

Draft Action Plan for implementation of National Strategy for REDD+

This National REDD+ Strategy identifies ten (10) main strategic interventions and/or key result areas for the REDD+ implementation process in Tanzania. These areas are derived from key issues identified in the strategy and from the drivers of deforestation and forest degradation and their underlying causes as elaborated therein. The section below provides strategic statements and rationale for each key result area, as well as its goals, strategic objectives, specific activities required, performance indicators, proposed time frame for each activity, key players as well as estimated budget.

KEY RESULT AREA 1: REDD BASELINE SCENARIO, MONITORING, REPORTING AND VERIFICATION SYSTEM ESTABLISHED

Strategic Objective 1 A: A National Reference Emission Level determined by December 2012						
Rationale: A National Reference Emission Level is a key aspect of determining carbon benefits of any forest carbon scheme. Accurate determination of carbon changes based on historical trends against which additional carbon benefits are made as a result of any carbon scheme is important.						
Strategies/ Actions	Specific Activities	Outcomes	Key Performance Indicator	Timeframe	Key Players	Budget Estimates
1. Design, acquire and maintain necessary, data, infrastructure (Soft ware & Hard ware) and equipment for preparation of Reference Emission Level	- Build capacity and determine historical land cover, land use changes,	Skilled and knowledgeable staff; Land cover, land use changes maps and matrixes	-Number of trained men and women staff; -Historical land cover, land use changes determined	By June 2012	UNREDD with tech support from FAO-FIN, JRC DFNR (ZAFORMA*)	N/A HIGH*
	- To determine historical forest degradation	Forest degradation indices for different forest types	-Forest degradation indices for different forest types in place	By June 2012	SUA and TAFORI under UNREDD DFNR (ZAFORMA*)	N/A HIGH*

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	- Build capacity and determine current land cover types and forest stock	Skilled and knowledgeable staff; Land cover, land use maps and forest stock	-Number of trained men and women staff; -Current land cover, land use types and forest stock determined	By May 2012	NAFORMA with tech support from FAO-FIN, DFNR (ZAFORMA*)	N/A HIGH*
	- Build capacity and determine National Reference Emission Levels	Skilled and knowledgeable staff; REL in place	-Number of trained men and women staff; -National REL determined	By Dec 2012	UNREDD and NCMC DFNR (ZAFORMA*)	N/A HIGH*
	- Build capacity and predict future land cover changes	Future land cover, land use changes maps and matrixes	-Number of trained men and women staff; -Future land cover changes predicted	By Dec 2012	UNREDD and NCMC DFNR (ZAFORMA*)	N/A HIGH*

Strategic Objective 1 B: A National Monitoring, Reporting and Verification System Established by December 2012

Rationale: The transactions of carbon credits require an effective MRV system that will ensure reliable and accurate measurements and reporting for validation.

Strategies/ Actions	Specific Activities	Outcomes	Key Performance Indicator	Timeframe	Key Players	Budget Estimates
1. Establishing and operationalizing NCMC.	Finalization and approval of project document	Project document approved.	Approved project document	By May 2012	VPO, UNREDD, NRTF, SUA, DFNR	N/A

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	NCMC Strategic Plan and Business Plans produced and approved by government	NCMC agency established	Functional NCMC	By Dec.2012	PO/PSM, VPO, UNREDD, NRTF, SUA, DFNR	N/A
	Signing of the contract between Host institution and Development partner.	Operationalization of NCMC through facilitation of the host institution	Functional NCMC	By June 2012	VPO, UNREDD, NRTF, SUA, RNE	N/A
2. Establishing monitoring system	Link the NAFORMA PSP with FRA RSS	National monitoring system established by June 2012	A National monitoring system functional	by Dec 2012	UNREDD and NAFORMA DFNR (ZAFORMA*)	N/A HIGH*
3. Future Updating of the data	Future Re-measurement of NAFORMA PSP and RSS	Update of carbon data by Dec 2017	A National monitoring system functional	by Dec 2017	TFS (NAFORMA II), NCMC DFNR (ZAFORMA*)	High

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4. Establishment of National REDD+ Reporting system	Documentation of data sets, approaches, methods, models, assumptions, pools used and activities included	Scientific reports and Journal articles	National reporting system functional	by 2012	NAFORMA, UNREDD, NCMC DFNR (ZAFORMA*)	N/A
5. Establishment of a national carbon verification system	Tendering and engaging of independent verifier for the National REL & MRV	Verification report	Verified carbon data	By June 2013	NCMC	High
	Promotion of internal carbon verifiers	Workshop proceedings	Present of independent carbon verifiers in the country	By Dec 2013	NCMC	Medium
Strategic Objective 1 C: Integrated methods to quantify REDD and other forest benefits such as: Biodiversity, Ecotourism, and Water catchment related to payment for environmental services established by December 2012						
Rationale: Integrated methods to quantify REDD and other forest benefits is important to realize equitable co-benefit sharing						
Strategies/ Actions	Specific Activities	Outcomes	Key Performance Indicator	Timeframe	Key Players	Budget Estimates

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1. Develop Integrated methods to quantify REDD and other forest benefits such as biodiversity, ecotourism, and water catchment related to payment for environmental services	To develop methods for REDD+ co-benefits mapping.	A package of Integrated methods to quantify REDD and other forest benefits in place	<ul style="list-style-type: none"> Database & manuals for Integrated methods in NAFOBEDA 	<ul style="list-style-type: none"> by Dec 2012 	<ul style="list-style-type: none"> MNRT UNREDD MANR-Zanzibar ZAFORMA* 	<ul style="list-style-type: none"> N/A Medium*
	Training on integrated methods for quantifying REDD+ and co-benefits.	Presence of staff knowledgeable on integrated methods for quantifying REDD+ and co-benefits.	<ul style="list-style-type: none"> Number of men and women trained on integrated methods for quantifying REDD+ and co-benefits. 	<ul style="list-style-type: none"> By 2012 	<ul style="list-style-type: none"> MNRT UNREDD MANR-Zanzibar ZAFORMA* 	<ul style="list-style-type: none"> N/A Medium*

* This applies to Zanzibar.

KEY RESULT AREA 2: FINANCIAL MECHANISMS AND INCENTIVE SCHEMES FOR REDD+ ESTABLISHED

Goal 2: To set transparent and sustainable financial mechanism and incentive schemes for REDD+
Strategic Objective
2.1: To develop a clear and transparent financial mechanism by June 2013
Rationale 2.1A: Provision of sufficient incentives (compensation) to motivate stakeholders to reverse the drivers of deforestation and forest degradation is central objective of REDD+ scheme.

Strategies/ Actions	Specific Activities	Outcomes	Key Performance Indicator	Timeframe	Key Players	Budget Estimates
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Strategies/ Actions	Specific Activities	Outcomes	Key Performance Indicator	Timeframe	Key Players	Budget Estimates
1. Design and establish a Functional National REDD+ Trust Fund	<p>Preparation of the project document</p> <p>Develop Financial Accounting system for National REDD+ Fund</p> <p>To develop relevant guidelines (E.g. Trust Deed)</p> <p>Recruitment of Board of Trustees /Management Team/Secretariat</p> <p>To Secure and set up office</p> <p>To operationalize the Fund</p>	National REDD+ Trust Fund established and operationalized by June 2013	National REDD Trust Fund functional by 2012	April 2012- June 2013	VPO, MNRT, Ministry of Finance (Mainland and Zanzibar), MANR-Zanzibar, NRTF, Responsible Board/Board of Trustees	Medium
Strategic Objective 2.2: To develop a clear and transparent incentive/ compensation scheme by June 2013						
Rationale 2.2: Development of a clear and transparent mechanism for receiving and handling REDD+ funds is a pre-requisite for REDD scheme.						
1. Design and establish National REDD+ Incentive/compensation Schemes	<ul style="list-style-type: none"> • To identify and to evaluate co benefits that could accrue through REDD+ activities • Draw lessons and best practices from REDD+ Pilot projects 	REDD+ Incentive/ compensation Schemes established by December 2012	Functional REDD+ Incentive/ compensation Schemes established by December 2012	By December 2013	VPO, MNRT, Ministry of Finance (mainland and Zanzibar), MANR-Zanzibar, PMO-RALG Pilot Projects, NCMC and REDD+ Trust Fund	Medium

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Strategies/ Actions	Specific Activities	Outcomes	Key Performance Indicator	Timeframe	Key Players	Budget Estimates
2. Undertake analysis of the sustainable REDD + financing mechanism	<ul style="list-style-type: none"> • To review exiting sustainable REDD+ financing mechanism 	In-depth understanding of Sustainable REDD+ financing mechanism by 2013.	Relevance Sustainable REDD+ financing mechanisms known by 2013 Active participation in negotiation	By December 2013	VPO, MNRT, Ministry of Finance (mainland and Zanzibar), MANR-Zanzibar, PMO-RALG Pilot Projects, NCMC and REDD+ Trust Fund	Medium
Strategic Objective 2.3: To establish clear National REDD+ Safeguards by December 2012						
Rationale 2.3: Analyzing aspects of social safeguard policies so as to assess likely impacts: positive or negative.						

