



HESTER

Hester Biosciences Limited

Serving Animal Health Since 1997

MISSION

Better health for human beings through healthier animals

VISION

Building the future on a foundation of excellence

CORE VALUES

Integrity • Innovation • Passion • Discipline • Trust

Product Range

Vaccines

Immunisation



Health Products

Preventive Therapeutic

Curative Therapeutic

Growth Promotion

Hygiene



Diagnostic Kits

Disease Identification



Vaccines

Poultry

- Newcastle
- Infectious Bronchitis
- Infectious Bursal
- Reo
- Fowl Pox
- Marek's
- Coryza
- Fowl Cholera
- EDS
- MG
- IBH
- Fowl Typhoid (Salmonella)

Large Animal *

- PPR
- Goat Pox
- Brucella Abortus



* Cattle, Buffalo, Sheep, Goat, Swine

Health Products

Poultry

Drugs

- Anti Infective

Feed Supplement

- Growth Tonic
- Toxin Binder
- Water Sanitiser
- Herbal Supplement

Disinfectants

- Farms and Equipment
- Water Sanitiser

Large Animal

Drugs

- Anti Infective
- Anti Parasite
- NSAIDs
- Anthelmintic

Feed Supplement

- Growth Tonic
- Mineral Mixture
- Fertility Supplement
- Bypass Fat

Disinfectants

- Udder Management
- Farms and Equipment



Diagnostic Kits

Diagnostic Antigen

- Brucella Rose Bengal
- Salmonella Pullorum Coloured Antigen

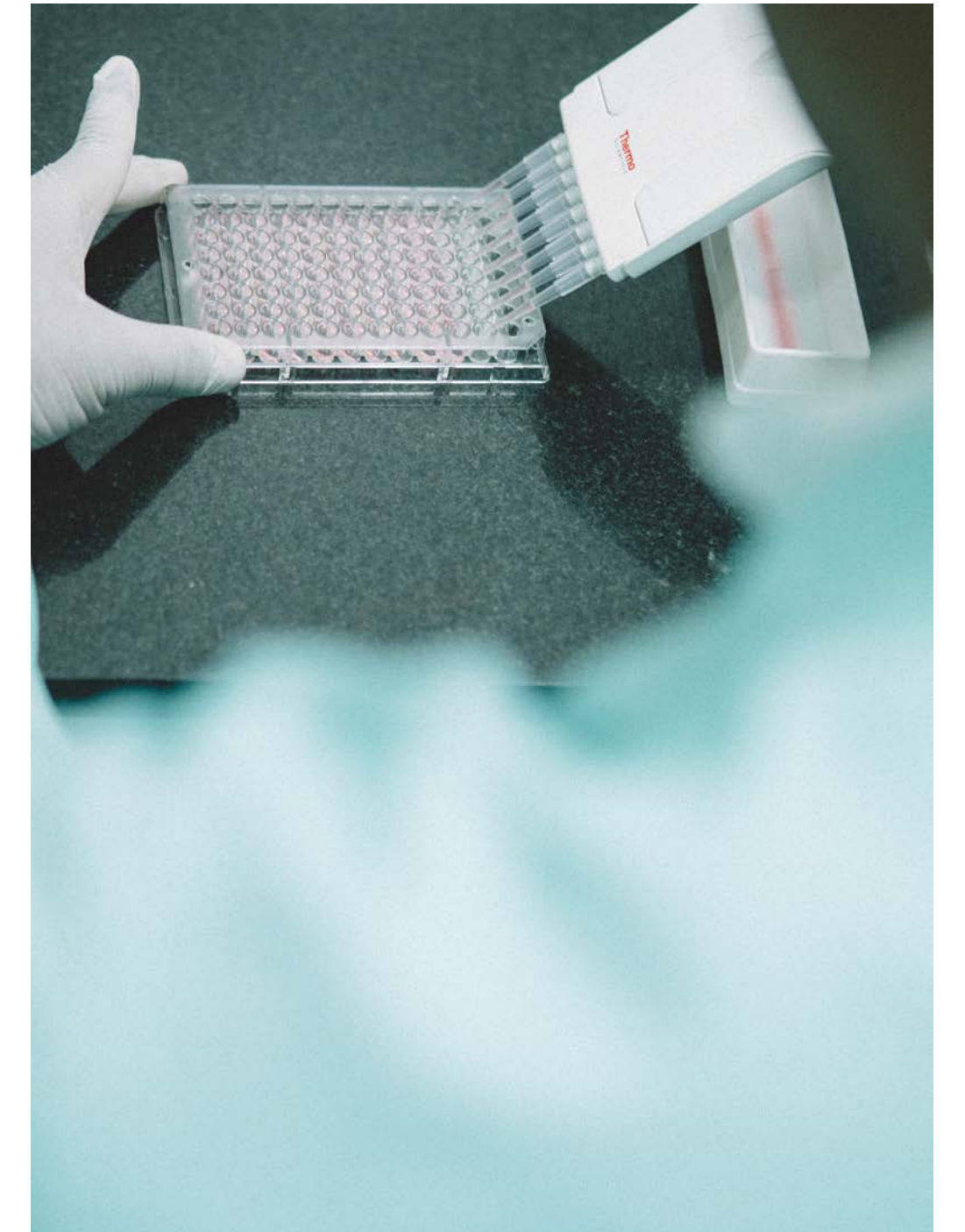
PCR

- Marek's Disease
- Inclusion Body Hepatitis
- Infectious Laryngotracheitis
- Newcastle Disease
- Fowl typhoid & Pullorum

ELISA

- Newcastle Disease
- Infectious Bronchitis
- Infectious Bursal Disease
- Egg drop Syndrome Disease
- Mycoplasma Gallisepticum & Mycoplasma Synoviae

- Licensed
- Under Licensing



Research & Development

- **Monitoring of animal diseases - Geographical surveillance**
Isolation → Identification → Characterisation
- **Development of New Generation Recombinant Vaccines**
- **Range expansion of Animal Disease Diagnostic Kits**
- **Modification of PPR Vaccine**
Intranasal delivery
Thermostable Characteristic



Team Profile

Qualification	Number
Ph.D	9
M. V. Sc.	6
B. V. Sc.	5
M. Sc.	44
B. Sc.	36
MBA	18
Pharmacist	6
Engineer	26
Chartered Accountant	2

