

		<p><i>sector-specific and cross-sectoral planning and management of climate change risks and opportunities</i></p> <ul style="list-style-type: none"> <li>• Strengthen the capacity of the VPO-DoE to sensitise members of parliament, councillors, sector environmental coordinators, regional environmental experts and environmental management officers on CCA.</li> <li>• In liaison with the VPO-DoE design CCA awareness packages in order to sensitise private sector, civil societies at national and LGA levels.</li> <li>• Strengthen the capacity of VPO-DoE/NEMC to mainstream and undertake public awareness campaigns in their ongoing environment activities at district levels using the CCA awareness packages.</li> <li>• In liaison with NEMC and the Institute of Curriculum Development review the National Environmental Education Communication Strategy with the aim of enhancing the CC component for integration in education curriculums of primary schools, secondary, tertiary institutions and</li> </ul>	<p>environmental management officers in ministries participating in CCA forums consistently</p> <p>AR2 Indicator 2: CCA awareness packages developed and disseminated.</p> <p>AR2 Indicator 3: CC integrated in primary, secondary and tertiary education curriculum</p>			
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<p><b>Output 3:</b> Climate change adaptation policies and strategies mainstreamed in MDAs</p> <p><b>Indicator 7:</b> MDAs mainstream CCA in their policies and action plans at national district and community levels</p> <p><b>Baseline:</b> MDAs have not yet integrated CCA in their policies and strategies</p> <p><b>Indicator 8:</b> Lessons from pilot projects contribute to CC policy and up scaling guidelines of similar projects.</p> <p><b>Baseline:</b> Currently there has been limited linkage between CC projects by government and civil society with policy formulation processes.</p>	<p><b>Target 2010</b> 4 pilot projects designed and implementation begins</p> <p><b>Target 2011</b> Guidelines for integration of CCA in MDA policies, programmes and projects developed.</p> <p>4 MDAs and 4 districts have mainstreamed CCA in their policies, programmes and projects</p>	<p>community training institutions.</p> <p><b>Activity Result 1:</b> CC adaptation strategies and action plans developed by MDAs for use at national, district and community levels.</p> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>In liaison with VPO-DoE develop guidelines and an action plan on how to integrate CCA into other existing sectoral programmes and projects in reference to the National Adaptation Strategy and Action plan linking with the pilot projects in AR2.</li> <li>Support the VPO-DoE assist MDAs mainstream CCA in sectoral policies linking to the UN-Joint Programme.</li> </ul> <p><b>Activity Result 2:</b> Pilot CCA measures are implemented in four districts using multi-sectoral, multi-stakeholder and integrated approaches in livestock, energy, water, agriculture, gender, poverty reduction and environmental management in order to inform CCA integration into relevant policies.</p> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>Design and implement an integrated project in a semi-arid area on adapting to drought stress incorporating energy, water, pasture</li> </ul>	<p><b>AR1 Indicator 1:</b> Guidelines on how to integrate CCA into programmes and projects in place</p> <p><b>AR1 Indicator 2:</b> Number of sectoral policies with CCA mainstreamed</p>	<p>Guidelines and action plan document on how to integrate CCA in MDA policies, programmes and projects</p> <p>Pilot project reports</p> <p>Documentation on lessons learnt and best practices</p>	<p>End of month 24</p>	<p>VPO-DOE, DOE Zanzibar</p>	<p>Pilot project grants, Consultancy services, Technical assistance M&amp;E budget, Office expenses, Operational costs, Documentation costs</p> <p><b>Total output costs: US\$ 1,165,000</b></p>
						<p>VPO-DOE, DOE-Zanzibar, PMO-RALG, MEM,MLD F,MOVI,MAFC, MCGDC</p>	<p>End of months 12, 24</p>