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Strategies/ Actions	Specific Activities	Outcomes	Key Performance Indicator	Timeframe	Key Players	Budget Estimates
1. Build national capacities for conducting SESA at National & local levels	<ul style="list-style-type: none"> To develop relevant social safeguard and policies 	National Capacities for undertaking SESA built by 2012	<ul style="list-style-type: none"> SESA functional by June 2013 	June – December, 2012	VPO/MNRT/MANR Zanzibar/FVPO Zanzibar	Medium
	<ul style="list-style-type: none"> To undertake training of relevant stakeholders on SESA 	“	<ul style="list-style-type: none"> Number of trainings done to build national’s capacity for conducting or undertaking SESA at national and local levels by June 2013 	“	“	“
	<ul style="list-style-type: none"> To prepare action plan for addressing disincentives of REDD+ schemes 	“	<ul style="list-style-type: none"> An action plan for addressing disincentives of REDD+ schemes prepared and disincentives themselves been addressed by 2013 	“	“	“
2. Implement measures to address disincentive of REDD+ schemes	To identify the disincentives of REDD+ Scheme	Action plan for addressing disincentive of REDD schemes prepared and implemented by 2012	Disincentive to implementation of REDD addressed by 2012	June – December, 2012	VPO/MNRT, MANR Zanzibar	Medium

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KEY RESULT AREA 3: ALL STAKEHOLDERS ARE ENGAGED AND ACTIVELY PARTICIPATE IN THE REDD IMPLEMENTATION PROCESS

Goal 3: To engage and ensure active participation of all stakeholders especially local communities in the implementation of REDD schemes						
Strategic Objective 3A: A participatory forest management regime is employed to ensure engagement of stakeholders especially the local communities in implementation of REDD schemes by December 2015						
Rationale 3A: Active participation of all stakeholders local communities are important in ensuring effective achievement of REDD implementation.						
Strategies/ Actions	Specific Activities	Outcomes	Key Performance Indicator	Timeframe	Key Players	Budget Estimates
2. Capacity building of local communities in implementation process of REDD+	To review and develop manuals and guideline on participatory approaches	Manuals and guideline on capacity building developed	• Manuals and guideline on Participatory methodologies and approaches	• By June 2013 and beyond	• VPO, Sectoral Ministries (Mainland and Zanzibar) Local communities, Pilot projects, Development Partners, Research institutions	Medium
	Awareness raising among local communities	• Understanding of REDD+ among the local communities	• Level of participation of local communities in REDD+ issues	• By 2015 and beyond	• VPO, Sectoral Ministries (Mainland and Zanzibar) Local communities, CSO, Private sector, Development Partners, Research institutions	High

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	Engagement of the local communities on the implementation of REDD	<ul style="list-style-type: none"> Active participation on REDD+ activities among local communities 	<ul style="list-style-type: none"> Attainment of REDD+ 	By 2015 and beyond	<ul style="list-style-type: none"> VPO, Sectoral Ministries (Mainland and Zanzibar) Local communities, CSO, Private sector, Development Partners, Research institutions 	Medium
	Provision of incentives and tool needed for active participation of local communities	<ul style="list-style-type: none"> Active participation on REDD+ activities among local communities 	<ul style="list-style-type: none"> Reduced deforestation and forest degradation 	By 2015 and beyond	<ul style="list-style-type: none"> VPO, Sectoral Ministries (Mainland and Zanzibar) Local communities, CSO, Private sector, Development Partners, Research institutions 	High
3. Capacity building of the LGA in the implementation process of REDD+	Training of the trainers of the village government, wards, and district officials in the implementation of REDD+	<ul style="list-style-type: none"> Number of men and woman LGA staff actively engaged in the implementation process of REDD+ 	<ul style="list-style-type: none"> Men and women LGA staff implementing process of REDD 	<ul style="list-style-type: none"> By 2013 and beyond 	<ul style="list-style-type: none"> VPO, Sectoral Ministries (Mainland and Zanzibar) Local communities, CSO, Private sector, Development Partners, Research institutions 	High
Strategic Objective 3B: The private sector is engaged in implementation of REDD Schemes						

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Rationale 3B: Active participation of private sector is important in ensuring effective achievement of REDD implementation.						
Strategies/ Actions	Specific Activities	Outcomes	Key Performance Indicator	Timeframe	Key Players	Budget Estimates
1. Assess how best the private sector can be involved in the implementation of REDD+	Awareness raising among private sector	Understanding of REDD+ among private sector	<ul style="list-style-type: none"> Level of participation of private sector in REDD+ activities 	<ul style="list-style-type: none"> By 2012 and beyond 	<ul style="list-style-type: none"> VPO, Sectoral Ministries (Mainland and Zanzibar), Research institutions 	<ul style="list-style-type: none"> Medium
	Sensitize and mobilize private sector on the implementation of REDD+	<ul style="list-style-type: none"> Active participation on REDD+ activities among private sector 	<ul style="list-style-type: none"> Reduced deforestation and forest degradation 	<ul style="list-style-type: none"> By 2012 and beyond 	<ul style="list-style-type: none"> VPO, Sectoral Ministries (Mainland and Zanzibar), Research institutions 	<ul style="list-style-type: none"> Medium
	Promoting private-public sectors partnership in the implementation of REDD	<ul style="list-style-type: none"> Active participation on REDD+ activities among private-public sectors 	<ul style="list-style-type: none"> Reduced deforestation and forest degradation 	<ul style="list-style-type: none"> By 2012 and beyond 	<ul style="list-style-type: none"> VPO, Sectoral Ministries (Mainland and Zanzibar), Research institutions 	<ul style="list-style-type: none"> Medium

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Strategic Objective 3C: Civil society organizations are engaged in implementation of REDD Schemes.						
Rationale 3C: Active participation of civil society organizations is important in ensuring effective achievement of REDD implementation.						
Strategies/ Actions	Specific Activities	Outcomes	Key Performance Indicator	Timeframe	Key Players	Budget Estimates
1. Assess practices and lessons learnt from engagement of Civil Society Organizations under pilot REDD projects implementation	Collection of best practices and lessons from engagement of CSOs under pilot REDD projects implementation	Practices and lessons learnt from CSOs collected	<ul style="list-style-type: none"> Practices and lessons learnt 	<ul style="list-style-type: none"> By 2012 and beyond 	<ul style="list-style-type: none"> VPO, Sectoral Ministries (Mainland and Zanzibar), Research institutions, Pilot projects, Dev Partners, 	<ul style="list-style-type: none"> Medium
	Adapt best practices and lessons learnt from REDD pilot scheme projects (CSOs, PFM)	Best practices and lessons learnt from CSOs adopted	<ul style="list-style-type: none"> Level of adoption of practices and lessons learnt 	<ul style="list-style-type: none"> By 2014 	<ul style="list-style-type: none"> Pilot projects, Dev Partners, Extension officers, research institutions 	High

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KEY RESULT AREA 4: ALL REDD+ SCHEMES ARE WELL COORDINATED

Goal 4: To coordinate all stakeholders in the implementation of REDD+ related activities						
Strategic Objective 4A: A national framework for coordination of all REDD+ schemes is developed to ensure effective implementation of REDD+ related activities by 2012						
Rationale 4A: For effective and transparent implementation of REDD+ scheme, a coherent and credible REDD+ activities at national and sub-national levels is necessary						
Strategies/ Actions	Specific Activities	Outputs	Key Performance Indicator	Timeframe	Key Players	Budget Estimates
4. Develop a national REDD+ coordination framework in line with existing Gov. structures	Formation of REDD+ unit under VPO -DoE to coordinate all REDD+ issues	A national REDD+ coordination framework developed	National REDD+ coordination framework functioning	By Dec 2013	DoE-VPO (Mainland and Zanzibar)	Low
	Formation of REDD+ unit for each relevant sectoral ministries (Mainland & Zanzibar)	A sectoral REDD+ units developed	National REDD+ coordination framework functioning	By Dec 2013	Relevant sectoral Ministries (Mainland and Zanzibar)	Low
5. Build a REDD coordination capacity at LGA and community levels.	Formation of REDD desk officers at LGA level	A LGA REDD coordination capacity building programme developed	LGA REDD coordination effective	By 2013	DoE, PMO RALG, LGA	High
6. Support effective use of the national REDD coordination framework	Capacity building for the coordination units at DoE, Sectoral ministries and LGA level	Improved knowledge about REDD among staff at DoE, Sectoral Ministries and LGA	Number of women and men staff trained	By 2013	DoE, PMO RALG, LGA, MANR, DFNR	High