346

employees across functions



Strengths

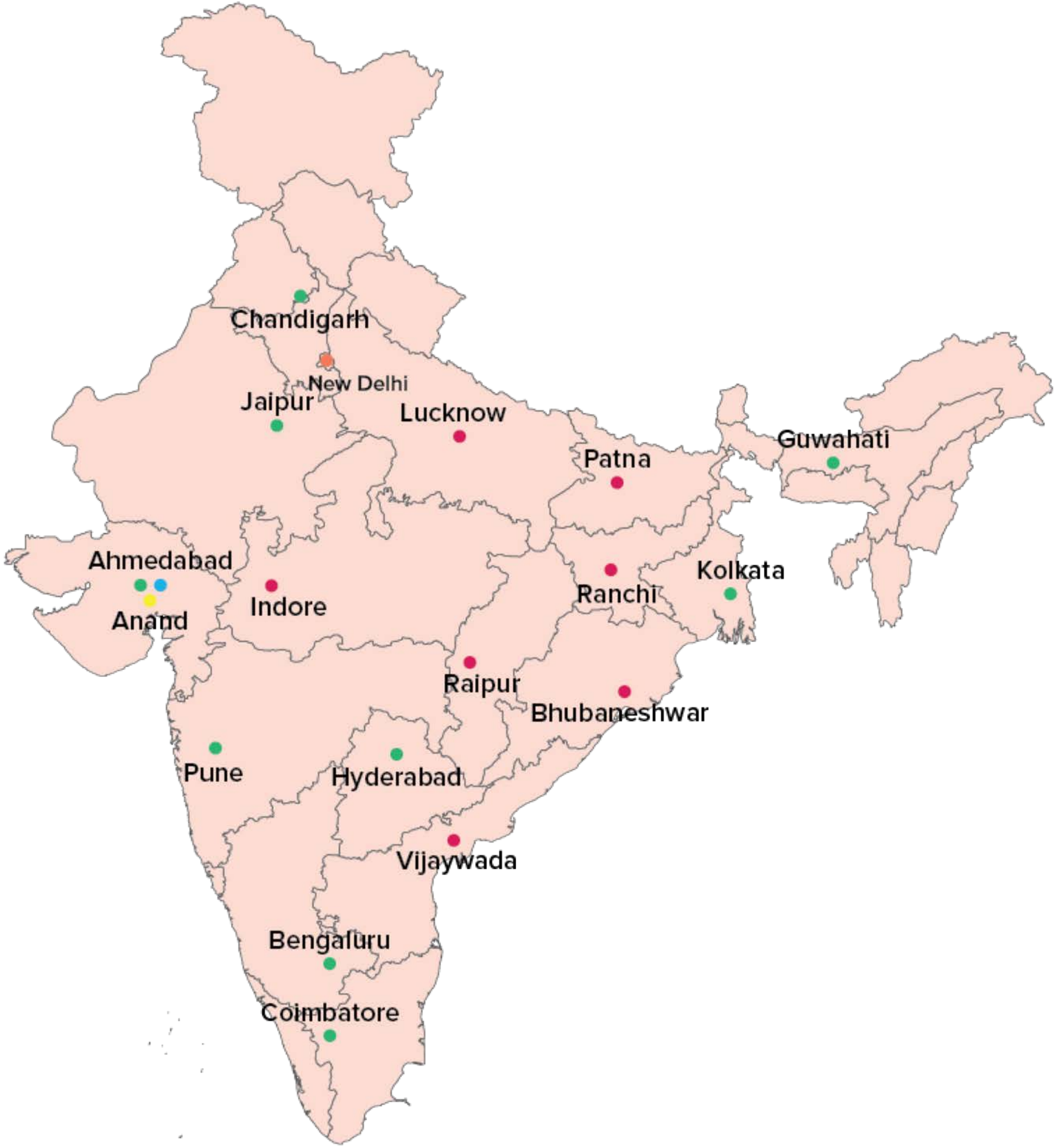
- Access to changing technologies
- Strong in-house R&D capabilities
- World class infrastructure
- Low attrition rate



India Operations

Land Area	92,800 m ²
Production	10,500 m ²
QC	2,600 m ²
R&D Unit	2,700 m ²
Animal Testing	2,000 m ²
Ongoing Construction	4,500 m ²

	Type of Infrastructure	Number
●	Manufacturing Unit	1
●	Diagnostic Laboratory	1
●	Sales Depots	9
●	Super Distributors	7
	Stockists	> 500