<p>Output 4: Regional, sub-regional, national, and local financing options to meet national adaptation costs</p>	<p>Target 2010</p> <ul style="list-style-type: none"> <li>MOFEA trained in identification of long term CCA financing</li> </ul>	<ul style="list-style-type: none"> <li>and livestock management and alternative livelihoods linking with the SLM programme under UNDP.</li> <li>Design and implement an integrated adaptation project in a coastal area targeting adaptation to sea level rise incorporating flood management, infrastructure planning, disaster preparedness and early warning systems on the mainland and in Zanzibar.</li> <li>Design and implement an integrated adaptation project in a semi-humid area emphasising the introduction of crops which can tolerate high temperatures and decreasing moisture linking with the SLM programme under UNDP</li> <li>Develop specific replication and up scaling guidelines for each pilot and link their implementation with appropriate financing mechanisms developed under output 4.</li> <li>Document lessons learnt and best practices with the aim of informing the climate proofing of sectoral policies.</li> </ul>	<p>AR1 Market/fiscal/financial mechanisms/guidelines and accountability</p> <p>Indicator1: Market/fiscal/financial mechanisms/guidelines and accountability</p>	<p>Training reports Guidelines for mainstreaming CC into</p>	<p>End of months 12 and 24</p>	<p>VPO-DOE MOFEA Consultants</p>	<p>Technical Assistance Consulting services</p>
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<p><b>expanded</b></p> <p><b>Indicator 9:</b> Tanzania has fiscal and regulatory policies/guidelines to enable private sector and global funding investment in CCA</p> <p><b>Baseline</b> Tanzania does not have fiscal and regulatory policies/guidelines to enable expanded CCA financing.</p> <p><b>Indicator 10:</b> CCA mainstreamed in annual MDA and LGA budgets through enhanced capacities.</p> <p><b>Baseline:</b> Currently MDAs and LGAs have limited capacities required to mainstream CCA in their budgets.</p>	<p>and development of fiscal mechanisms to coordinate CC funds.</p> <p><b>Target 2011</b></p> <ul style="list-style-type: none"> <li>Market/fiscal/financial mechanisms/guidelines developed for national, LGA and community levels.</li> <li>4 MDAs and 4 districts mainstream CCA in their budgeting processes.</li> <li>Global and private sector long term CC financing integrated in national investment plans.</li> </ul>	<p><b>CCA funding expanded</b></p> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>In liaison with MOFEA develop market/fiscal/financial mechanisms/guidelines for harmonised and well coordinated CC financing at national, local government and community levels.</li> <li>Develop and implement training programmes for personnel in the MOFEA on mainstreaming CCA in budgeting and investment planning guidelines developed under output 1.</li> <li>Develop a financing model to create incentives for the private sector to invest in adaptation programmes.</li> </ul> <p><b>Activity Result 2: Develop long-term financing mechanisms for CCA for Tanzania.</b></p> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>Strengthen the capacities of selected government ministries in the identification of global long term funding and investment for CCA at national, local government and community levels.</li> <li>Based on climate risk information generated under Output 1, and policy reviews conducted under</li> </ul>	<p>procedures for CCA in place.</p> <p><u>AR1 Indicator 2:</u> CCA evident in budgeting and planning processes</p> <p><u>AR1 Indicator 3:</u> Number of personnel trained and practising new skills</p> <p><u>AR1 Indicator 4:</u> Financing model for private sector investment in place.</p> <p><u>AR2 Indicator 1:</u> Global long term funding and investment for CCA identified.</p> <p><u>AR2 Indicator 2:</u> Number of MDAs and LGAs reflecting CCA in their annual budgets (impact).</p>	<p>planning, investment plans, and budgets</p> <p>Reviewed investment plans with CCA mainstreamed</p>	<p>By end of month 12 and 24</p>	<p>VPO-DOE MOFEA</p>	<p>Training budget Operational costs Office consumables <b>Total Output costs: US\$ 386,575.49</b></p>
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<p><b>Output 5: Knowledge on the implications of climate change generated and shared among stakeholders at all levels</b></p> <p><b>Indicator 11:</b> Tanzania has a Climate Change Communication Strategy in place.</p> <p><b>Baseline</b> Currently Tanzania does not have Climate Change Communication Strategy that stipulates how information on CC should be addressed at various levels.</p> <p><b>Indicator 12:</b> Tanzania shares CCA knowledge internally and externally through use of the media and regional sharing networks.</p> <p><b>Baseline</b> Tanzania currently not sharing CCA knowledge internally or externally due to lack of comprehensive communication strategy.</p>	<p><b>Target 2010</b></p> <ul style="list-style-type: none"> <li>National Climate Change Communication Strategy developed</li> </ul> <p><b>Target 2011</b></p> <ul style="list-style-type: none"> <li>Documentation and dissemination of the AAP process through mass media</li> <li>3 CCA Management toolkits for communities developed for the arid, coastal and semi-humid zones.</li> <li>CCA knowledge package for the private sector developed.</li> </ul>	<p>Output 3, mainstream CCA in MDAs and LGAs annual budgets.</p> <p><b>Activity result 1:</b> CC adaptation knowledge, lessons and experiences are used to inform national and LGAs policies and CC interventions at community level.</p> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>VPO-DoE to develop a National Communication Strategy on climate change.</li> <li>Document process, outputs and lessons learnt of CCA pilot projects e.g. as academic papers, published books and audio visual materials, and published and shared through learning networks and mass media.</li> <li>Develop and disseminate a CCA Management toolkit for communities through the MCDGC and NEMC whilst linking with the UN Joint programme on public awareness campaigns.</li> <li>Package CCA knowledge for private sector businesses through the Tanzania Chamber of Industry, Commerce and Agriculture.</li> </ul>	<p>AR1: Indicator 1: National Communication Strategy on climate change developed</p> <p>AR1: Indicator 2: Number of dissemination forums attended.</p> <p>AR1: Indicator 3: % change of community level knowledge on CCA</p> <p>AR1: Indicator 4: CCA knowledge translates into better business practices by the private sector</p>	<p>Media reports</p> <p>Meeting reports</p> <p>National Climate Change Communication Strategy Document</p> <p>CC Management toolkit for communities</p> <p>Private sector CCA packages</p>	<p>End of months 12 and 24</p>	<p>VPO-DOE</p> <p>NEMC</p> <p>Consultants</p>	<p>Consulting services</p> <p>Publication budget</p> <p>Media costs</p> <p>Dissemination costs</p> <p>Sharing meetings costs</p> <p>Operational costs</p> <p><b>Total output costs</b></p> <p><b>USD \$ 270,000</b></p>
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### Budget Summary