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	Facilitation of the functioning of the coordination units at DoE, Sectoral ministries and LGA level	Active participation and implementation of REDD activities	Coordination units functional	By 2013 and beyond	DoE, PMO RALG, LGA	High
7. Support functioning of the existing conflict resolution mechanisms	Awareness raising on REDD issues for law enforcers	<ul style="list-style-type: none"> Understanding of REDD+ among law enforcers 	<ul style="list-style-type: none"> Level of involvement 	<ul style="list-style-type: none"> By 2013 and beyond 	DoE and Relevant Sectoral, Ministries, Pilot projects, CSO, Law enforcers, private sectors	High
	Review and harmonization of existing legislation	Harmonized legislation in place	Reviewed legislation	<ul style="list-style-type: none"> By 2014 and beyond 	DoE and Relevant Sectoral Ministries,	High
8. Develop common standard REDD training material, methods, procedures, approaches and reporting format	Preparation of REDD Training Material, methods, procedures, approaches and reporting material	Manuals, Reports and Scientific articles	Training Material, methods, procedures, approaches and reporting material developed	<ul style="list-style-type: none"> by 2012 	<ul style="list-style-type: none"> NRTF, NAFORMA, UNREDD, Pilot projects, Researchers, Other REDD Stakeholders 	High

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KEY RESULT AREA 5: ALL REDD+ FINANCING OPTIONS ARE WELL UNDERSTOOD

Goal 5: Exploration, analysis and negotiation of REDD+ financing options						
Strategic Objective 5.1: To explore, analyze and negotiate financing options by 2013						
Rationale 5.1: For the country to benefit and make right decisions will need relevant information on REDD+ financing options						
Strategies/ Actions	Specific Activities	Outcomes	Key Performance Indicator	Timeframe	Key Players	Budget Estimates
1. Explore and analyze financing options	<ul style="list-style-type: none"> To identify, document and select suitable financing options (fund and market based) 	<ul style="list-style-type: none"> A documentation on financing options in place by June 2013 	Documented financing options	January-June 2013	VPO, MNRT, MANR,	Low
2. Capacity building on negotiation processes, exploration and analysis at all levels	<ul style="list-style-type: none"> To provide training seminars/short courses to relevant stakeholders 	<ul style="list-style-type: none"> Appropriate financing options are included in the UNFCCC agreements 	Number of competent negotiators in place by June 2013	By 2013	VPO and relevant Sectoral ministries (Mainland and Zanzibar)	

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Strategies/ Actions	Specific Activities	Outcomes	Key Performance Indicator	Timeframe	Key Players	Budget Estimates
3. Engage in financing options negotiation processes	<ul style="list-style-type: none"> • To negotiate with the relevant financing stakeholder • To share the lessons learnt during the COPs, etc • To participate in the COP meetings 	Viable financing options negotiated by 2012	Number of negotiation meetings participated in COPs etc, for financing options by 2013	By 2013	VPO and relevant sector ministries (Mainland and Zanzibar)	Medium

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KEY RESULT AREA 6: GOVERNANCE MECHANISM FOR REDD IN PLACE

Goal 6A: To develop institutional arrangement for REDD governance						
Strategic Objective 6A: A national institutional arrangement for REDD governance developed to ensure effective implementation of REDD and equity in co-benefit sharing by 2013						
Rationale 6A: For the country to effectively participate in the REDD regimes efforts should be made to develop appropriate institutional arrangement for REDD governance						
Strategic Activities/Actions	Specific Activities	Outcomes	Key Performance Indicators	Timeframe	Key Players	Budget Estimates
1. Review and develop legal and institutional frameworks based on the in-depth studies	To prepare project document with SWOT analysis of legal and institutional framework for REDD+ Operationalise the institutional and legal framework for REDD+	An robust institutional framework for REDD+ governance in place and operational by 2013	Project document on Legal and Institutional framework in place by 2013 An operational REDD governance institutional framework by 2013	Short term	VPO and relevant sector ministries (Mainland & Zanzibar) e.g. NRTF, MNRT, FVPO & MANR-Zanzibar, LGA, private sectors and CSO,	Medium
Goal 6B: To harmonise policy and legal frameworks in the context of REDD						
Strategic Objective 6B: Policy and legal frameworks for REDD implementation harmonised and endorsed by the government by 2014						
Rationale 6B: For the country to have a conducive enabling environment to implement REDD regimes it is important to review REDD related policies and legal frameworks						

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Strategic Activities/Actions	Specific Activities	Outcomes	Key Performance Indicators	Timeframe	Key Players	Budget Estimates
1. Harmonize all REDD related policies	To harmonize all REDD+ related policies	All REDD+ related policies harmonised and endorsed by the government by 2013	No of policies harmonized by 2013	Medium	VPO, MNRT, TFS, MANR, CSO, NRTF, Private sector	Medium
2. Harmonize REDD related legal frameworks	To harmonize all REDD+ related legal frameworks	All REDD+ related policies harmonized and endorsed by the government by 2013	No of Legal frameworks reviewed by 2013	Medium	VPO, MNRT, TFS, MANR, CSO, NRTF, Private sectors	Medium
3. Subject all REDD+ related policies and Strategy to SEA/SESA	To Collect all REDD+ related policies for screening To Conduct SEA/SESA to REDD+ related policies and REDD+ Strategy	All REDD+ related policies and strategy subjected to SEA/SESA by 2013	Number of SEA/SESA reports available and disclosed to the public by 2013 Number of endorsed REDD+ related policies and strategy subjected to SEA/SESA by 2013	Medium	VPO, FVPO, MNRT, MANR, MLHSD, MAFS, MCDGC, MLFD, MEM, NRTF, CSO	Medium

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4. Mainstream REDD+ related policies into government machinery	Incorporate REDD+ related policies into government systems	REDD+ related policies integrated into sectoral plans and programmes by 2014	No of REDD+ related policies implemented by sector ministries by 2014	Medium	VPO, FVPO, MNRT, MANR, MLHSD, MAFS, MLFD, MEM, NRTF, CSO,	High
Goal 6C: To undertake in-depth study on REDD+ related issues (e.g. land tenure for enhancing security in land ownership)						
Strategic Objective 6C: A national land tenure system is reviewed and developed to ensure security in land ownership for REDD scheme by 2013						
Rationale 6C: For stakeholders to have security on investing in REDD regimes it is important to undertake in-depth studies on land tenure for ensuring security in land ownership						
Strategic Activities/Actions	Specific Activities	Outcomes	Key Performance Indicators	Timeframe	Key Players	Budget Estimates
1. Commission an in-depth study to explore and analyse land tenure, security and ownership	To conduct an in-depth study to explore and analyse land tenure, security and ownership	Land tenure In-depth study report in place by 2013	Land tenure issues addressed in the policy and legal frameworks by 2013 (c.f. policy and legal study)	Medium	LGA, MLHSD, NRTF, CSO, MLHWE-Zanzibar	Medium
2. Review land tenure systems based on the in-depth studies	To review land tenure system	REDD+ related land tenure system in place by 2014	REDD+ related land tenure system operational by 2014	Medium	LGA, MLHSD, NRTF, CSO, MLHWE-Zanzibar, Private sector	High scale

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<p>3. Create a country wide awareness on REDD related land tenure reforms and associated benefits</p>	<p>Develop awareness raising plan and disseminate IEC materials on land tenure reforms and benefits</p> <p>Conduct awareness raising campaigns at all levels</p>	<p>Awareness raising plan developed and implemented by 2014</p> <p>IEC materials developed and distributed to key stakeholders by 2014</p>	<p>Number of awareness raising campaigns conducted by 2014</p> <p># Hectors of land under REDD schemes by 2014</p> <p align="center">-</p>	<p align="center">Medium term</p>	<p>VPO, FVPO, MNRT/TFS, MANR, MLHSD, MAFS, MLHWE, MLFD, MEM, CSO, media, Private sector</p>	<p align="center">- Very high scale</p>
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KEY RESULT AREA 7: TRAINING PROGRAMME AND INFRASTRUCTURE FOR REDD+ DEVELOPED

Goal 7.1: To develop a comprehensive national training programme for REDD+ actors

