

Sub-sector / Intervention Element Matrices – List of outputs

	Policy / Institutional	Infrastructure	Human resource capacity	Provision / support	Information / knowledge
Seed	<ul style="list-style-type: none"> - Seed policy - Seed law / standard - Seed multiplication / delivery mechanisms 	<ul style="list-style-type: none"> - Breeding facilities - Multiplication facilities - Distribution facilities 	<ul style="list-style-type: none"> - Research staff (breeder) - Community (if CVS) - Technicians (multiplication) - Distributor (public / commercial) - Implementation of quality standard (public) 	<ul style="list-style-type: none"> - Free distribution / subsidies by the public sector 	<ul style="list-style-type: none"> - Research results on breeding (new varieties etc)
Fertilizer	<ul style="list-style-type: none"> - Fertilizer policy - Fertilizer law / standard - Fertilizer delivery mechanisms 	<ul style="list-style-type: none"> - Production facilities - Distribution facilities 	<ul style="list-style-type: none"> - Implementation of quality standard (public) 	<ul style="list-style-type: none"> - Free distribution / subsidies by the public sector 	<ul style="list-style-type: none"> - Research results on fertilizer use (application ratio etc)
Irrigation / water management	<ul style="list-style-type: none"> - Policy on water use - Laws and regulations - Groups (water user association) 	<ul style="list-style-type: none"> - Full irrigation facilities - Low-land rain-fed facilities 	<ul style="list-style-type: none"> - Farmers (on-farm water management) - WUA (collective resource management) 	<ul style="list-style-type: none"> - Non-regularly budgeted technical services 	<ul style="list-style-type: none"> - Research results on on-farm / community resource management
On-farm technology dissemination (R&E)	<ul style="list-style-type: none"> - Research and extension policy - Groups (farmer association) 	<ul style="list-style-type: none"> - Facilities for research and extension 	<ul style="list-style-type: none"> - Researchers / technicians - Extension staff - Farmer leaders - Farmers / farmer groups 	<ul style="list-style-type: none"> - Non-regularly budgeted technical services 	<ul style="list-style-type: none"> - Research results on on-farm technology package
Mechanization	<ul style="list-style-type: none"> - Mechanization policy 	<ul style="list-style-type: none"> - Factories / workshops 	<ul style="list-style-type: none"> - Artisans for manufacturing / maintenance - Operators 	<ul style="list-style-type: none"> - 	<ul style="list-style-type: none"> - Research results on mechanization
Quality improvement	<ul style="list-style-type: none"> - Policy for quality 	<ul style="list-style-type: none"> - Quality processing / 	<ul style="list-style-type: none"> - Operators of processing, 	<ul style="list-style-type: none"> - 	<ul style="list-style-type: none"> - Research results on quality

	improvement - Quality standard	packaging - Effective storage	packaging - Operators of storage - Staff for quality inspection		improvement technologies
Access to market	- Trade policy (for imports, cross-border trades) - Profession groups (farmers, processors, traders etc)	- Storage / road - Access for traders, consumers	- Farmer groups - Processors - Traders		- Research results on trades
Access to credit	-	-	- Lenders - Borrowers (individual / group)	- Provision of financial capital for credit schemes	- Research results on credit issues (e.g. credit-worthiness of the each stakeholder on value chain)
Overall policy tools	- National strategies - Regional policies - Relevant policies				- Research results on overall rice sector development
Unclassified		- Infrastructure not classified as above	- Human resource capacity not classified as above		- Research results not classified as above