



Agrinnovate  
India

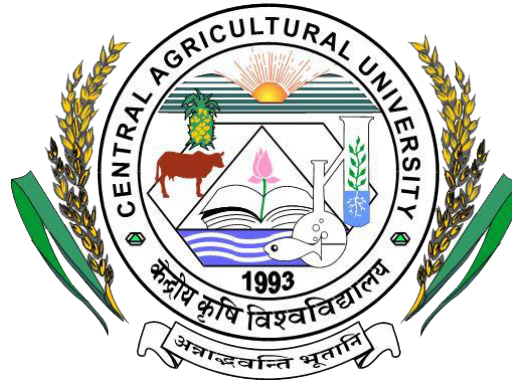
# AGRINNOVATE INDIA LIMITED

Ravinderjit Singh, CEO, AgIn

# Department of Agricultural Research and Education, Ministry of Agriculture and Farmer Welfare



Apex body for co-ordinating,  
guiding and managing research  
and education in agriculture in  
the entire country.



To be a centre of excellence in  
teaching, research and extension  
education in the field of agriculture  
and allied sectors in North East India



Commercial Arm of National  
Agricultural Research System



# Agrinnovate India Limited



Agrinnovate India Limited was incorporated under the Companies Act, 1956 (No.1 of 1956) on 19<sup>th</sup> October, 2011. It is a '*For profit*' Company owned by Government of India, under the administrative control of DARE, Ministry of Agriculture.



Stimulate, foster, enhance and catalyze innovation and capacity driven agricultural development through partnerships



Enhancing pace of agricultural development through efficient use of innovations, human resource and capabilities of National Agricultural Research System (NARS)



# Board of Directors

- **Dr. Trilochan Mohapatra, (Chairman)**
- **Shri Chhabilendra Roul (Vice Chairman)**
- **Shri. Surendra Nath Tripathi (Director)**
- **Shri. Ashok Dalwai (Director)**
- **Dr. Suresh S. Honnappagol (Director)**
- **Dr. Sanjeev Saxena (Director)**

# Crop Science

- 27 National Institutes
- 27 All-India Coordinated Research Projects, and
- 5 All-India Network Projects
- Focus
  - (i) Food and Fodder Crops,
  - (ii) Oilseeds and Pulses,
  - (iii) Commercial Crops,
  - (iv) Seeds,
  - (v) Plant Protection, and
  - (vi) Intellectual Property Rights.



# Horticulture

- 23 National Institutes
- 13 All-India Coordinated Research Projects, and
- 6 All-India Network Projects
- Focus
  - Fruits including nuts,
  - Vegetables including potato, tuber crops, Mushroom,
  - Ornamental plants including cut flowers,
  - Spices,
  - Plantation crops and
  - Medicinal and Aromatic plants



# Natural Resource Management

- 16 National Institutes
- Focus:
  - Land Resource Characterization, Management & Land Use Planning
  - Soil Health, Nutrient & Water Management
  - Management of Problematic Soils – Saline, Alkaline, Acidic and Waterlogged Soils
  - Soil and Water Conservation-Watershed Management
  - Crop Diversification
  - Rainfed /Dryland Farming
  - Agroforestry, Arid Land & Weed Management
  - Development of Integrated Farming Systems
  - Evaluation of Resource Conservation Technologies



# Animal Sciences

- 19 National Institutes
- 7 All-India Coordinated Research Projects, and
- 8 All-India Network Projects
- 3 Mega Seed Project (Poultry, Sheep and Pig)
- Focus
  - ▣ Molecular signatures for indigenous livestock resources
  - ▣ Exploitation of genetic resistance through marker assisted selection for disease management
  - ▣ Buffalo and goat genomics
  - ▣ Stem cell research for animal health and production
  - ▣ Nutrigenomics, Nutraceuticals, Functional foods
  - ▣ Probiotics/ prebiotics
  - ▣ Diagnostics and immuno prophylactics
  - ▣ Recombinant DNA vaccines.
  - ▣ Monitoring and surveillance for transborder diseases.
  - ▣ Pharmacogenomics for design of new generation and indigenous drugs.
  - ▣ Development and improvement of technologies for value addition, shelf life enhancement and quality assurance of livestock and poultry products





# Fisheries

- 08 National Institutes
- 03 All-India Network Projects
- Focus
  - Capture Fisheries (Marine & Inland)
  - Aquaculture: (Freshwater, Brackishwater, Mariculture & Coldwater)
  - Fish Genetics & Biotechnology
  - Harvest & Post- harvest
  - Fishery Engineering
  - Fishery Education



# Agricultural Engineering

- 05 National Institutes
- 06 All-India Coordinated Research Projects, and
- 01 All-India Network Projects
- Engineering interventions of
  - Farm mechanization,
  - Value addition and
  - Energy management in production and post harvest operations.