Agency	Output 1	Output 2	Output 3	Output 4	Output 5	Total (US\$)

UNDP/GOJ	420,000	490,000	1,114,000	175,000	200,000	2,561,575.49
Management Support						410,000
<b>GRAND TOTAL</b>						<b>2,971,575.49</b>

IV. ANNUAL WORKPLAN  
Year 2010

EXPECTED OUTPUTS <i>And baseline, indicators including annual targets</i>	PLANNED ACTIVITIES <i>List activity results and associated actions</i>	TIME FRAME				RESPONSIBILITY	PLANNED BUDGET		
		Q1	Q2	Q3	Q4		Funding Source	Budget Description	Amount
<p><b>Output 1:</b> Dynamic long-term planning capacities and tools to manage inherent uncertainties of climate change enhanced</p> <p><b>Indicators</b></p> <ul style="list-style-type: none"> <li>Tanzania's CC information base consolidated.</li> <li>Tanzania's CC capacity for modelling enhanced.</li> <li>CCA integrated into planning processes at national, local government and district levels.</li> </ul> <p><b>Baseline</b></p> <ul style="list-style-type: none"> <li>Tanzania has not integrated CCA in its planning processes.</li> <li>Tanzania has weak modelling capacity</li> <li>Tanzania has many CC related studies that are scattered in various institutions.</li> </ul> <p><b>Target</b></p> <p>Information on CC risk vulnerability and impacts studies, adaptation options and their linkage to socio-economic data consolidated into a comprehensive document.</p> <p><b>Related CP outcome:</b>  <b>CP outcome 1:</b> Increased adoption of equitable pro-poor and gender sensitive economic policies and programmes.</p> <p><b>CP outcome 4:</b> Effective mechanisms in place, including social protection, that address institutional barriers and socio-cultural dimensions to promote</p>	<p><b>Activity Result 1.</b> CC information base expanded and recommendations integrated into long term national planning and decision making processes, such as MKUKUTA and MKUZA, GOT 5 year national, local government and sectoral strategies and plans.</p> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>Collect and consolidate information on climate risk vulnerability, climate change impacts, adaptation options in sectors such as energy, forestry, wildlife, water (inland and coastal), agriculture, health, gender, infrastructure, livestock and fisheries, tourism and link with existing socio-economic data by UDSM, NEMC, SUA, TMA and others for planning by MDAs and LGAs.</li> <li>Research and document indigenous knowledge on adaptation of farmers and pastoralists in areas not targeted by the IDRC research programme under jRA.</li> </ul> <p><b>Activity result 2.</b>  <b>Strengthened capacities of TMA, NEMC, other research institutions, MDAs and LGAs in CC data collection,</b></p>		X	X	X		GoJ	Technical assistance, Short term consultants Office consumables Consulting and research services, Meeting budgets, Operational expenses.	\$50,000
						VPO-DOE, NEMC, SUA, TMA			
						VPO-DOE, Consultants	GoJ	Meteorological equipment and software financing Consulting	\$160,000