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Strategic Objective 7.1: To develop an implementable national training programme for REDD+ by 2013						
Rationale 7.1: For the country to effectively participate in REDD a training programme in key aspects of REDD is important /necessary						
Strategies/ Actions	Specific Activities	Outcomes	Key Performance Indicator	Timeframe	Key Players	Budget Estimates
1. Undertake a training needs assessment for REDD+	<ul style="list-style-type: none"> To identify training needs for REDD+ actors at all levels 	<ul style="list-style-type: none"> Available capacity, gaps and proposed interventions identified and implemented by 2012 	<ul style="list-style-type: none"> Documented training needs for REDD+ for key actors in place by June 2013 	January-June 2013	VPO, FVPO, MNRT/TFS, MANR, MLHSD, MAFS, MLHWE, MLFD, MEM, CSO, media, Private sector	Medium
2. Develop appropriate training modules for REDD+	<ul style="list-style-type: none"> To develop and operationalize training modules for REDD+ To identify relevant training institutions for REDD+ 	Training modules on REDD+ developed by 2012	Training modules on REDD+ developed and operational by 2012	January- June 2013	VPO, FVPO, MNRT/TFS, MANR, MLHSD, MAFS, MLHWE, MLFD, MEM, CSO, media, Private sector	Medium
3. Undertake REDD+ training for various stakeholders groups	To train various stakeholders on REDD+ issues (formal & informal)	Stakeholders trained on REDD+ activities increased by 2013	Numbered of stakeholders trained on REDD+ issues by 2013	Long term	VPO, MNRT, UDSM, SUA, TMA, Ardhi University, UDOM, Olmotony, IMS,SUZA,	Very High

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Goal 7.2 To develop and put in place infrastructure for REDD+						
Rationale 7.2 For REDD+ programme to be effectively implemented, a national REDD+ infrastructure development (MRV system including GIS and remote sensing) is necessary.						
Strategic objective 7.2 To put in place and operationalize a national infrastructure for REDD+ implementation by 2013						
Strategies/ Actions	Specific Activities	Outcomes	Key Performance Indicator	Timeframe	Key Players	Budget Estimates
1. Conduct a need assessment of infrastructure requirement for REDD+	<ul style="list-style-type: none"> To identify infrastructure needs for REDD+ 	Infrastructure gaps identified and documented in place by June 2013	<ul style="list-style-type: none"> An infrastructure needs assessment report produced by 2013 	January-June 2013	VPO, FVPO, MNRT, MANR, MLHWE,	Medium
2. Establish and equip appropriate REDD+ infrastructure	To establish, equip and operationalize REDD+ infrastructures	REDD+ infrastructure established and functional by 2013	No of REDD Infrastructures established and operational by December 2013	by 2013	VPO, FVPO, MNRT, MANR, MLHWE,	High

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RESULT AREA 8: CURRENT KNOWLEDGE AND SCIENTIFIC UNDERSTANDING OF REDD+ ISSUES IMPROVED THROUGH RESEARCH

Goal 8A: To develop a comprehensive and a well-funded national research programme for REDD+						
Strategic Objective 8A: National research programme for REDD developed and implemented by 2013						
Rationale 8A: For the country to effectively participate in REDD a research programme in key aspects of REDD is important /necessary						
Strategies/ Actions	Specific Activities	Outputs	Key Performance Indicator	Timeframe	Key Players	Budget Estimates
1. Undertake a research needs assessment for REDD	To carryout research needs assessment at different level of REDD implementation	Critical areas of research needs identified	Knowledge gaps and proposed research areas documented	By 2013	Research institutions NRTF	Medium range
2. Develop sustainable funding mechanism for REDD+ related research	To explore research funding sources and mechanisms To develop and operationalise appropriate funding mechanisms	Research funding sources and mechanisms identified Appropriate funding mechanisms developed	Additional funding for REDD research Appropriate funding mechanisms functional	By 2014	NRTF, Dev. Partner, Research institutions	High
3. Develop necessary infrastructure for REDD+ related research	To explore and identify REDD+ related research infrastructure To put in place REDD+ research infrastructure	REDD+ research infrastructure needs analysed Necessary REDD+ infrastructure developed	REDD+ research infrastructure needs documented Necessary REDD+ infrastructure functional	2014	NRTF, Research institutions Dev. Partner,	High

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KEY RESULT AREA 9: AN EFFECTIVE INFORMATION AND KNOWLEDGE COMMUNICATION SYSTEM ON REDD+ ISSUES DEVELOPED

Goal 9: To establish a national REDD+ communication and networking system						
Strategic Objective 9: A national REDD+ communication and networking system established by 2013						
Rationale 9: Effective and successful implementation of REDD+ will depend on how best REDD+ stakeholders will share experiences, lessons learnt and challenges.						
Strategies/ Actions	Specific Activities	Outputs	Key Performance Indicator	Timeframe	Key Players	Budget Estimates
1. Review a REDD+ information and communication strategy (RICS)	To review existing RICS To operationalise RICS	REDD+ information and communication strategy reviewed Operational Plan developed	A revised version of REDD+ information and communication strategy in place. REDD+ information and communication strategy operationalised	By 2013	VPO, FVPO, MANR/DFNR, MNRT, TFS, NRTE, MEM/REA, MLHH, MAFS, MLFD, MOF, CSO, Private sector, Media	Medium
2. Review national environmental education and communication strategy (NEECS) to include issues related to REDD+	To review NEECS	A national environmental education and communication strategy reviewed	A revised national environmental education and communication strategy in place	Short term	VPO, NEMC, FVPO, MANR, MLHSD, MNRT, CSO, Media, private sector	Medium

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2. Develop Zanzibar Environmental Education and Communication Strategy	To develop ZEEC strategy	Zanzibar EEC strategy developed	Zanzibar EEC strategy in place	Short term	DoE, DFNR, Other key government Institutions and CSOs	High
3. To support implementation of RICS and NEECS	To develop RICS and NEECS operational plan To support implementation of the RICS and NEECS operational plan	RICS and NEECS operational plan developed RICS and NEECS operational plan implemented	RICS and NEECS operational plan in place RICS and NEECS operational	Long term	VPO, NEMC, FVPO, MANR, MLHSD, MNRT, CSO, Media, private sector	Medium
4. Developing information management system for REDD+ (e.g. Information Resource Centre)	To establish information resource center To develop database management system	Information resource center established Information management system for REDD+ in place	Information resource center in place Information management system for REDD+ (e.g. Information Resource Centre) developed	Medium	VPO, NRTF, SUA, FVPO, MANR, MNRT,	Medium

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5. Dissemination of REDD+ related information at all levels	To prepare consultation and outreach plan	Consultation and outreach plan developed	Consultation and outreach plan in place	• Medium	VPO, NEMC, FVPO, MANR, MLHHSD, MNRT, CSO, Media, private sector	High scale
	To implement consultation and outreach plan	Consultation and outreach plan implemented	Consultation and outreach implementation reports			

KEY RESULT AREA 10: REDD+ STRATEGY OPTIONS FOR ADDRESSING DRIVERS OF DEFORESTATION AND FOREST DEGRADATION (D&D) DEVELOPED

Goal: To develop strategic options for addressing drivers of D&D

Strategic Objective: To develop strategic options for addressing drivers of D&D by 2012

(1) Biomass energy (charcoal and firewood demand for domestic and industrial use)

a. POVERTY AND INADEQUATE LIVELIHOODS ALTERNATIVES	Promote biomass conservation	Put more forest areas under conservation through COFM, JFM and CBFM.	More forest areas conserved	Number of hectares of forest conserved	Long term	Ministries responsible for forestry, agriculture, land, mining, LGA's	High scale
	Invest in sustainable forest	Conduct studies to identify the	Potential forest	Number and types of	Short term		Low scale

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	based enterprises to create more employment opportunities in the forest sector for both timber and NTFP's	potential forest based enterprises	management enterprises identified	enterprises identified			
		Engage forest dependent communities in the implementation of the identified potential forest based enterprises					
	Improve Household economy to forest dependent communities.	Provide Investment incentives/ appropriate financing packages (grants, loans and subsidies).	Investment incentives provided to 100 forest dependent households per year.	% increase of income of forest dependent households	Long Term	MoFEA, MEM, MANR, Financial Inst. , REA, CSOs, LGAs, Min. of Community Development	VERY HIGH
		Promote and support alternative income earning opportunities	20 alternative income earning opportunities created in a district per year.	Number of income earning opportunities created per year.	Long term	MoFEA, LGAs, MANR, Min. of Community Development	MEDIUM
b. LIMITED ACCESS TO AFFORDABLE ALTERNATIVE ENERGY SOURCES OTHER THAN BIOMASS	Diversification of energy sources other than traditional biomass (charcoal and fire wood)	Increase investment/ financing options (subsidies, credits, grants and funds) in alternative energy sources	10 % of the total annual National energy Budget allocated.	% Increase of investment/ financing in alternative energy sources other than	Long Term	MEM, CSOs,, , REA, VPO-ZNZ, MLHWE – ZNZ, DFNR, Private Sectors	VERY HIGH

