

MATRIX: SHORT- TERM PLAN OF ACTION**Short-term Measures to Revamp Agricultural Production (Season 2004 – 2006)**

Objective	Constraints	Action to Remove Constraints National Level	Time Frame	Action to Remove Constraints Regional Level	Time Frame
1. Provision of key inputs					
a. Availability and timely access to improved seeds to achieve seed self-sufficiency by 2006.	<p>Smallholders have limited access to improved seeds, as these are expensive and often unavailable.</p> <p>Erosion of robust indigenous seed varieties</p>	<ul style="list-style-type: none"> - Make available and timely accessible quality seeds of main food crops, to targeted farmers. - Promote seed multiplication through irrigation, contract farming, on-farm seed production and tissue culture. - Provide incentives to encourage private sector participation in seed production and distribution. - Promote production, selection and marketing of quality indigenous seed varieties. 	<p>2004 – 2006</p> <p>2004 – 2006</p> <p>2004 – 2006</p> <p>2004 – 2006</p>	<ul style="list-style-type: none"> - Expedite harmonization of seed policies and legislation to facilitate seed trade. - Produce foundation seed from breeder seed material (SPGRC) 	<p>August 2006</p> <p>Dec. 2005</p>
b. Increase production of fertilizers and agro chemicals to ensure adequate supply by 2006	<p>Smallholder farmers have limited access to inorganic fertilizers due to high costs and supply shortage.</p>	<ul style="list-style-type: none"> - Institute targeted support measures to make inorganic fertilizers available. - Establish distribution points within easy reach in main agricultural production areas. 	<p>2004 – 2006</p> <p>2004 – 2006</p>	<ul style="list-style-type: none"> - Commission a study to investigate the exploitation of mineral deposits for fertilizer production. - Promote information exchange on fertilizer availability through private sector participation 	<p>June 2005</p> <p>April 2005 - December 2006</p>

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	Limited use of available organic fertilizers.	<ul style="list-style-type: none"> - Encourage use of organic fertilizers (manure and nitrogen fixing plants) and liming acidic soils - Increase fertilizer production within the existing but viable plants utilising raw materials available from the region. - Facilitate fertilizers procurement in bulk and encourage private sector to repack in small convenient packages to meet the demands of the various farmers (e.g. 5 to 10 kg). - Enhance competitive and fair trade in fertilizers and other agrochemicals 	<p>2004 – 2006</p> <p>2004 – 2006</p> <p>2004 – 2006</p>	<ul style="list-style-type: none"> - Mobilize resources for increased production and marketing of fertilizers within the region - Fast track development of the regional competition policy 	April 2005 – December 2006
c. Enhance production and use of appropriate farm machinery and implements.	Inadequate use of appropriate farm machinery and implements by smallholders	<ul style="list-style-type: none"> - Support the establishment of tractor and draught power hiring services - Provide targeted support for rehabilitation and maintenance of farm machinery and implements. - Implement restocking programmes and provide targeted support for veterinary services and medicines for draught animals - Sensitize and provide as appropriate, training to farmers on the use of draught power and implements. 	<p>2004 – 2006</p> <p>2004 – 2006</p> <p>2004 – 2006</p> <p>2004 – 2006</p>	<ul style="list-style-type: none"> - Encourage Member States to remove tariffs on farm machinery and implements. 	June 2004 – December 2006

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		<ul style="list-style-type: none"> - Encourage investments in the production, importation and distribution of farm machinery and implements. 			
d. Increase availability and productivity of farm labour.	Shortage of agricultural labour supply and reduced productivity due to rural- urban migration and HIV and AIDS.	<ul style="list-style-type: none"> - Facilitate establishment of non-farming rural income-generating activities and encourage development of agro-business; - Intensify use of draught power and mechanization to ease labour constraint. - promote labour saving and gender sensitive technologies. - Increase investment in agro-processing, storage and packaging for value addition; - Enhance the capacity of extension services through recruitment, retraining and retention in collaboration with private sector - Mainstream measures to combat HIV and AIDS in agriculture and natural resources 	<p>2004 – 2006</p> <p>2004 – 2006</p> <p>2004 – 2006</p> <p>2004 – 2006</p> <p>2004 - 2006</p>		
e. Increase access to land for farmers and in particular vulnerable groups	Limited access to agricultural productive land.	<ul style="list-style-type: none"> - Share experiences on land reform practices and accelerate ongoing land policy reform initiatives 	2004 – 2006	<ul style="list-style-type: none"> - Fast track the establishment of the Technical Land Reform Support Facility 	March 2005