and protect the rights of the poor and most vulnerable.	analysis, dissemination and development of planning tools.	X	X	VPO,DOE, DOE Zanzibar, Consultant	GoJ	Meetings budgets Consultancy services Office expenses	\$55,000
<p>Actions</p> <ul style="list-style-type: none"> <li>Develop long term capacity building plans for research institutions on CCA data collection, analysis and packaging of results for targeted sectors and MDAs. Technical capacities of TMA enhanced on modelling and downscaling global CC models in areas not targeted by the World Bank programme on linking local, regional and global CC models for land-use and economic modelling to Tanzania, guided by user needs expressed in work undertaken for AR1.</li> <li>Long term planning tools e.g. MTEF and Strategic Plans adjusted to incorporate CC projections by priority MDAs through the use of climate risk information consolidated under AR1.</li> <li>Strengthen the early warning systems by supporting TMA to provide updated information on early warning and disaster preparedness to relevant institutions which will include, MAFC, Disaster Management unit of PMO-RALG and others.</li> </ul>	<p>Activity result 1. CCA national coordination framework strengthened at national and local government levels.</p>	X	X	VPO,DOE, DOE Zanzibar, Consultant	GoJ	Meetings budgets Consultancy services Office expenses	\$55,000
Output 2: Climate Change leadership and coordinating CC framework strengthened to manage climate change risks/opportunities							



<p><b>Indicators</b></p> <ul style="list-style-type: none"> <li>Tanzania has a national multi-sectoral and multi-stakeholder coordination framework for managing CCA.</li> <li>VPO-DOE and CCA coordinating structures have trained in management of CCA at national and local government levels.</li> <li>National Environmental Education Strategy reviewed to enhance CC component for integration into the formal/informal education system.</li> </ul> <p><b>Baseline</b></p> <ul style="list-style-type: none"> <li>Currently the NCCTC does not coordinate with other national platforms dealing with various aspects of climate change.</li> <li>It also does not have a concrete action plan and M&amp;E framework for CCA action linking its actions to the LGAs, districts and villages.</li> <li>The District Environmental Committees are also not directly linked to NCCTC.</li> <li>VPO-DOE and CCA coordinating structures capacities weak in coordinating CCA action.</li> <li>The National Environmental Education Strategy being used to mainstream environmental education into the education system does not emphasise CC risks, uncertainties and impacts.</li> </ul> <p><b>Target</b></p> <ul style="list-style-type: none"> <li>Hold one national forum with all national forums coordinating CC related activities.</li> </ul>	<p><b>Actions</b></p> <ul style="list-style-type: none"> <li>Strengthen and link District Environmental Committees in the four pilot districts (3 in the mainland and 1 in Zanzibar) to the national coordinating framework.</li> <li>Strengthen the NCCTC/NCSC to link with other national CC related fora e.g. National REDD platform and SLM initiative in order to harmonise approaches and plans so as to minimise duplication of similar interventions</li> <li>Conduct various needs based trainings for VPO-DoE CCA coordinating bodies on leadership, planning, management, budgeting and M&amp;E of CCA issues at national, local government and community levels liaising with similar efforts in the environmental sector under the UN Joint Programme.</li> <li>Finalize the National CCA Strategy and Action Plan, develop CCA action plans at sector, regional, district and village levels</li> <li>Develop M&amp;E frameworks for the CCA structures at national, regional and district levels.</li> </ul>	<p>X</p>	<p>X</p>	<p>VPO-DOE, MOEVT, NEMC, Consultant</p>	<p>GoJ</p>	<p>Operational costs</p>	<p>\$60,000</p>	<p>Technical Assistance, Meetings budgets Consultancy</p>
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<p><b>Related CP Outcomes</b>  <b>CP outcome 4:</b> Effective mechanisms in place, including social protection, that address institutional barriers and socio-cultural dimensions to promote and protect the rights of the poor and most vulnerable.</p> <p><b>CP outcome 5:</b> Improved community access to safe, clean water and environmental sanitation in the rural and urban areas.</p>	<p><i>sectoral planning and management of climate change risks and opportunities</i></p> <ul style="list-style-type: none"> <li>Strengthen the capacity of the VPO-DoE to sensitise members of parliament, councillors, sector environmental coordinators, regional environmental experts and environmental management officers on CCA.</li> <li>In liaison with the VPO-DoE design CCA awareness packages in order to sensitise private sector, civil societies at national and LGA levels.</li> <li>Strengthen the capacity of VPO-DoE/NEMC to mainstream and undertake public awareness campaigns in their ongoing environment activities at district levels using the CCA awareness packages.</li> <li>In liaison with NEMC and the Institute of Curriculum Development review the National Environmental Education and Communication Strategy with the aim of enhancing the CC component for integration in education curriculums of primary schools, secondary, tertiary institutions and community training institutions.</li> </ul>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>services  Office expenses  Operational costs  Publication costs  Media costs</p>	<p>Technical Assistance, Meetings budgets</p>	<p>0.00</p>
<p><b>Output 3: Climate change adaptation policies mainstreamed in MDAs</b></p>	<p><b>Activity Result 1:</b> CC adaptation strategies and action plans developed by MDAs for use at national,</p>			<p>VPO-DOE</p>	<p>GoJ</p>			