● National Capital

India Operation Revenue *(in INR Mn)*

FY April 2017 - March 2018

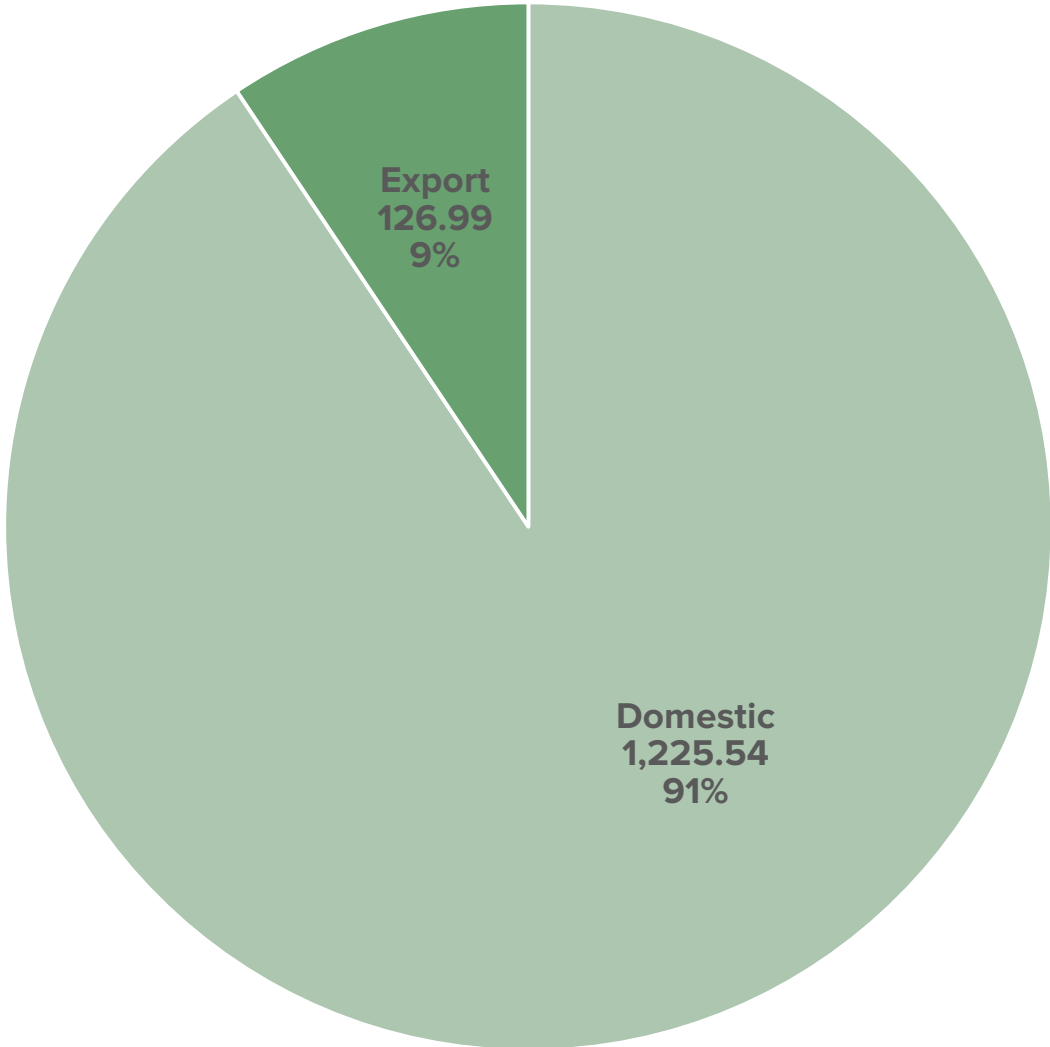
Poultry

Vaccines	1,115.97	83%
Health Products	57.98	4%

Large Animal

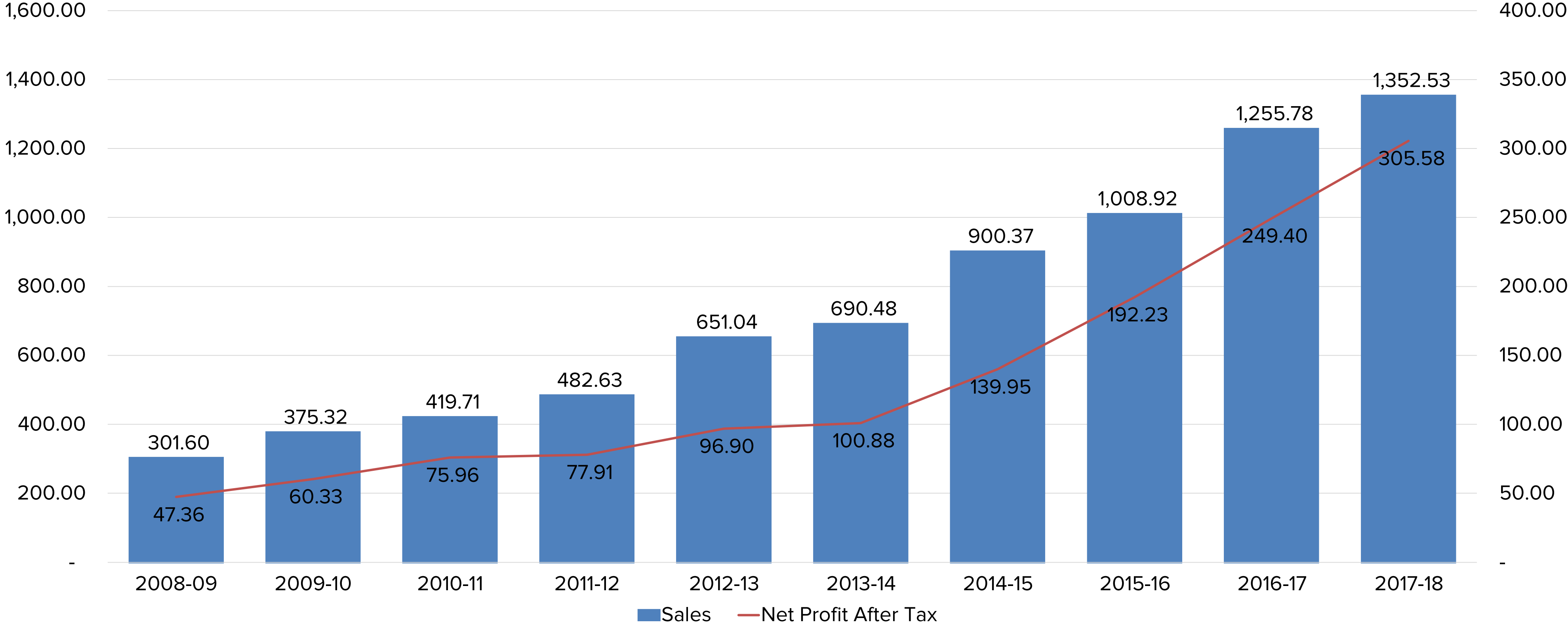
Vaccines	77.41	6%
Health Products	101.17	7%

Total	1,352.53	100%
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India Operation Financial Performance

Values in INR Mn



Nepal Operation



Objectives

- Complement the INDIAN range of Animal Vaccines
- Make NEPAL self sufficient in Animal Vaccines
- Work with the Government of Nepal for control of Animal Diseases

Way Ahead for Hester

Striving to become a Global Animal Health Company

- Developing New Generation Vaccines
- Increasing product range
- Increasing geographical territory

Creation of an International marketing & distribution network with a focus on Africa