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		other than Traditional biomass (grid, LPG, biogas, solar, wind and bio fuel).		traditional biomass			
		Promote energy switching mechanism	20-30% of the current biomass energy users switching to alternative modern energy by when?	Number of households, SMEs and Institutions using alternative energy sources.	Long Term	MEM, CSOs, REA, VPO-ZNZ, MLHWE – ZNZ, DFNR, Private Sector.	VERY HIGH
		Mobilize for increased financing in modern biomass and alternative clean energy sources to encourage energy switch.	Mechanism for mobilizing financial resources from donors, financial Institutions, private sectors, and government	Number of financing stakeholders (Donors, Financial Institutions and Private Sectors) mobilized	Long Term	MEM, MoFEA , REA, VPOs, Private Sector, dev. partners	MEDIUM
		Capacity building for accessing finance for alternative energy sources	40 participants in 2 training per year.	Number of Stakeholders accessing financing.	Long Term	REA, MoFEA, BANKs, Academia, Private sector	HIGH
	Promotion of forest conservation.	Establish mechanism for pricing biomass energy sources to	Valuation and pricing mechanism for biomass	Level of exploitation of forest for biomass	Long Term	MNRT, VPOs, MANR/DFNR, LGAs, MEM, CSOs	MEDIUM

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		take on board environmental values/ services.	energy sources in place and adopted by 2015	energy.			
		Create awareness on environmental values and services.	30% of the trees and environmental services are paid by 2015.	Value of money paid from trees and environmental services per year.	Long Term	MNRT, MEM, MANR, DoE, REA, VPOs, CSOs	MEDIUM
c. INEFFICIENT BIOMASS ENERGY USE	Promote and enhance access to efficient biomass energy technologies.	Scaling up and commercialization of efficient biomass technologies. (e.g. improved cooking stoves, charcoal kilns, briquettes, pellets) for households, Institutions and SMEs.	Five Private companies engaged in production of improved technologies, cooking stoves, charcoal kilns, briquettes, pellets.	% increase of users of efficient biomass technologies, cooking stoves, charcoal kilns, briquettes, pellets households, Institutions and SMEs.	Long Term		

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		Create awareness on forest environmental values and use of efficient biomass technologies.	Five TV and Five Radio awareness programs per year.	Number of programs broadcasted per year.	Long Term		
		Encourage investment from financial institutions / local banks for efficient biomass energy technology.	Two financial institutions / Local Banks invest in efficient biomass energy technology per year	Number of communities depending/using on biomass energy technologies.	Long Term		

(2) Illegal and unsustainable harvesting of forest products

a. WEAK LAW ENFORCEMENT	1.Scale-up participatory forest management regime.	Identify forests and surrounding villages potential for PFM Create awareness to the identified villages	PFM established in new sites by 2015	Land use plans in place by 2015 VNRC in place by 2015	2012-2015	MNRT, TFS, TAMISEMI, MANR, DFNR, CSOs,	High scale
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		Facilitate PFM establishment (CBFM, JFM, land use plans)					
		Conducting study tours					
	Strengthen incentive packages for both government officials and community based forest management groups	Provide refresher courses to government officials Improve the salary packages Reward for best performance Reward and protect the informants Develop modalities for benefit sharing	Government officials received refresher courses by 2014 Salary packages of forest officials improved by 2014 Reward system established by 2014 Benefit sharing mechanism operationalised by 2014	Reduced events of deforestation and forest degradation	Long term	MNRT, TFS, MANR, DFNR, MoF,	High scale
	Create awareness	Develop outreach	Outreach	Law	Medium	MNRT, TFS,	High scale

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	<p>on forest law enforcement issues</p>	<p>plan Develop awareness raising materials Conduct awareness raising campaigns at all levels Media engagement</p>	<p>plan developed by 2014 IEC materials developed and disseminated at all levels by 2014 Awareness raising campaigns conducted at all levels by 2014</p>	<p>compliance improved by 2014</p>		<p>MANR, DFNR, MoF, police force, , PCCB, MOJUCA, media</p>	
	<p>Enforce interregional forest and environmental laws and protocols</p>	<p>Develop capacity building plan Create awareness on the existing interregional forest and environmental laws and protocols Distribute the laws and protocols to all relevant</p>	<p>Capacity building plan developed and implemented by 2014 Relevant information on interregional forest and environmental laws and</p>	<p>Number of Interregional laws and protocols on forest and environment domesticated by 2014</p>	<p>Long term</p>	<p>MOJCA, VPO, FVPO, MNRT, TFS, MANR, DFNR, Media, CSO,</p>	<p>Very High scale</p>

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		stakeholders	protocols developed and disseminated to key players				
	Implement effective, participatory M&E mechanisms at different levels	Develop participatory M&E framework Train key players at different levels to capture M&E data and synthesis the same Operationalise the M&E Framework	M&E Framework in Place by 2014 Key players at different levels trained by 2014 M&E reports in place by 2014	Participatory M&E mechanisms operationalised by 2014	Medium	NEMC, MNRT, TFS, MANR, DFNR, LGA,	Medium
b. WEAK FOREST GOVERNANCE	Define forest related property rights and accelerating participatory land use planning so that forests do not	Identify and document forest related property rights Carry out land use plans	Reports on forest related property rights in place by 2015	Number of land use plans completed by 2015 Regulations taking on	Long term	MLHSD, MNRT, MANR, DFNR, MLHWE, BRELA, LGA, CSOs, private sector	Very high scale

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	remain as open access resources	<p>Conduct participatory forest resources assessment (PFRA)</p> <p>Undertake measure to protect the identified rights</p>	<p>Data base on ownership of forest related rights in place by 2015</p> <p>Land use plans in place by 2015</p> <p>Measures to protect the forest related rights in place by 2015</p>	board forest related rights in place by 2015			
	Ensure adequate financial, technical and managerial capacity for efficient centralized and decentralized management of forest reserves at all levels	<p>Conduct capacity building needs assessment</p> <p>Conduct capacity building to relevant staff at all levels</p> <p>Sufficient budget allocation for management forest reserves at</p>	<p>Capacity building plan developed and implemented by 2014</p> <p>Capacity building assessment report in place by</p>	<p>Number of Forest staff trained by 2014</p> <p>10% increase of budget for management of forest reserves</p>	Long term	MNRT, TFS, MANR, LGA, DFNR, CSO, MoF,	very high scale

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		all level	2014				
	Support forest sector institutional reform to increase accountability and transparency	<p>Review performance reports of forest sector institutions</p> <p>Institutionalize reforms in the forest sector related institutions</p> <p>Develop and implement Monitoring and evaluation of forest sector institutions</p>	<p>performance review of forest sector conducted by 2015</p> <p>M&E frameworks developed and conducted by 2015</p>	Number of forest related institutions institutionalized reforms by 2015	Long term	MNRT, MANR, DFNR, LGA, TFS, CSO, Private sector,	High
	Strengthen inter-sectoral coordination and NGO/private sector coordination in order to harmonise approaches, avoid duplication, competition and conflict in	<p>Develop integrated plans between sectors</p> <p>Establish system for information sharing of different activities and programs</p>	<p>integrated plans developed and implemented by 2015</p> <p>Information sharing system developed and implemented</p>	<p>Integrated plans operationalised by 2015</p> <p>Robust coordination mechanism in place and operationalised by 2015</p> <p>Number of</p>	Long term	All sectors relevant for REDD+, CSO	Very High scale

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	implementation of interventions and ensure effective use of resources		by 2015	NGOs and Private sector sharing information on implementation of various interventions relevant to REDD+ by 2015			
	Harmonise policies and legislative instruments related to forest resources	Identify the existing policies and legal instruments related to forest resources Review policies and legal instruments related to forest resources Amend policies and legal instruments related to forest resources	Policies and legal instruments harmonised by 2015	Number of policies and legal instruments reviewed and harmonized by 2015	Long term	TFS, MNRT, MANR, LGA, DFNR, CSO, Private sector, MAFS, MLHHSD, MLHWE, MEM,	High scale

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	<p>Monitor all forest investments and development projects to ensure adherence to the sector specific Environmental Impact Assessment (EIA) guidelines</p>	<p>Survey of the forest investment and development projects</p> <p>Conduct environmental audit for ongoing projects</p> <p>Conduct EIA to projects which are at early stages of development</p>	<p>Survey report in place by 2015</p> <p>Environmental audit and EIA conducted by 2015</p>	<p>Number of projects audited and assessed by 2015</p>	<p>Long term</p>	<p>VPO, FVPO, NEMC, TIC, MNRT, MANR, DFNR, TFS</p>	<p>High scale</p>
	<p>Promote integrated planning, monitoring and evaluation of all forest development projects</p>	<p>Conduct sector consultative meetings during planning phases</p> <p>Develop M&E framework</p> <p>Conduct participatory M&E of all forest development projects</p>	<p>Participatory M&E plan developed and implemented by 2015</p>	<p>Participatory M&E operationalised by 2015</p>	<p>Long term</p>	<p>MNRT, MANR, DFNR, TFS, MAFS, MLHSD, CSO, MLHWE,</p>	<p>High scale</p>

