

# LES ASSISES DE L'AGRICULTURE 2026:

## SMART AGRICULTURE FOR A RESILIENT MAURITIUS



[#assisesagriculture2026](#)

### CLUSTER 5: CROP & LIVESTOCK

Information and Knowledge Management, Agri Tech and Youth Engagement  
Good Governance, Institutional Coordination, Policy Coherence and Financing

Atal Bihari Vajpayee  
Institute of Public  
Service and  
Innovation

**TEAM MEMBERS:** R.K. Ramsamy, R. Toolsee, G. Saraye, G. Puttoo, D. Ramlugun, V.D. K. Ramsamy, V. Dabee, R.Seewoogoolam

# Themes

The diagram consists of two light green rounded rectangular boxes. The left box contains text about innovation and modernization, while the right box contains text about governance and coordination. Two thick green curved arrows connect the boxes: one at the top pointing from left to right, and one at the bottom pointing from right to left, creating a circular flow.

**Information and Knowledge Management, Agri Tech and Youth Engagement**

Fosters **innovation** and generational renewal by leveraging **data, digital tools** and youth entrepreneurship to **modernise** the agricultural landscape.

**Good Governance, Institutional Coordination, Policy Coherence and Financing**

Strengthens **accountability** and **alignment** across institutions, ensuring that **policy**, regulation and **financial mechanisms** operate in **concert**.

# Challenges and Issues

**Fragmented Technology and isolated data & Information systems**

**Policy coherence, Coordinated governance & Institutional Linkages**

**Adoption and Trust of digital tools and technology**

**Ageing farming population and Youth engagement**

**Knowledge sharing and Capacity Development**

**Access to financing and market**



Information and Knowledge Management, Agri Tech and Youth Engagement & Good Governance, Institutional Coordination, Policy Coherence and Financing

## Domains of Intervention

## Proposed Flagship Interventions

National Information platform

Digital decision-making tools

Technological platform & Digital Infrastructure

Establish a unified, secure and trusted **National Agricultural Data Platform**

R & D and Farming community Linkages

Data & Knowledge Management for stakeholder Outreach & Empowerment

**Impact Driven Extension** - Enhance farmer resilience and **capacity** through **knowledge exchange**

Institutional Strengthening & Capacity Development

Capacity Strengthening

Build a competent workforce by developing **specialised training programmes**

Youth Engagement & Inclusiveness

Financing & Investment mechanisms

Financing & Investment Mechanisms to reduce risk and promote innovation

Mobilize fund through transparent and trusted **financial mechanisms** for sector-wide transformation (**Agri-Innovation Finance**)

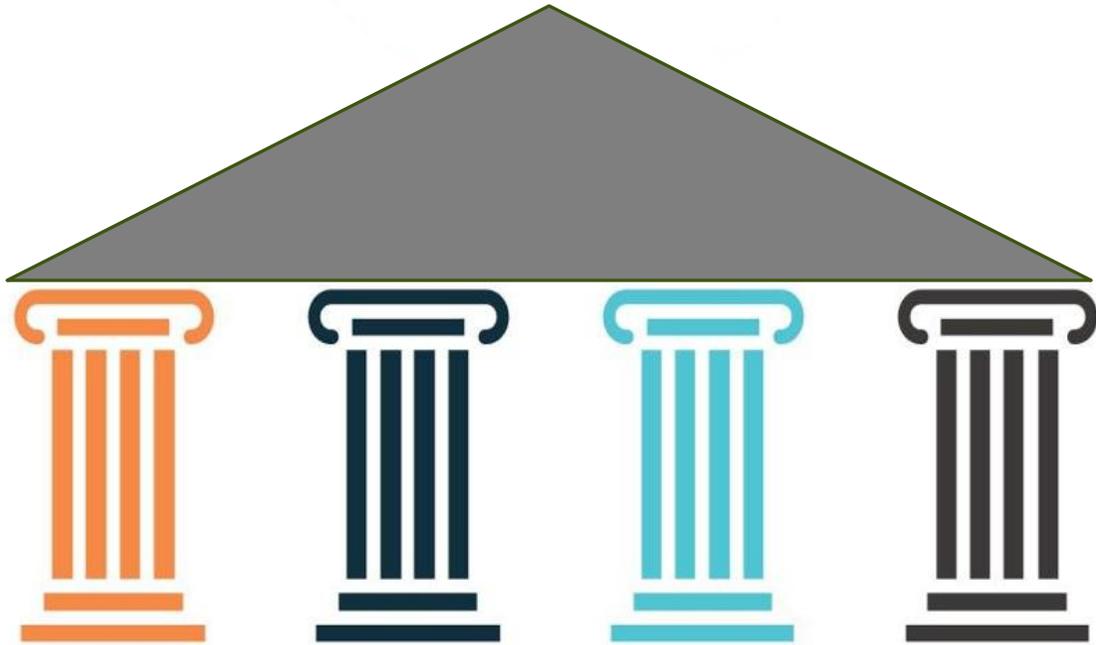
Governance, Policy Coherence, Coordination