<p><b>Indicators</b></p> <ul style="list-style-type: none"> <li>MDAs mainstream CCA in their policies and action plans at national district and community levels</li> <li>Lessons from pilot projects contribute to CC policy and up scaling guidelines of similar projects.</li> </ul> <p><b>Baseline:</b></p> <ul style="list-style-type: none"> <li>MDAs have not yet integrated CCA in their policies and strategies</li> <li>Currently there has been limited linkage between CC projects by government and civil society with policy formulation processes.</li> </ul> <p><b>Targets</b></p> <p>4 pilot projects designed and implementation begins on the mainland and Zanzibar</p> <p><b>Related CP Outcomes</b></p> <p><b>CP outcome 1:</b> Increased adoption of equitable pro-poor and gender sensitive economic policies and programmes</p> <p><b>CP outcome 4:</b> Effective mechanisms in place, including social protection, that address institutional barriers and socio-cultural dimensions to promote and protect the rights of the poor and most vulnerable.</p> <p><b>CP outcome 5:</b> Improved community access to safe, clean water and environmental sanitation in the rural and urban areas.</p>	<p><b>district and community levels.</b></p> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>In liaison with VPO-DoE develop guidelines and an action plan on how to integrate CCA into other existing sectoral programmes and projects in reference to the National Adaptation Strategy and Action plan.</li> <li>Support the VPO-DoE assist MDAs mainstream CCA in sectoral policies linking to the UN-Joint Programme.</li> </ul>				<p>Consultancy services Office expenses Operational costs</p>	
<p><b>Activity Result 2: Pilot CCA measures are implemented in four districts using multi-sectoral, multi-stakeholder and integrated approaches in livestock, energy, water, agriculture, gender, poverty reduction and environmental management in order to inform CCA integration into relevant policies.</b></p> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>Design and implement an integrated adaptation project in a semi-arid area on adapting to drought stress incorporating energy, water, pasture and livestock management and alternative livelihoods linking with the SLIM programme under UNDP.</li> <li>Design and implement an integrated adaptation project in a coastal area targeting adaptation to sea level rise incorporating flood management, infrastructure planning,</li> </ul>	<p><b>Activity Result 2: Pilot CCA measures are implemented in four districts using multi-sectoral, multi-stakeholder and integrated approaches in livestock, energy, water, agriculture, gender, poverty reduction and environmental management in order to inform CCA integration into relevant policies.</b></p>	<p>X</p>	<p>VPO-DOE, PMO- RALG, MEM, MLDF, MOWI, MAFC, MCGDC DOE-Zanzibar</p>	<p>Pilot project grants Guideline development budget Travel Technical assistance M&amp;E budget</p>	<p>\$450,000</p>	

<p><b>Output 4. Regional, sub-regional, national, and local financing options to meet national adaptation costs expanded</b></p> <p><b>Indicators</b></p> <ul style="list-style-type: none"> <li>Tanzania has fiscal and regulatory policies/guidelines to enable private sector and global funding investment in CCA</li> <li>CCA mainstreamed in annual MDA and LGA budgets through enhanced capacities.</li> </ul> <p><b>Baseline</b></p> <ul style="list-style-type: none"> <li>Tanzania does not have fiscal and regulatory policies/guidelines to enable expanded CCA financing.</li> <li>Currently MDAs and LGAs have limited capacities required to mainstream CCA in their budgets.</li> </ul> <p><b>Targets</b></p> <ul style="list-style-type: none"> <li>MOFEA trained in identification of long term CCA financing and</li> </ul>	<ul style="list-style-type: none"> <li>disaster preparedness and early warning systems on the mainland and in Zanzibar.</li> <li>Design and implement an integrated adaptation project in a semi-humid area emphasising the introduction of crops which can tolerate high temperatures and decreasing moisture linking with the SLM programme under UNDP</li> <li>Develop specific replication and up scaling guidelines for each pilot and link their implementation with appropriate financing mechanisms developed under output 4.</li> </ul>		X	VPO-DOE, MOFEA, Consultants	GoJ	Consulting services Training budget	\$25,000
	<p><b>Activity Result 1: Capacity for the receipt and management of large scale, phased and complex global CCA funding expanded</b></p> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>In liaison with MOFEA develop market/fiscal/financial mechanisms/guidelines for harmonised and well coordinated CC financing at national, local government and community levels.</li> <li>Develop and implement training programmes for personnel in the MOFEA on mainstreaming CCA in budgeting and investment planning guidelines developed under output 1.</li> <li>Develop a financing model to create incentives for the private</li> </ul>		X				

