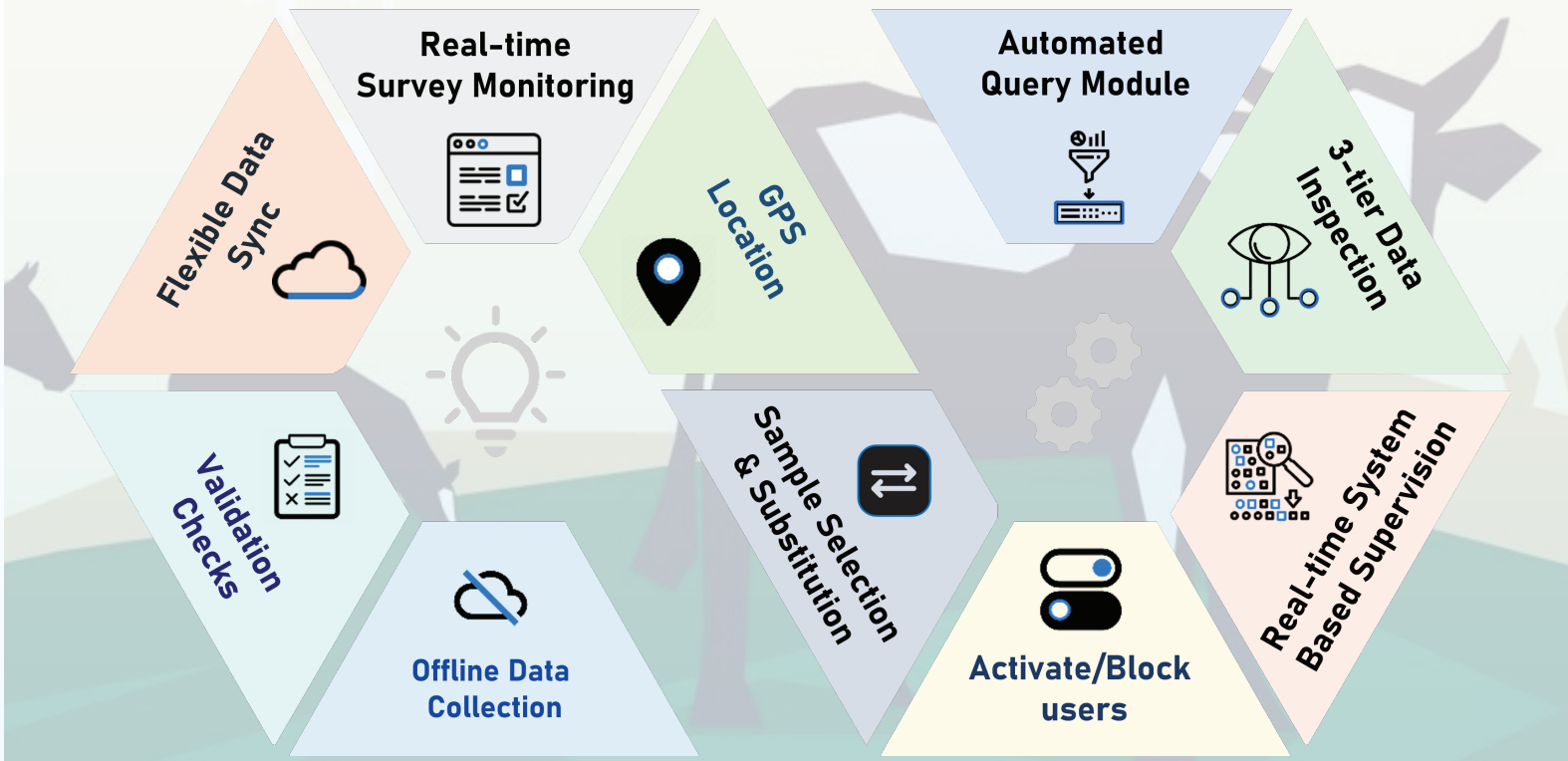
654
Slaughter Houses
Surveyed

36
States/UTs
Officials

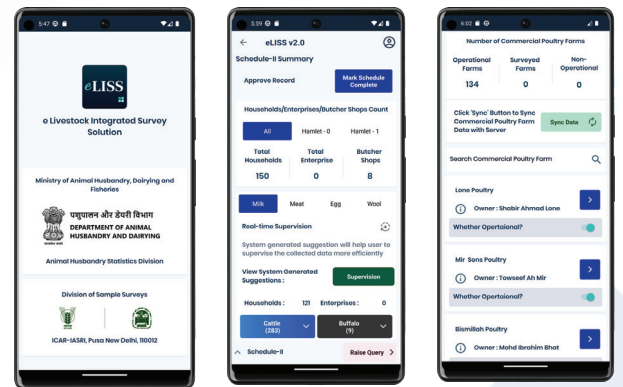
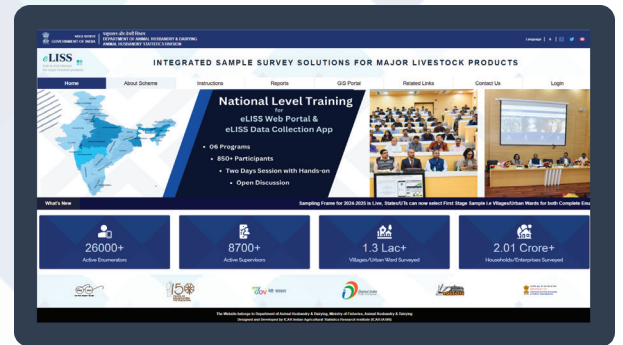
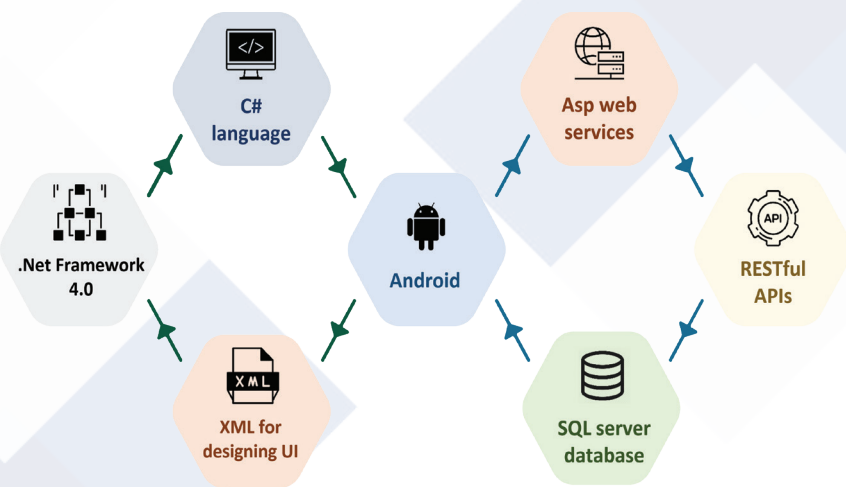
751
District Nodal
Officers

8,700+
Active
Supervisors

Features of eLISS End-to-End Solution



Technology Used



Meet the Team

Division of Sample Surveys, ICAR-IASRI, New Delhi

DR. PRACHI MISRA SAHOO

Principal Scientist & Principal Investigator

DR. TAUQUEER AHMAD
Head & Principal Scientist

DR. ANKUR BISWAS
Sr. Scientist

DR. RAJU KUMAR
Scientist

DR. RAHUL BANERJEE
Scientist

DR. PANKAJ DAS
Scientist

MR. CHIRAG VASUDEV
DevOPS Developer

MS. MEGHA CHOPRA
Database Admin