# Agricultural Extension

- 680 KVKs
- 11 Agricultural Technology Information Centres (ATIC)
- Focus
  - Assessment, refinement and demonstration of technology/products
  - Training of farmers
  - Single window delivery system for technology products, diagnostic services and information
  - Development of gender-specific technologies
  - Creating awareness of improved agricultural technologies among the farmers



# AgIn -Objectives

- ❖ To *protect, manage, commercialize and Distribute* Intellectual Property for Public Benefit.
- ❖ To *produce, market and popularize* of ICAR's products, processes and technologies in India and Abroad.
- ❖ To provide *consultancies, contract research, contract service, customized capacity building* in India and Abroad.
- ❖ To provide *technical support* for turnkey projects on production and processing plants
- ❖ To create *public-private partnerships* in research, education and other capacity building endeavours.

# Strategic Areas

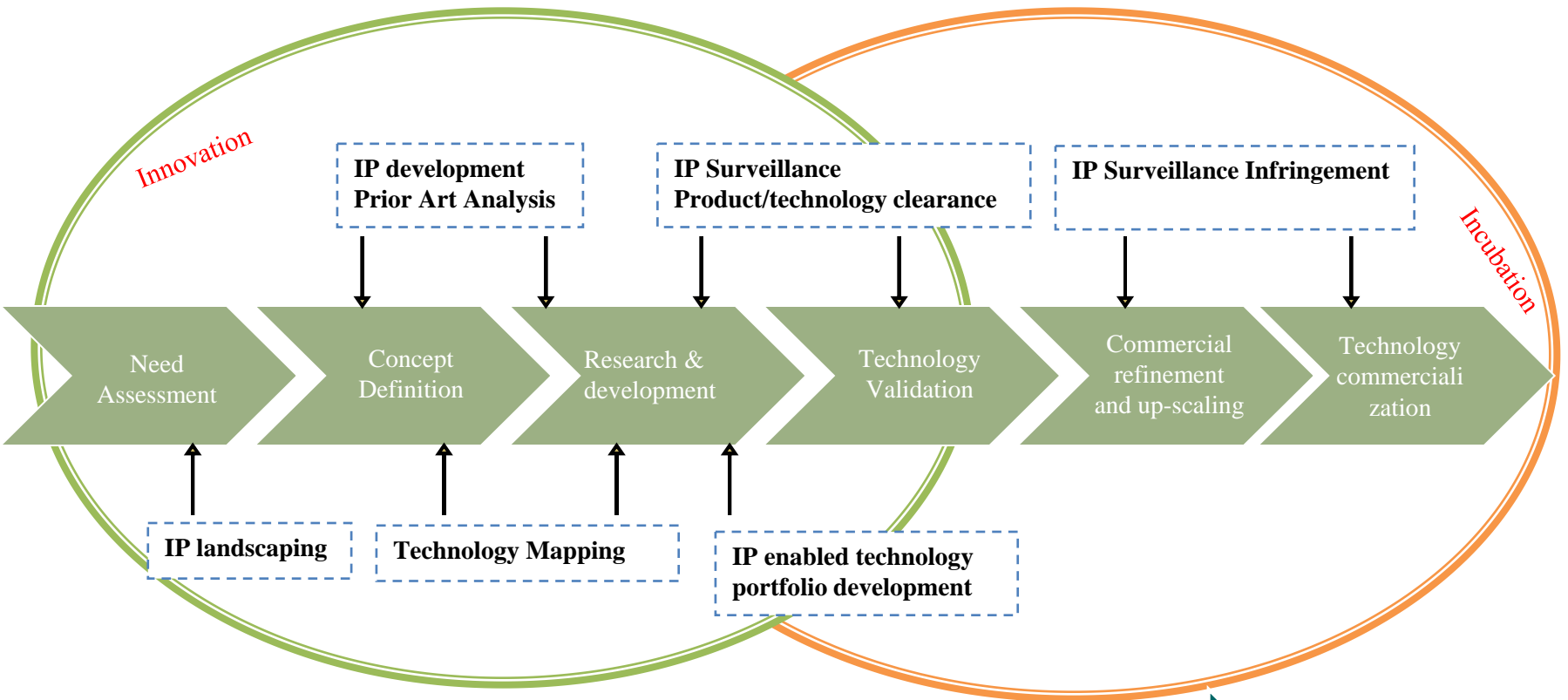
- ❖ Technology Management and Licensing
- ❖ Consultancies and Contract Research & Services
- ❖ Strategic Collaborations and Turn-key Projects
- ❖ HRD & Capacity Building
- ❖ International Projects