A Green Field Project in Tanzania to manufacture Animal Vaccines

- Looking at distribution or manufacturing joint ventures



Accreditation

“One priority is animal health. Diseases can wipe out flocks and herds, driving smallholders even further into poverty. For example, Newcastle Disease can kill three-quarters of the chickens in a flock during an outbreak. Through a partnership with Hester Biosciences, there is now a vaccine that costs just three cents a dose.”

– Mr. Bill Gates at Smallholder-led Agricultural Transformation Summit Andhra Pradesh, India, 17 November 2017

<https://www.youtube.com/watch?v=wueDPVw7jsI&feature=youtu.be>



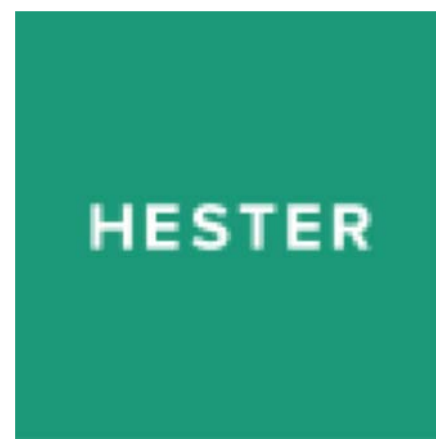
Photo Source: Business Insider India







HESTER



Hester Biosciences Limited

A Proven Past & A Promising Future