<p>development of fiscal mechanisms to coordinate CC funds.</p> <p><b>Related CP outcome:</b>  <b>CP outcome 1:</b> Increased adoption of equitable pro-poor and gender sensitive economic policies and programmes</p> <p><b>CP outcome 4:</b> Effective mechanisms in place, including social protection, that address institutional barriers and socio-cultural dimensions to promote and protect the rights of the poor and most vulnerable.</p> <p><b>CP outcome 5:</b> Improved community access to safe, clean water and environmental sanitation in the rural and urban areas.</p>	<p>sector to invest in adaptation programmes.</p> <p><b>Activity Result 2:</b> Develop long-term financing mechanisms for CCA for Tanzania.</p> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>Strengthen the capacities of selected government ministries in the identification of global long term funding and investment for CCA at national, local and government community levels.</li> <li>Based on climate risk information generated under Output 1, and policy reviews conducted under Output 3, mainstream CCA in MDAs and LGAs annual budgets.</li> </ul>	<p>X</p>	<p>X</p>				<p>VPO-DOE, MOFEA, Consultants, MDAs, LGAs</p>	<p>GoJ</p>	<p>Consulting services</p>	<p>\$10,000</p>
<p><b>Output 5. Knowledge on the implications of climate change generated and shared among stakeholders at all levels</b></p> <p><b>Indicators</b></p> <ul style="list-style-type: none"> <li>Tanzania has a Climate Change Communication Strategy in place.</li> <li>Tanzania shares CCA knowledge internally and externally through use of the media and regional sharing networks.</li> </ul> <p><b>Baseline</b></p> <ul style="list-style-type: none"> <li>Currently Tanzania does not have Climate Change Communication Strategy that stipulates how information on CC should be addressed at various levels.</li> <li>Tanzania currently not sharing CCA knowledge internally or externally due to lack of</li> </ul>	<p><b>Activity result 1:</b> CC adaptation knowledge, lessons and experiences from the region are used to inform national and LGA policies and CC interventions at community level.</p> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>VPO-DoE to develop a National Communication Strategy on climate change.</li> <li>Document process, outputs and lessons learnt of CCA pilot projects e.g. as academic papers, published books and audio visual materials, and published and shared through learning networks and mass</li> </ul>	<p>X</p>	<p>X</p>	<p>X</p>			<p>VPO-DOE, NEMC, Consultant</p>	<p>GoJ</p>	<p>Technical Assistance, Meetings budgets Consultancy services Office expenses Operational costs Packaging costs Publication costs Media costs</p>	<p>\$ 80,000</p>

<p>comprehensive communication strategy.</p> <p><b>Target</b></p> <ul style="list-style-type: none"> <li>National Communication Strategy developed</li> <li>Climate Change Strategy</li> </ul> <p><b>Related CP outcome:</b></p> <p><b>CP outcome 1:</b> Increased adoption of equitable pro-poor and gender sensitive economic policies and programmes</p> <p><b>CP outcome 4:</b> Effective mechanisms in place, including social protection, that address institutional barriers and socio-cultural dimensions to promote and protect the rights of the poor and most vulnerable.</p> <p><b>CP outcome 5:</b> Improved community access to safe, clean water and environmental sanitation in the rural and urban areas.</p> <p><b>CP outcome 6:</b> Project management support</p> <p><b>TOTAL</b></p>	<ul style="list-style-type: none"> <li>Develop and disseminate a CCA Management toolkit for communities through the MCDGC and NEMC whilst linking with the UN Joint programme on public awareness campaigns.</li> <li>Package CCA knowledge for private sector businesses through the Tanzania Chamber of Industry, Commerce and Agriculture.</li> </ul>	270,000	<b>\$ 1,160,000</b>
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YEAR 2011