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		<ul style="list-style-type: none"> - Repeal discriminatory laws to facilitate access to land by vulnerable groups especially women. - Implement demining programmes to increase agriculture land 	<p>2004 – 2006</p> <p>2004 – 2006</p>	<ul style="list-style-type: none"> - Mobilise resources to assist affected Member States carry out demining activities 	<p>2004 – 2006</p>
2. Assess the implication of food aid and commercial imports on long term sustainability of agriculture.	Damage caused by crisis driven food imports and dependency on humanitarian food assistance.	Assess the implication of commercial imports and food aid on the long-term sustainability of agriculture sector.	2004 – 2006	<ul style="list-style-type: none"> - Facilitate the sharing of relevant information on commercial imports and food aid; - Promote sourcing of food aid from the region 	2004 – 2006
3. Enhance the control of crop and livestock pests and diseases aimed at eradication	<p>Prevalence of migratory pests and diseases.</p> <p>Prevalence of transboundary and endemic animal diseases</p>	<ul style="list-style-type: none"> - Enhance the use of integrated pest management techniques. - Provide incentives for importation of agro chemicals and pesticides - Establish and strengthen emergency preparedness plans and mobilize resources for response - Strengthen and coordinate, surveillance control, eradication, and sharing of information on transboundary pests and diseases. - Provide targeted support for veterinary drugs, vaccines and accaricides - Ensure availability of veterinary drugs and vaccines 	<p>2004 – 2006</p> <p>2004 – 2006</p> <p>2004 – 2006</p> <p>2004 – 2006</p> <p>2004 – 2006</p> <p>2004 – 2006</p>	<ul style="list-style-type: none"> - Promote information exchange on pesticide availability and alternative pest management techniques - Strengthen regional pest control organizations (such as the International Red Locust Control Organization for Eastern, Central and Southern Africa) - Mobilize resources to coordinate regional TADs emergency campaigns and endemic diseases 	<p>2004 - 2006</p> <p>2004 - 2006</p> <p>2004 - 2006</p>

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		<ul style="list-style-type: none"> - Review, update and harmonise laws and regulations relating to Tsetse and Trypanosomosis control and eradication. - Develop comprehensive national Tsetse and Trypanosomosis strategies and plans to achieve PATTEC objectives 	<p>2004 – 2006</p> <p>2004 – 2006</p>		
4. Enhance crop, livestock, fishery and non-traditional agricultural production.	Vulnerability to climatic conditions and over dependence on subsistence farming	<p>Crop production</p> <ul style="list-style-type: none"> - Promote agro-ecological specialization and diversification of agricultural production. - Increase production of drought tolerant crops such as sorghums, millets, cassava and other root crops. <p>Livestock production</p> <ul style="list-style-type: none"> - Increase production of short cycle stocks such as pigs, goats, sheep and poultry. <p>Fisheries</p> <ul style="list-style-type: none"> - Increase aquaculture production and marine farming. - Improve fish stock management and fish products quality in accordance with the Fisheries Protocol 	<p>2004 – 2006</p> <p>2004 – 2006</p> <p>2004 – 2006</p>	<ul style="list-style-type: none"> - Promote dissemination of technologies and share information on best practices. 	<p>2004 - 2006</p>

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		<p><i>Non-traditional agricultural production</i></p> <ul style="list-style-type: none"> - Enhance propagation, production and commercialization of non-traditional agricultural produce such as mushrooms. 	2004 – 2006		
5. Increase market access to ensure safe nutritious and affordable food	Inadequate and poorly developed market systems, structures and unstable prices.	- Build, rehabilitate and maintain local marketing infrastructure.	2004 – 2006	- Enhance implementation of SADC trade protocol	2004 - 2006
		- Ensure fair trade and facilitate producers's access to national, regional and international markets.	2004 – 2006	- Facilitate the exchange of information on availability of marketable commodities	2004 - 2006
		- Discourage temporal bans on exports of food, fish and livestock products within the region except for sanitary and phytosanitary reasons.	2004 – 2006	- Call upon developed countries to eliminate trade distorting agricultural subsidies.	2004 - 2006
		- Establish price stabilization mechanisms with reasonable commodity price risk management.	2004 – 2006	- Advocate for fair trade terms through World Trade Organization (WTO)	2004 - 2006
		- Establish sustainable Strategic Grain Reserve systems.	2004 – 2006	- Investigate possibilities of extending the periods of preferential trade relationships with EU (Cotonou) and the US (AGOA)	2004 - 2006
		- Facilitate the establishment of farmers, producers and traders' associations for marketing of agricultural produce and inputs.	2004 – 2006	- Coordinate the harmonization of SPS measures within the region to the international standards	2004 - 2006
		- Support voluntary farmer organizations which create opportunities to get into the value chain;	2004 – 2006		