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<p>c. ADDRESSING MARKET UNCERTAINTIES /FAILURES</p>	<p>To review royalty, taxes and pricing of forest products</p>	<p>Competitive timber market by December 2013</p>	<p>New timber price schedule in place and operational by 2013</p>	<p>short term</p>	<p>/MNRT/TFS/Mo FEA, LGAs/respective ZNZ institutions</p>	<p>Low scale</p>
	<p>To identify, develop and operationalize PES</p>	<p>Improved community livelihoods and participation in forest conservation by 2015</p>	<p>Improved livelihoods of the communities through PES by 2015</p>	<p>Medium term</p>	<p>MNRT/TFS/LGAs/ respective ZNZ institutions/CSOs</p>	<p>Medium scale</p>
	<p>To promote economic market pricing of wood products</p>	<p>Increased contribution of wood products revenue to community livelihoods by 2015</p>	<p>Improved livelihoods of the communities through PES by 2015</p>	<p>Medium term</p>	<p>MNRT/TFS/LGAs/ respective ZNZ institutions/CSOs</p>	<p>Medium scale</p>
	<p>To study the forest product value chains to identify weaknesses and leakage and assessing opportunities</p>	<p>Increased contribution of wood products revenue to community livelihoods by 2015</p>	<p>Improved livelihoods of the communities through PES by 2015</p>	<p>Medium term</p>	<p>MNRT/TFS/CSOs/MWI/Private Sector/LGAs/respective ZNZ institutions</p>	<p>Medium scale</p>
	<p></p>	<p>Leakages and weaknesses</p>	<p>Improved livelihoods of the communities through PES by 2015</p>	<p>Incentive package through PES in place and operational by December 2013</p>	<p>January-June 2013</p>	<p>MNRT/CSOs/MWI/Private Sector</p>

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			of forest products value chain identified and controlled	Increased revenue stream by 2015 Documented leakages and weaknesses of forest products value chain		VPO/MNRT/	
		To develop a mechanism for engaging private sector and forest sector for the entire value chain of forest products To promote certification and sales of value added forest products	Private sector involvement in forestry product value chain increased by 2015 Increased revenue from forest products by 2015	A number of private sector organizations Participating in forestry product value chain by 2015 Increased certification of forest products by 2015	Medium term Medium term	VPOs/MNRT //TFS//Private Sector/respective ZNZ institutions Respective ZNZ institutions/ MNRT/TFS/ Private Sector/CSOs	Medium scale Medium scale

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				A number of forest products certified by 2015			
d. HIGH CROSS BORDER DEMAND FOR FOREST PRODUCTS	Establishment of forest plantation/ wood lots/ agroforestry for commercial use	Allocate land for tree planting for commercial use.	50Hectares allocated for tree planting for commercial use per district.	% of forest managed sustainably.	Long Term	MNRT, MLHHS, MoHA , MFAIC, LGAs, MIT, DFNR	
	Knowledge and experience sharing across the borders	Develop Joint Trainings/Capacity Building activities and Study visits.	3 study visits and 3 training per year	Number of Visits and participant per year	Long Term	MNRT, MLHHS, MoHA , MFAIC, DFNR, CSOs, Private Sectors, MIT	
	Awareness to communities and cross border officers on law enforcement	Provide relevant training to relevant cross border officials and communities.	Two trainings conducted per year	Number of trainings and participants	Long Term	MNRT, NEMC, MoHA , DoE + DFNR- Zanzibar, MIT, MoJCA	VERY HIGH
	Strengthening checks and controls at border posts.	Capacity building (Patrol vehicles, communication facilities, number of check points and personnel)	At least one vehicle, one set of communication facility per border post	Number of vehicles and communication facilities supplied	Long Term	MNRT, NEMC, MIT, MoHA , DoE +DFNR – Zanzibar, MoFEA	VERY HIGH
e. INSECURE LAND AND FOREST TENURE	Support participatory land use planning.	Awareness raising on land use Facilitate land use planning	Participatory land use plans developed by 2015	Number of villages with land use plans by 2015	Long term	MLHHSD, MLHWE, LGA, MANR, DFNR, CSO,	Very high scale

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	Support implementation of land reforms and issuance of Customary Certificate Rights of Occupancy (CCROs).	Facilitate village assemblies Identification of village boundaries Conduct village land survey Facilitate village registration Facilitate CCRO	Village certificate issues by 2015 Village boundaries identified by 2015 Village land survey conducted by 2015 CCRO issues to villages by 2015	Number of villages issued with village certificates by 2015 Number of individuals with CCROs by 2015 Number of villages surveyed by 2015	Long term	MLHSD, DoLR, DFNR, MANR, MLHWE, LGA, CSO,	Very high scale
f. INADEQUATE FUNDING FOR FOREST RESOURCES MANAGEMENT	Approve cost – benefit sharing systems between the Government and forest adjacent communities under Joint Forest Management (JFM) Explore other potential	To set up cost and benefit sharing mechanism in forest management To mobilize funding for forest resources management	Enhanced mechanism of cost and benefit sharing for forest management Increased funding for forest resources management	Cost and benefit sharing mechanism in place Resources Mobilization Strategy in place. Forest resources	Medium term Medium term	MNRT/TFS/CSOs/Private Sector/MoFEA/respective ZNZ institutions (MANR/DFNR)	Medium scale

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	financing options		.	sustainably managed.			
g. WOOD SPECIES PREFERENCE FOR TIMBER	Promote the use of lesser valued timber species	To identify and promote the use of least valued timber species	Increased utilization of lesser valued timber species	New timber species in the market	Jan –Dec 2012	MNRT/TFS/respective ZNZ institutions/CSOs	Medium scale
	Promote environmentally-friendly wood utilization technologies	To identify and promote environmentally friendly wood utilization technologies	Increased efficiency in wood utilization	Environmentally friendly wood utilization technologies in place and operational	January – December 2013	MNRT/TFS/CSOs/respective ZNZ institutions/private sector	Medium
	Promote planting and awareness raising on timber species	To promote planting and awareness raising on timber species	Increased planting of timber tree species	Area of timber tree species planted	Jan 2013- Dec 2015	MNRT/TFS/CSOs/Private Sector/respective ZNZ institutions (DFNR, DoE)	Medium scale
h. HIGH DEMAND OF FOREST PRODUCTS							

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(3) FOREST FIRES

a. Low level of understanding the effects of fire to the forest ecosystems.	Strengthening mechanisms for controlling charcoal making activities.	Undertake awareness campaigns to forest dependent communities and law enforcers. (Production of Awareness materials i.e. brochure, leaflets, magazines, TVs and Radio Programs)	Number of incidence of fire outbreaks per year.	Proportion of charcoal producers using improved technology.	Long Term	MNRT, MEM, TaTEDO, CBO, DoE and DFNR – Zanzibar.	HIGH
b. Uncontrolled charcoal making.	Improve charcoal making technologies and practices.	Piloting and investing in improved charcoal making technologies (support charcoal makers, REA and SIDO)	At least 4 centers supply improved charcoal making skills/equipment	Number of centers supplied improved charcoal making skills/equipment	Long Term	MNRT, MEM, , REA, SIDO, DoE/DFNR – Zanzibar, Private Sector.	VERY HIGH
c. DETRIMENTAL	Educate and	Develop	Awareness	Awareness	Long term	MNRT, TFS	High scale

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<p>CULTURAL PRACTICES</p>	<p>advocate abandoning environmentally, socially and economically unfriendly traditions and cultural beliefs.</p>	<p>Awareness raising on plan</p> <p>Develop IEC materials on unfriendly traditions and culture beliefs</p> <p>Conduct awareness raising campaigns in the respective areas</p>	<p>raising plan developed by 2015</p> <p>IEC materials developed and disseminated by 2015</p> <p>Awareness raising campaigns conducted by 2015</p>	<p>raising plan operational by 2015</p> <p>A number of awareness raising campaigns conducted by 2015</p>		<p>(Publicity units), MANR/DFNR, CSO, media,</p>	
	<p>Enhance awareness raising of forest fires.</p>	<p>Training on alternative methods of clearing farms, honey harvesting</p> <p>Develop IEC materials on forest fires</p> <p>Facilitate villages to establish and clear fire lines in forests</p> <p>Awareness raising</p>	<p>IEC materials developed and distributed by 2014</p> <p>Communities trained on alternatives methods of clearing farms and honey harvesting by 2014</p>	<p>Reduced incidences of forest fires by 2014</p>	<p>Long term</p>	<p>MNRT, TFS, MANR, DFNR, LGA, CSO, Media, Private sector, MAFS, MLFD, Ministry of Education</p>	<p>High scale</p>

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		campaigns on forest fires	Awareness raising campaigns conducted by 2014 Fire lines established by 2014				
	Enforce laws, regulations and by-laws.	Training on laws and regulations at all levels Develop and distribute IEC materials Awareness raising on laws and regulations Facilitate forest patrols	Improved enforcement of laws, regulations and by laws by 2014	Number of reported incidences to relevant authorities by 2014	Long term	MNRT, TFS, MANR, DFNR, LGA, CSO, Media, Private sector, police force, PCCB, judiciary	High scale
	Support implementation of National Environmental Education and Communication strategy (NEECS)	Develop plan for creating awareness of the existence of the NEECS Conduct awareness raising to relevant	Awareness raising plan developed and implemented by 2015 Relevant information	NEECS operational by 2015	Long term	MOEVT, MEZ, CSO, Private sector, Media, VPO, NEMC, FVPO, MAFS, MEM, MANR, MLFD, LGA,	Very high

