Green and Sustainable Agriculture Framework

somsamay vongthilath
Department of policy and legal affairs
The experience on policy for GSAF relevant to Agroecology transition

• Base on National Green growth strategies

• Green and Sustainable Agriculture Framework in Lao PDR
Policy priority reflected in the National Green Growth Strategy:

- poverty eradication
- preserving natural resources
- adapting to climate change
- resilience against natural disasters
- healthy and safe food systems
Principles of GSA

- Integration of crop-livestock systems
- Diversified crop rotation and land use
- Environmentally sustainable weed and pest control
- Natural and sustainable nutrient inputs
- Post-harvest storage and processing facilities
Green and Sustainable Agriculture Framework includes:

→ crops
→ livestock
→ fisheries
→ non-timber forest products (NTFP)
Approach green agriculture sustainable framework

• Sustainable land management
• High quality products
• Integrated agricultural systems
• Diversified production methods and products
• Sustainable weed and pest control
• Natural and sustainable nutrient inputs
• Improved post-harvest and storage infrastructure
Good Agriculture Practice as the minimum standard in production and processing:

→ preventing pathogen contamination
→ ensuring quality and safety
→ certification of products
→ resource conservation
GSA policy priorities in accordance with the ADS 2025:

→ improve resilience of agricultural systems
→ sustainable input management
→ value generation
→ multi-functional agricultural land use planning
→ Capacity building & Green Extension
The GSA model includes:

- establishing GAP as the unified national standard
- exploring *more* sustainable production systems in selected areas
NOW

- Low-input
- Pesticide-free
- Organic
- Agroforestry
- Agroecology

FUTURE

Sustainable production

Good Agriculture Practice

Minimum standard

- Minimal inputs
- Clean
- Energy efficient
- Safe
- Pro-producer
Institutions

Farmer Groups
- Producers
- Processors
- Marketers
- Transport
  
Public Sector
- MAF
- MPI
- MONRE
- MOIC
  
Private Sector
- Domestic
- Joint ventures
- Foreign investors
  
Civil Society
- NGOs
- INGOs
- Communities
  
Development Partners

Research Institutes
- NAFRI
- NIER
- CDPR
- Universities
- Int’l
  
[...]
• Investment Areas for GSA

→ green agricultural innovation and technologies
  • Efficient production
  • Innovative processing & marketing
  • Appropriate scaling & dissemination

→ green extension / upskilling
  • Local adaptation of innovation
  • Multi-stakeholder partnerships

→ green markets and value chains
  • Markets for sustainable and ethical products
  • Quality over quantity
  • Access to finance and credit
Current conditions

- Diverse farming systems
- Low-input agriculture
- Indigenous knowledge
- Small-scale production systems

Investment areas

- Green innovation and technologies
- Green Extension
- Green markets & value chains

Outcomes

- Resilient agricultural systems
- Sustainable input management
- Value addition
- Multi-functional land use
• Measurement tools to evaluate the pathway towards Green and Sustainable Agriculture
• Measurable targets for production, storage, processing, distribution
• Indicators to be measured against a baseline
• Indicators to be feasible
• Progress to be measured annually
Thank you so much