EXPECTED OUTPUTS And baseline, indicators including annual targets	PLANNED ACTIVITIES List activity results and associated actions	TIME FRAME				RESPONSIBILITY	PLANNED BUDGET		
		Q1	Q2	Q3	Q4		Funding Source	Budget Description Amount	
<p><b>Output 1:</b> Dynamic long-term planning capacities and tools to manage inherent uncertainties of climate change enhanced</p> <p><b>Indicators</b></p> <ul style="list-style-type: none"> <li>Tanzania's CC information base consolidated.</li> <li>Tanzania's CC capacity for modelling enhanced.</li> <li>CCA integrated into planning processes at national, local government and district levels.</li> </ul> <p><b>Baseline</b></p> <ul style="list-style-type: none"> <li>Tanzania has not integrated CCA in its planning processes.</li> <li>Tanzania has weak modelling capacity</li> <li>Tanzania has many CC related studies that are scattered in various institutions.</li> </ul> <p><b>Target</b></p> <ul style="list-style-type: none"> <li>TMA trained and equipped with appropriate modelling software and meteorological hardware</li> <li>CCA incorporated in MKUKUTA and MKUZA.</li> <li>4 MDAS and 4 districts incorporate CCA in their MTEF and strategic plans</li> </ul> <p><b>Related CP outcome:</b>  <b>CP outcome 1:</b> Increased adoption of equitable pro-poor and gender sensitive economic policies and programmes</p> <p><b>CP outcome 4:</b> Effective mechanisms in place, including social protection, that address institutional barriers and socio-cultural dimensions to promote and protect the rights of the poor and</p>	<p><b>Activity Result 1.</b> CC information base expanded and recommendations integrated into long term national planning and decision making processes, such as MKUKUTA and MKUZA, GOT 5 year national, local government and sectoral strategies and plans.</p> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>Collect and consolidate information on climate risk vulnerability, climate change impacts, adaptation options in sectors such as energy, forestry, wildlife, water (inland and coastal), agriculture, health, gender, infrastructure, livestock and fisheries, tourism and link with existing socio-economic data by UDMSM, NEMC, SUA, TMA and others for planning by MDAs and LGAs.</li> <li>Research and document indigenous knowledge on adaptation of farmers and pastoralists in areas not targeted by the IDRC research programme under IRA.</li> </ul> <p><b>Activity result 2.</b>  <b>Strengthened capacities of TMA, NEMC, other research institutions, MDAs and LGAs in CC data collection, analysis, dissemination and development of planning tools.</b></p>					VPO-DOE, UDMSM, NEMC, SUA, TMA	GoJ	Technical assistance, Short term consultants Office consumables Consulting and research services, Meeting budgets, Operational expenses.	\$0.00
						VPO-DOE, Consultants	GoJ	Meteorological equipment and software financing Consulting services	\$210,000

most vulnerable.																																						
<ul style="list-style-type: none"> <li>Develop long term capacity building plans for research institutions on CCA data collection, analysis and packaging of results for targeted sectors and MDAs</li> <li>Technical capacities of TMA enhanced on modelling and downscaling global CC models in areas not targeted by the World Bank programme on linking local, regional and global CC models for land-use and economic modelling to Tanzania, guided by user needs expressed in work undertaken for AR1.</li> <li>Long term planning tools e.g. MTEF and Strategic Plans adjusted to incorporate CC projections by priority MDAs through the use of climate risk information consolidated under AR1.</li> <li>Strengthen the early warning systems by supporting TMA to provide updated information on early warning and disaster preparedness to relevant institutions which will include, MAFC, Disaster Management unit of PMO-RALG and others.</li> </ul>																																						
Output 2: Climate Change leadership and coordinating CC framework strengthened to manage climate change risks/opportunities																																						
<ul style="list-style-type: none"> <li>Activity result 1. CCA national coordination framework strengthened at national and local government levels.</li> </ul>																																						



<p><b>Indicators</b></p> <ul style="list-style-type: none"> <li>Tanzania has a national multi-sectoral and multi-stakeholder coordination framework for managing CCA.</li> <li>VPO-DOE and CCA coordinating structures have trained in management of CCA at national and local government levels.</li> <li>National Environmental Education Strategy reviewed to enhance CC component for integration into the formal/informal education system.</li> </ul> <p><b>Baseline</b></p> <ul style="list-style-type: none"> <li>Currently the NCCTC does not coordinate with other national platforms dealing with various aspects of climate change.</li> <li>It also does not have a concrete action plan and M&amp;E framework for CCA action linking its actions to the LGAs, districts and villages.</li> <li>The District Environmental Committees are also not directly linked to NCCTC.</li> <li>VPO-DOE and CCA coordinating structures capacities weak in coordinating CCA action.</li> <li>The National Environmental Education Strategy being used to mainstream environmental education into the education system does not emphasise CC risks, uncertainties and impacts.</li> </ul> <p><b>Target</b></p> <ul style="list-style-type: none"> <li>CCA action plans and M&amp;E frameworks at national and in 4 districts level in place</li> <li>VPO-DOE and CCA coordinating</li> </ul>	<p>District Environmental Committees in the four pilot districts (3 in the mainland and 1 in Zanzibar) to the national coordinating framework.</p> <ul style="list-style-type: none"> <li>Strengthen the NCCTC/NCSC to link with other national CC related fora e.g. National REDD platform and SLM initiative in order to harmonise approaches and plans so as to minimise duplication of similar interventions</li> <li>Conduct various needs based trainings for VPO-DoE CCA coordinating bodies on leadership, planning, management, budgeting and M&amp;E of CCA issues at national, local government and community levels liaising with similar efforts in the environmental sector under the UN Joint Programme.</li> <li>Finalize the National CCA Strategy and Action Plan, develop CCA action plans at sector, regional, district and village levels</li> <li>Develop M&amp;E frameworks for the CCA structures at national, regional and district levels.</li> </ul>	<p>X</p> <p>X</p> <p>X</p> <p>X</p> <p>X</p> <p>X</p>	<p>X</p> <p>X</p> <p>X</p>	<p>VPO-DOE, NEMC, MOEVT, Consultant</p> <p>GoJ</p>	<p>Technical Assistance, Meetings budgets Consultancy services Office expenses</p>	<p>\$260,000</p>
<p><b>Activity result 2:</b> Strengthened leadership and technical capacities at national, local government and community levels in sector-specific and cross-sectoral planning and management of climate change risks and</p>						