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	<p>stakeholders</p> <p>Disseminate the NEECS to relevant stakeholders</p> <p>Facilitate mainstreaming of NEECS in stakeholders action plans</p> <p>Mainstream NEECS in school curriculums</p>	<p>on NEECS disseminated to key stakeholders by 2015</p> <p>NEECS mainstreamed in stakeholders action plans and school curriculums by 2015</p>				
<p>Support application of useful traditional knowledge and participation of influential leaders.</p>	<p>Identify existing traditional knowledge</p> <p>Identify influential leaders</p> <p>To document the traditional knowledge for future use</p> <p>To facilitate the influential leaders to create awareness on the</p>	<p>Useful Traditional knowledge identified and documented by 2015</p> <p>Influential leaders identified and facilitated to disseminate useful traditional knowledge</p>	<p>Useful traditional knowledge applied by 2015</p>	<p>Long term</p>	<p>MNRT, TFS, LGA, CSO, Media, Private sector, MICS,</p>	<p>Very high</p>

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		existing traditional knowledge to communities	by 2015				
	Introduce Beekeeping practices in forests.	<p>Conduct study on good practices on beekeeping</p> <p>Training on proper beekeeping practices (proper harvesting)</p> <p>Training on marketing research skills, entrepreneurship skills, Provide beekeeping gears/equipments</p>	<p>Study on good beekeeping practices conducted by 2015</p> <p>Communities trained on proper beekeeping and entrepreneurship skills</p> <p>Beekeeping gears/equipments provided to communities</p>	Best beekeeping practices disseminated and implemented by 2015	Long term	MNRT, TFS, MANR, DFNR, LGA, CSO, private sector,	Very high
(4) AGRICULTURAL EXPANSION							

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	Strategic Interventions	Specific activities	Output	Performance indicators	Timeframe	Key Players	Budget Estimates
a. POOR FARMING SYSTEMS	Review existing land-use policies, programmes and plans in the context of REDD+	To review existing land use policies. Programmes and plans	REDD+ issues integrated into existing land- use policies, Programmes and plans	REDD+ issues integrated into land use policies, programmes and plans	Medium	VPO, Ministries responsible for agriculture, livestock and forestry, LGAs, CSOS and Development partners, Research Institutions	Medium
		To facilitate development of land use and management plans at village level	Land use and management plans developed	Number of land use and management plans endorsed	Medium	VPO, Ministries responsible for agriculture, livestock and forestry, LGAs, CSOS and Development partners, Research Institutions	Medium
		To promote best agricultural practices	Adoption of best agricultural practices	Rate of adoption of agricultural best practices			
	Introduction/promotion of innovations that contribute to reducing carbon emissions	To introduce implementation of best agronomic practices	Best agronomic practices in place	Number of best agronomic practices in place	Medium scale	VPO, Ministries responsible for agriculture, livestock and forestry, LGAs,	High range

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	from productive activities.	To introduce better range management practices To the support introduce of off-farm employment activities	Better range management practices in place Off- farm employment activities created	Number of better range management practices in place Number of off- farm employment activities in place		CSOs and Development partners, Research Institutions	
	Support the enhancement of human resource capacity for mitigating climate change impacts including REDD+	To support establishment of farmer field schools To strengthen field stations for practical learning	Farmers field schools established Field stations for practical learning strengthened	The number of farmer field schools established Number of field stations utilized for practical learning	Medium range	VPO, Ministries responsible for agriculture, livestock and forestry, LGAs, CSOs and Development partners, Research Institutions	
	Support interventions that ensure communities use appropriate crops in terms of better yields, environmental friendliness, and high value that will generate higher income	To support introduction of high quality variety of crops	High quality crop varieties introduced	Yield and income obtained per unit area	Medium scale	Ministries responsible for agriculture, livestock and forestry, LGAs, CSOs and Development partners, Research Institutions	

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	on smaller pieces of land.						
	Support agro-ecosystems that promote soil fertility, productivity and crop protection.	To document and promote existing best agro forestry practices	Best agro forestry practices documented and promoted	Number of best agro forestry practices identified	Short term	VPO, Ministries responsible for Agriculture, livestock, forestry, TAFORI and LGAs	Medium scale
		To establish agro forestry demonstrations plots at districts level	District Agroforestry demonstration plots established	Number and area of demonstration plots established at district level	Medium term	VPO, Ministries responsible for Agriculture, livestock, forestry, TAFORI and LGAs	Medium scale
		To document existing best agro forestry practices	Best agroforestry practices documented and promoted	Number of best agroforestry practices implemented	Short term	VPO, Ministry responsible for agriculture, livestock and forestry, LGAs, CSOS and Development	Medium scale
	Ensure effective implementation of the relevant policies and programmes	To build capacity and support of agricultural policies and programmes implementers	Capacity of implementers built and supported	Number of implementers supported	Medium term	Ministry responsible for agriculture, livestock and forestry, LGAs, CSOS and Development	
	Ensure effective enforcement of the relevant pieces of legislation	To build capacity and support for law enforcers	The capacity of law enforcers built and supported	Number of law enforcers supported	Medium term	Ministries responsible for agriculture , forestry, settlement,	

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						livestock , Land, LGAs,	
b. Expansion of commercial farming (e.g. bio-fuel, tobacco, tea and sisal)	Advocate for government policy on large scale farming investment in the context of REDD+	To conduct advocacy on government policy on large scale farming investment in the context of REDD+	Policy on large scale farming in the context of REDD+ in place	Policy document in place	Medium term	VPO, Ministries responsible for investment, agriculture, forestry, livestock, finance, Tourism	Medium scale
	Support development and implementation of land use planning and monitoring of commercial farming activities	To build capacity of districts authorities to develop and implement land use plans framework To develop land use plan framework at district level To facilitate the development of village land use plan	Capacity of district authorities to develop and implement land use plans District land use plan framework developed Village land use plan developed	Number of plans developed and implemented by district authorities Number of district land use plan framework developed Number of village land use plan in place	Long term	Ministries responsible for land, LGAs, agriculture, forestry, tourism, settlement, livestock , Land use planning commission	- Very high scale
		To build capacity of districts authorities to monitor commercial farming activities	Capacity of district authorities to monitor commercial farming activities	Level of participation of district authorities in monitoring commercial farms	- Medium term	Ministries responsible for Land, agriculture, livestock, forestry, LGAs CSO and private sector	Medium scale

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			enhanced				
	Support village level awareness raising on land tenure issues	To develop and implement awareness programmes on land tenure issues at village level	Sensitized communities on land tenure issues improved	Number of sensitized communities	Medium term	Ministries responsible for Land, agriculture, livestock, forestry, tourism and media	- Medium scale
	Awareness raising to Economic Processing Zone (EPZ) practitioners on REDD+ activities	- To conduct sensitization meetings to EPZ and ZIPA/EEZ practitioners on REDD issues	Awareness and understanding of EPZ and ZIPA practitioners on REDD issues improved	Number of meetings conducted	Short term	Ministries responsible for Land, agriculture, livestock, forestry, industries and trade finance, LGAs ,tourism and media,	- Low scale
		Conduct study visit to REDD projects	REDD practices considered in investment plans	Number of project visited	Short term	Ministries responsible for Land, agriculture, livestock, forestry, industries and trade finance, LGAs ,tourism and media	- Low scale
	Enhance Green Labeling systems	Raise awareness to progressive farmers, agro-processors and traders on existing potential of green labeling products	Agri-business Practitioners engaged in green labeling system	Number of Agri-business Practitioners engaged in green labeling system	Medium terms	Ministry responsible for agriculture, Industry, livestock trade, finance, TBS, ZBFD, TANCET, TOAM, NEMC, Chamber of Commerce	Low scale

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		To develop guideline for green labeling	Guideline for green labeling prepared	Guideline in place and followed	Short term	Ministries responsible for agriculture, Industry, livestock trade, finance, TBS, ZBFD, TANCET, TOAM, NEMC, Chamber of Commerce	Low scale
	Support TIC, ZIPA and interested partners to develop REDD+ investment guidelines	To conduct meetings with TIC, ZIPA and interested partners to impart basic knowledge on REDD+	TIC, ZIPA and other partners understand basic knowledge on REDD+	Level of TIC, ZIPA and other partners in articulating REDD+ investment issues.	Short term	Ministry responsible for finance, investment, agriculture, forestry, livestock, industry, Tourism	- Medium scale
		To support TIC and ZIPA develop REDD investment guideline	Guideline for REDD investment prepared	Guideline in place and operationalize	Short term	Ministries responsible for investment, agriculture, forestry, livestock, industry, Tourism, LGAs	Medium scale
(5) Overgrazing and nomadic pastoral practices							
a. DRY SEASON FODDER SHORTAGES	Develop and execute plans to promote dry season fodder	To develop plan for dry season fodder production	Plan for production of dry season	Dry season fodder production in place	Long term	Ministries responsible for finance, land, livestock,	Large scale