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	Lack of capacity to implement or comply with WTO SPS Agreement	<ul style="list-style-type: none"> - Incorporate consumer concerns into the agro-food marketing chain - Develop capacity to implement SPS measures. 	<p>2004 – 2006</p> <p>2004 – 2006</p>	<ul style="list-style-type: none"> - Strengthen early warning and vulnerability monitoring capacity 	
6. Enhance water resource management and irrigation development by 2006	<p>Erratic rainfall and inadequate water harvesting technologies and infrastructure</p> <p>Shortage of water for human and agricultural development</p>	<ul style="list-style-type: none"> - Fast tracking of negotiations on transboundary water resources management and development with priority for agriculture irrigation support. - Embark on water management and development programmes, including, flood control, water harvesting and strategic water storage facilities. - Increase adoption and use of simple and cost effective irrigation technologies - Allocate a substantial share of the agricultural budget for water management and irrigation. - Develop and implement policies aimed at attracting investments from the private sector. - Interested Member States should expedite resources mobilisation for 	<p>2004 – 2006</p> <p>2004 – 2006</p> <p>2004 – 2006</p> <p>2004 – 2006</p> <p>2004 – 2006</p>	<ul style="list-style-type: none"> - Identify centres of excellence on water management and irrigation. - Enhance inter-basin water transfers within the framework of the SADC revised Protocol on Shared Watercourses 	<p>2005</p> <p>2004 - 2006</p> <p>2004 - 2006</p>

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		the regional programme identified by the AfDB on "irrigation development and water management".			
7. Strengthen disaster preparedness	Lack of strategic reserves to be used as first line of response in meeting emergency food requirements	Strengthen nation emergency food reserve facilities.		- Coordinate feasibility study on the possibility of establishing a regional food reserve facility	2005
8. Enhance research, technology development and dissemination in the short and long term	Low dissemination poor adoption of technologies and weak research, extension and farmer linkage	- Strengthen research-extension-farmer linkages to facilitate the transfer of technologies.	2004 – 2006	- Promote networks in the dissemination and adoption of appropriate technologies at grass-root level.	2004 - 2006
		- Develop and adopt appropriate technologies that will support emerging commercial farmers and resource-poor smallholders.	2004 – 2006	- Strengthen research partnerships among the national agricultural research systems, the Consultative Group on International Agricultural Research (CGIAR) and the Forum for Agricultural Research in Africa (FARA).	2004 - 2006
		- Strengthen capacities of public and private agricultural research institutions and universities.	2004 – 2006		
		- Develop crop varieties and animal breeds that are tolerant and perform better in the prevailing physical environment.	2004 – 2006	Facilitate resource mobilization and coordinate competitive funding for research.	2004 - 2006

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	Inadequate funding of research and extension	<ul style="list-style-type: none"> - Mobilize resources for research and extension - Incorporate nutrition into the agricultural research agenda 	2004 – 2006		
9. Private Sector involvement in agriculture and Rural Development	Weak private sector involvement in the agricultural development	<ul style="list-style-type: none"> - Provide an enabling regulatory framework, policies and support mechanisms aimed at strengthening capacities of private sector involvement in agriculture and rural development. 	2004 – 2006	Promote and establish relevant Public Private Partnerships and Dialogues in agriculture	2004 - 2006
10. Review Monitoring and evaluation		<ul style="list-style-type: none"> - Midterm review - Progress report on implementation of short term Measures for ICM and Summit consideration 	<p>May 2005</p> <p>August 2006</p>	<ul style="list-style-type: none"> - Midterm review - Progress report on implementation of short term Measures for ICM and Summit consideration 	<p>May 2005</p> <p>August 2006</p>