<p>structures trained in CCA management</p> <ul style="list-style-type: none"> <li>CCA awareness packages developed and disseminated to various stakeholders</li> <li>National Environmental Education Strategy reviewed to reflect CC.</li> </ul> <p><b>Related CP Outcomes</b></p> <p><b>CP outcome 4:</b> Effective mechanisms in place, including social protection, that address institutional barriers and socio-cultural dimensions to promote and protect the rights of the poor and most vulnerable.</p> <p><b>CP outcome 5:</b> Improved community access to safe, clean water and environmental sanitation in the rural and urban areas.</p>	<p><i>opportunities</i></p> <ul style="list-style-type: none"> <li>Strengthen the capacity of the VPO-DoE to sensitise members of parliament, councillors, sector environmental coordinators, regional environmental experts and environmental management officers on CCA.</li> <li>In liaison with the VPO-DoE design CCA awareness packages in order to sensitise private sector, civil societies at national and LGA levels.</li> <li>Strengthen the capacity of VPO-DoE/NEMC to mainstream and undertake public awareness campaigns in their ongoing environment activities at district levels using the CCA awareness packages.</li> <li>In liaison with NEMC and the Institute of Curriculum Development review the National Environmental Education and Communication Strategy with the aim of enhancing the CC component for integration in education curriculums of primary schools, secondary, tertiary institutions and community training institutions.</li> </ul>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>VPO-DOE</p>	<p>GoJ</p>	<p>Operational costs Publication costs Media costs</p>	<p>\$90,000</p>	
<p><b>Output 3: Climate change adaptation policies mainstreamed in MDAs</b></p> <p><b>Indicators</b></p>	<p><b>Activity Result 1:</b> CC adaptation strategies and action plans developed by MDAs for use at national, district and community levels.</p>									



<p><b>Output 4. Regional, sub-regional, national, and local financing options to meet national adaptation costs expanded</b></p> <p><b>Indicators</b></p> <ul style="list-style-type: none"> <li>Tanzania has fiscal and regulatory policies/guidelines to enable private sector and global funding investment in CCA</li> <li>CCA mainstreamed in annual MDA and LGA budgets through enhanced capacities.</li> </ul> <p><b>Baseline</b></p> <ul style="list-style-type: none"> <li>Tanzania does not have fiscal and regulatory policies/guidelines to enable expanded CCA financing.</li> <li>Currently MDAs and LGAs have limited capacities required to mainstream CCA in their budgets.</li> </ul> <p><b>Targets</b></p> <ul style="list-style-type: none"> <li>Market/fiscal/financial</li> </ul>	<ul style="list-style-type: none"> <li>and early warning systems on the mainland and in Zanzibar.</li> <li>Design and implement an integrated adaptation project in a semi-humid area emphasising the introduction of crops which can tolerate high temperatures and decreasing moisture linking with the SLM programme under UNDP</li> <li>Develop specific replication and up scaling guidelines for each pilot and link their implementation with appropriate financing mechanisms developed under output 4.</li> </ul>	X	X	X	X		VPO-DOE, MOFEA, Consultants	GoJ	<ul style="list-style-type: none"> <li>Technical assistance</li> <li>Consulting services</li> <li>Training budget</li> <li>Office consumables</li> </ul>	\$266,575.49
	<p><b>Activity Result 1: Capacity for the receipt and management of large scale, phased and complex global CCA funding expanded</b></p> <p><b>Actions</b></p> <ul style="list-style-type: none"> <li>In liaison with MOFEA develop market/fiscal/financial mechanisms/guidelines for harmonised and well coordinated CC financing at national, local and government and community levels.</li> <li>Develop and implement training programmes for personnel in the MOFEA on mainstreaming CCA in budgeting and investment planning using guidelines developed under output 1.</li> <li>Develop a financing model to create incentives for the private</li> </ul>	X	X	X	X					