Governance, Coordination, Coherence & Enforcement of Institutions, Policies & Regulations

Establish an **Agricultural Governance, Policy coherence & Enforcement framework** that ensures agricultural policies are coherently aligned, efficiently coordinated and robustly enforced



**SMART**  
**Agriculture**  
TRANSFORMATION



# Thank You

*Together let's build the  
foundation towards a  
resilient and innovative  
Agriculture*

# Extra Information for each proposed intervention areas

# Proposed Intervention Area 1- Technological Platform & Agri-Tech

**Key Intervention:** Establish a unified, secure and trusted national agricultural data platform – National Agricultural Data Infrastructure (NAgDI)

## Digital Platforms and Tools

- Centralised **national agri-information platform** integrating for production, market, pest, livestock and weather data
- Interoperable APIs for linking existing agri-databases
- B2B/B2C **digital market** platforms / AI-powered mobile advisory apps / IOT based networks
- National Agricultural Observatory
- Digital surveillance systems against thefts and vandalism
- Open digital auctions at the National Wholesale Market

# Proposed Intervention Area 2 – Data and Knowledge Exchanges for stakeholder

**Key Interventions:** Strengthen and empower the farming community for better decision making and information exchange

- Linkage for co-creation and farmers' feedbacks
- Mandatory farmer-validation for all research and tools ensuring trust and transparency
- Participatory information sharing pathways through video and peer learning
- Farmer Field Schools (FFS) and practical demonstration sites
- Tailored capacity building programmes
- Training on Data literacy, digital tools and Agri-tech training for knowledge sharing
- Participatory research models linking all research and educational institutions

# Proposed Intervention Area 3 – Capital strengthening & Youth Integration

**Key Interventions:** Empower institutions and youth

- Comprehensive institutional audit for monitoring and evaluation
- Recruitment of Subject matter specialists in key disciplines
- On-going Capacity Development programme for technical staff
- Performance linked promotion
- Mentorship and skills programmes for Youth (outreach)
- Smart farming into school curricula and Garden competitions
- Youth Empowerment Unit for coordination
- National AGRI-Entrepreneurship and Innovation programme /Agri-Innovation Fairs

# Proposed Intervention Area 4 - Financing Investment and Mechanisms

**Key Interventions:** Mobilize capital through transparent and trusted financial mechanism for sector transformation.

- Flexible tailored funding mechanisms
- Blended finance models (grants, loans, schemes) for boosting agri-tech
- Agri-Innovation Fund for supporting innovative pilot projects
- Dedicated Banque Agricole
- PPPs and government co-funding agri-tech infrastructure and projects
- Climate Smart farming investments-carbon credit and ecosystem services schemes
- Innovation vouchers and grant schemes for technology adoption targeting the youth
- Start-up grants, micro-leasing and green financing

# Proposed Intervention Area 5 – Governance, Coordination, Coherence and Enforcement

**Key Interventions:** Ensure coherent policy execution and transparent governance and

- Roles and mandates of all stakeholders including government agencies
- Institutional Coordination Cell with defined mechanisms (M & E & A)
- Policy Coherence Task Force for policy alignment
- National Agri-data policy
- Accessible flexible support schemes
- International and regional partnerships and inclusive linkages (e.g., CAADP, COMESA, SADC) for knowledge exchange