# Sectors of operations

- **Seed and Planting Materials**
  - ▣ Agriculture, Horticulture, Medicinal, Aromatic, Ornamental etc.,
- **Inputs & Know How**
  - ▣ Pesticides, Biocontrol, Traps, Micronutrients, Package of Practices, etc.,
- **Veterinary and Fish technology**
  - ▣ Vaccines, Diagnostics, Animal nutrition technologies, Fish nutraceuticals etc.,
- **Value Added food products**
  - ▣ Crop and horticulture products, Meat, Dairy and Fish Products etc.,
- **Agro processing machinery/farm implements**
  - ▣ Intercultural operations, Land preparation, Sowing, Harvest, Processing, etc.,

# Technology generation and commercialization cycle



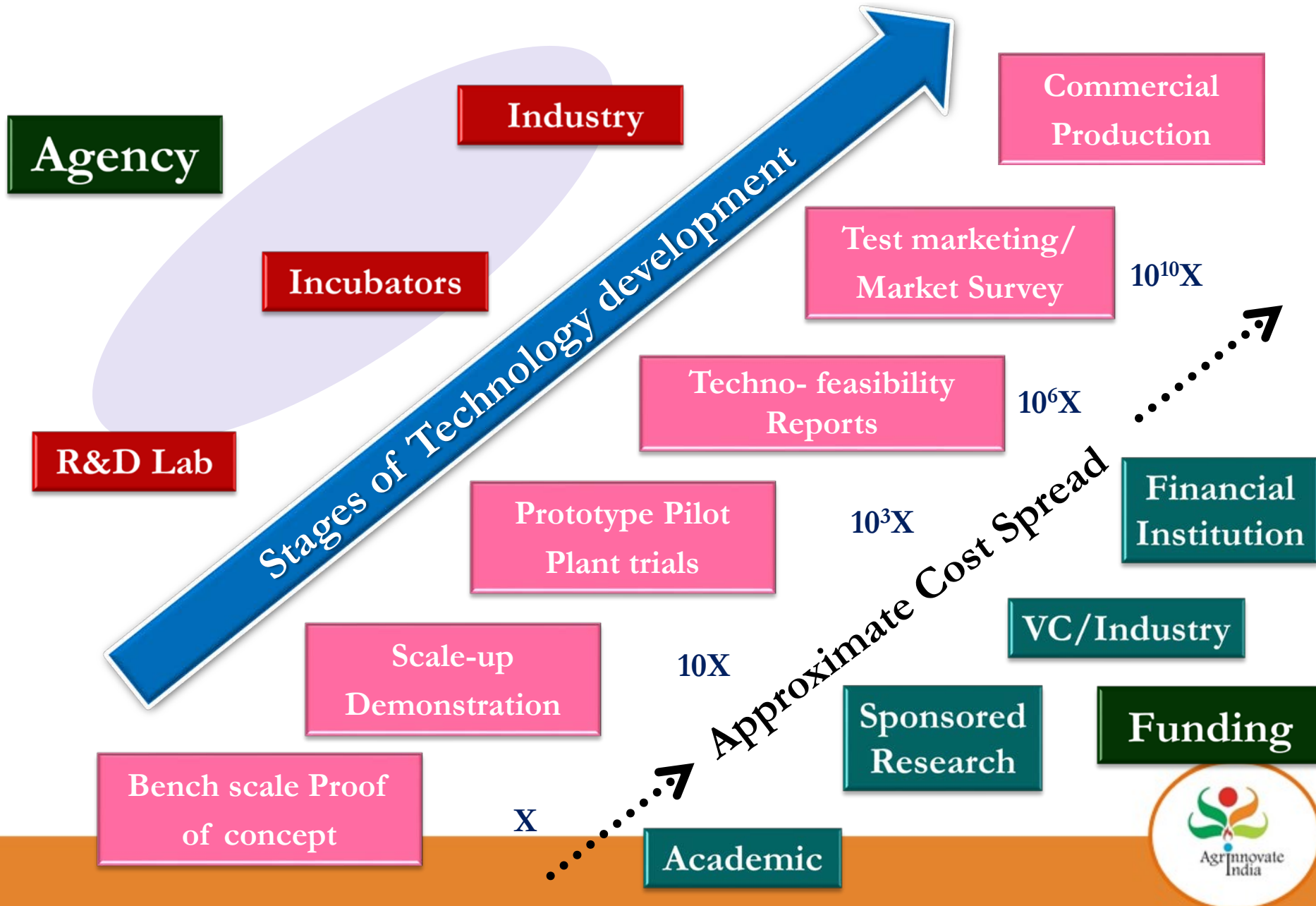
Creating IP environment and need based technology development

Technology validation

Refinement and commercialization



# From concept to commercial product





# Invitation to Innovative Partnership



# Thanks!



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