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	production on private and general lands		fodder developed			agriculture, LGA's, forestry, water.	
		To operationalise dry season fodder production plan	Operation of dry season fodder production plan	Operational dry season fodder production plan	Medium term	Ministries responsible for finance, land, livestock, agriculture, LGA's, forestry, water.	High scale
		To promotion of production of commercial hay and fodder.	Private sector involvement in commercial production of fodder.	Number of private entities involved	Medium term	Ministries responsible for finance, land, livestock, agriculture, LGA's, forestry, water Private Sectors.	Medium scale
	Implement effective plans for sustainable management of forest that enhances forage productivity under different forest	To preparation forest management plans that accommodate silvi-pastoral practices	Forest management plans with silvi-pastoral system incorporated .	Forest management plan document with silvi-pastoral system in place	Medium term	Ministries responsible for forestry, finance, land, livestock, agriculture, LGA's, water	Medium scale
	management regimes	To implement rotational grazing	Sustainable fodder production enhanced.	Number of hectares under rotational grazing	Long term	Ministries responsible for finance, land, livestock, agriculture, LGA's, forestry, water	Large scale
	Promote technologies for and enhance access to concentrate feed at local level	To promote and disseminate technologies for manufacturing of concentrate feed at local level.	Local community adopting the technologies	Number of villages/local communities that have adopted	Medium term	Ministries responsible for finance, land, livestock, agriculture, LGA's, forestry, water.	Medium scale

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		To create incentive packages for private sector involvement	Private sector involvement	Number of private sector entities involved	Short term	Ministries responsible for finance, land, livestock, agriculture, LGA's, forestry, water and private sectors.	Medium scale
	Scale up fodder reserve system, especially silage and hay, for use during slack periods	To create adequate fodder reserves at local level	Amount of adequate fodder reserves secured	Number of hectares set aside for fodder reserve	Medium term	Ministries responsible for finance, land, livestock, agriculture, LGA's, forestry, water and private sectors.	Medium scale
	Develop a livestock development strategy	To Identify gaps and weakness of existing strategy	Gaps and weakness identified	Reports showing the gaps and weakness	Short term	Ministries responsible for finance, land, livestock, agriculture, LGA's, forestry, water and private sectors.	Low scale
		To develop livestock strategy in the context of REDD+	Livestock strategy in the context of REDD+ developed	Livestock strategy in place and use	Medium term	Ministries responsible for finance, land, livestock, agriculture, LGA's, forestry, water and private sectors	Low scale

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(6)INFRASTRUCTURE DEVELOPMENT

a. NEW ECONOMIC GROWTH PROSPECTS (OIL, GAS AND MINING)	Credible Environmental Impact Assessment	To comply and enforce environmental impact assessments	Negative/adverse environmental impact from new economic investments reduced by 2015	Number of new economic investments complying with EIA recommendations	January 2013 – December 2015	VPO/NEMC/Private Sector/CSOs/respective ZNZ institutions (Energy, lands, DFNR)	Low
	Promote integrated sectoral planning, monitoring and evaluation of new economic prospects development projects	To promote integrated sectoral planning, monitoring and evaluation of new economic investments	Reduced negative/adverse environmental impacts from new investments by 2015	Number of Sector participation in integrated sectoral planning, monitoring and evaluation	January, 2013 – December, 2015	VPOs/NEMC/Sectoral Ministries/CSOs/respective ZNZ institutions (Lands, DoE, DFNR)	Low

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(7) Settlement and Resettlement

a. REFUGEE FACTOR							
b. RAPID POPULATION GROWTH	Support family planning programmes	Develop awareness package to address relationship between natural resources exploitation and human population growth	Awareness package developed	Awareness programme document in place	Short term	Ministries responsible for health, gender, good governance, development partners, LGA's.	Low scale
		To conduct awareness programme to stakeholders	Awareness programmes conducted	Number of awareness programme conducted	Short term	Ministries responsible for health, gender, good governance, development partners, LGA's.	Medium scale
c. LAND USE CONFLICTS AND LACK OF LAND USE PLANS	Promote integrated sectoral planning, monitoring and evaluation of land use planning	Conduct sector consultative meetings during planning phases	Participatory M&E plan developed and implemented by 2015	Participatory M&E operationalised by 2015	Long term	MNRT, MANR, TFS, MAFS, MLHSD, CSO, MLHWE,	High scale
		Develop M&E framework and conduct participatory M&E of land use plans					
	Promote the use of GIS	Develop GIS training plan	GIS training plan	Use GIS technology	Long term	Land use planning	Very high scale

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	technology in planning.	<p>Conduct training on GIS in planning to relevant stakeholders</p> <p>Provision of GIS software/tools</p>	<p>developed and implemented by 2015</p> <p>Relevant stakeholders trained on use of GIS technology in planning by 2015</p> <p>GIS software and tools provided to relevant stakeholders by 2015</p>	in planning operationalised by 2015		<p>commission, MLHSD, LGA, Academia, MNRT, MANR, DFNR, DoE, MLHWE,</p>	
	Support land use planning commission to develop and implement national land use plans in the context of REDD+.	<p>Training plan for REDD+ to NLUPC</p> <p>Training NLUPC staff on REDD+ issues</p>	<p>Training plan developed and implemented by 2013</p> <p>NLUPC staff trained on REDD+ issues by 2013</p>	Land use plans incorporate REDD+ issues by 2013	Short term	<p>NLUPC, MLHSD, MLHWE, REDD+ Secretariat, NRTF, MAFS, MANR, DoLR-Zanzibar, LGA,</p>	Medium

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	Document experience from the surveyed villages.	Prepare reports on surveyed villages showing challenges, successes, Disseminate the reports to key stakeholders	Experience from survey villages documented and disseminate by 2015	Number of reports documented and disseminated by 2015	Medium	NLUPC, MLHSD, MLHWE, REDD+ Secretariat, NRTF, MAFS, MANR, LGA,	Medium
	Support demarcation and mapping of village lands.	Conduct village assemblies Identify existing land uses Demarcating and mapping of village land	Village lands demarcated and mapped by 2015 Land uses identified by 2015	Number of village lands demarcated and mapped by 2015	Long term	NLUPC, MLHSD, MLHWE, NRTF, MAFS, MANR, DFNR, DoLR LGA,CSO, private sector	Very high
	Develop clear engendered guidelines for land tenure.	Conduct study on gender and land tenure Develop engendered guidelines for land tenure Validation and stakeholders consultative	Study on gender conducted by 2014 Engendered guidelines developed by 2014 Validation and	Engendered land tenure guidelines operationalis e by 2015	Medium	MLHSD, MLHWE, MAFS, MANR, DoLR-Zanzibar LGA, NLUPC, CSO, private sector,	High

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		workshop	consultative workshops conducted by 2014				
	Develop and enforcing by-laws.	Facilitate preparation of village bylaws Guide villages to develop and implement by laws Capacity building on Village committees to enforce the by laws	Village by laws developed by 2015	Village by laws operational by 2015	Long term	MLHHS, MLHWE, MAFS, MANR, DFNR, DoE, LGA, CSO, Private sector,	High
	Develop buffer zones and clear forest boundaries.	Identify and mark forest boundaries Create buffer zones and forest boundaries	Buffer zones created and marked by 2014 Forest boundaries cleared by 2014	Number of forests with clear buffer zones by 2014	Long term	MNRT, TFS, MANR, DFNR, MLHHS, MLHWE, CSO, private sector,	Very high

(8)INTRODUCTION OF ALIEN AND INVASIVE SPECIES

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a. INTRODUCTION OF Exotic Species	Conduct detail studies before introduce exotic species e.g. invasiveness behavior of various species	To identify the common plant species imported in the country and Conduct thorough studies to understand their behavior/characteristics	Common species imported and its behavior Understood.	Number of species Studied	Short term	Ministries responsible for agriculture, forestry, TAFORI, NTSP, TANSEED,	Short scale
	Increase monitoring of importing and planting of exotic species	To review existing regulation to identify gaps	Gaps identified and documented.	Improved regulation in place.	Long term	Ministry responsible for agriculture, forestry, TAFORI, National Tree Seed Programme, TANSEED,	Medium scale
		To train plant protection inspectors at the entry points on the methods and techniques on the area of their specialization	Plant inspectors capacity enhanced	Imported invasive species reduced	Medium term		Medium scale
		To provide tools and equipment to plant protection inspectors.	Tools and equipments for inspections in place	Number and types of tools and equipments for inspections			