

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

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Themes



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 trusted **financial mechanisms** for sector-wide transformation (**Agri-Innovation Finance Facility**)

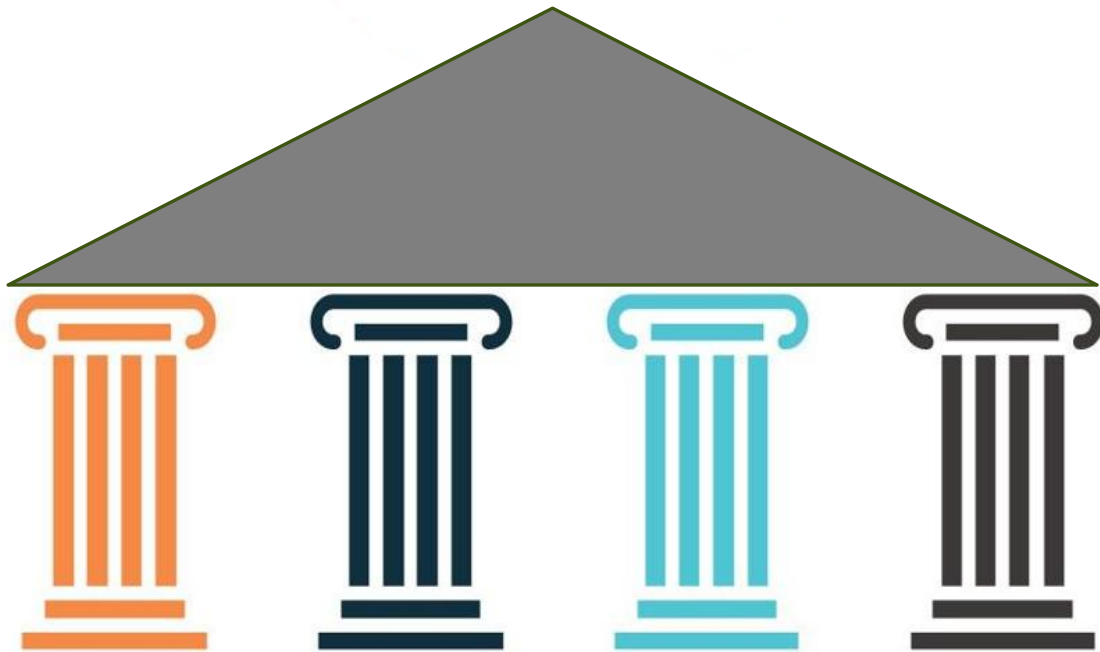
Governance, Policy Coherence, Coordination

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*

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

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

Digital Platforms

- 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
- National Agricultural Observatory
- Digital surveillance systems against thefts and vandalism
- Open digital auctions at the National Wholesale Market

Proposed Intervention Area 1 (Continued)

- AI-powered mobile advisory apps for crop/livestock advice
- Smart weather and pest forecasting networks
- Satellite imagery (GIS) and remote sensing e.g pasture management
- Regional Agri-Tech equipment sharing hubs

Proposed Intervention Area 2 – Governance, Coordination, Coherence and Enforcement

Key Interventions: Ensure coherent policy execution and transparent governance.

- 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



Proposed Intervention Area 3 - Financing Investment and Mechanism

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

Proposed Intervention Area 4 – Knowledge and Data Exchanges

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 5 – Human Capital Management and Institutional strengthening

Key Interventions: Reform, restructure and empower institutions for effective service delivery

- Comprehensive institutional audit
- National Agriculture and Extension Policy
- Recruitment of Subject matter specialists in key disciplines
- On-going Capacity Development programme for technical staff
- Performance linked promotion

Proposed Intervention Area 6 -Youth & Entrepreneurship

Key Interventions: Build the foundation to make agriculture an attractive, innovation-driven and high-income career path for the youth

- Youth Empowerment Unit for coordination
- National AGRI-Entrepreneurship and Innovation programme
- Agri-tech incubators with start-up grants, micro-leasing and green financing
- Mentorship and skills programmes (outreach)
- Smart farming into school curricula
- Garden competitions
- Youth Agri-Innovation Fairs

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

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Technological platform & Digital Infrastructure

Establish a unified, secure and trusted **National Agricultural Data Platform** for decision making and innovation

Governance, Policy Coherence, Coordination

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

Ensure **coherent policy** formulation, execution and coordinated & **collaborative governance** and strategic international **partnerships**

Financing & Investment mechanisms

Financing & Investment Mechanisms to reduce risk and promote innovation

Mobilize **finance** through transparent and trusted **financial mechanisms** to catalyze for sector-wide transformation

R & D and Farming community Linkages

Data & Knowledge Management for stakeholder Outreach & Empowerment

Enhance farmer **resilience** and **capacity** through **knowledge exchange**

Institutional Strengthening & Capacity Development

Capacity Strengthening

Strengthen institutions to deliver **effective services** and **support**

Youth Engagement & Inclusiveness