



**GEF SECRETARIAT REVIEW FOR FULL/MEDIUM-SIZED PROJECTS*
THE GEF/LDCF/SCCF/NPIF TRUST FUNDS**

GEF ID:	8021		
Country/Region:	Zambia		
Project Title:	Zambia Lake Tanganyika Basin Sustainable Development Project		
GEF Agency:	AfDB	GEF Agency Project ID:	
Type of Trust Fund:	GEF Trust Fund	GEF Focal Area (s):	Multi Focal Area
GEF-5 Focal Area/ LDCF/SCCF Objective (s):			
Anticipated Financing PPG:	\$200,000	Project Grant:	\$7,334,247
Co-financing:	\$22,490,000	Total Project Cost:	\$30,224,247
PIF Approval:	April 28, 2015	Council Approval/Expected:	June 04, 2015
CEO Endorsement/Approval		Expected Project Start Date:	
Program Manager:	Jean-Marc Sinnassamy	Agency Contact Person:	Siham Mohamed Ahmed

Review Criteria	Questions	Secretariat Comment at PIF (PFD)/Work Program Inclusion ¹	Secretariat Comment At CEO Endorsement(FSP)/Approval (MSP)
Eligibility	1. Is the participating country eligible ?	Yes	Addressed.
	2. Has the operational focal point endorsed the project?	Yes March 11, 2015 A new letter of endorsement is available with the revised amounts. Addressed.	Addressed.
Resource Availability	3. Is the proposed Grant (including the Agency fee) within the resources available from (mark all that apply):		
	• the STAR allocation?	Yes. However, please remember that resources from only two focal areas are	Addressed.

*Some questions here are to be answered only at PIF or CEO endorsement. No need to provide response in gray cells.

¹ Work Program Inclusion (WPI) applies to FSPs only. Submission of FSP PIFs will simultaneously be considered for WPI.

FSP/MSP review template: updated January 2013

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		<p>necessary to trigger the SFM program incentive. You have to measure the complexity to develop a MFA project responding to BD, LD, CCM, and SFM strategies. You may either use only STAR resources from two focal areas or use the adjustment mechanism (up to \$2 million).</p> <p>February 27, 2015 Your choice. Addressed.</p>	
	<ul style="list-style-type: none"> • the focal area allocation? 	Yes	Addressed.
	<ul style="list-style-type: none"> • the LDCF under the principle of equitable access 	NA	NA
	<ul style="list-style-type: none"> • the SCCF (Adaptation or Technology Transfer)? 	NA	NA
	<ul style="list-style-type: none"> • the Nagoya Protocol Investment Fund 	NA	NA
	<ul style="list-style-type: none"> • focal area set-aside? 	<p>The project is triggering \$1.5 million from the SFM program. Please, be aware that this project may trigger up to \$2.925 million from the SFM program (two dollars from STAR for one dollar of SFM). Please explain if you discuss this point with Zambia. Is there any reason to do without this extra leverage \$1.425 million?</p> <p>February 27, 2015 Point taken. The point will be considered as addressed, only when a letter of endorsement will have been submitted.</p> <p>March 11, 2015 A new letter of endorsement is available with the revised amounts. Addressed.</p>	Addressed.

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Strategic Alignment	<p>4. Is the project aligned with the focal area/multifocal areas/ LDCF/SCCF/NPIF results framework and strategic objectives?</p> <p><i>For BD projects: Has the project explicitly articulated which Aichi Target(s) the project will help achieve and are SMART indicators identified, that will be used to track progress toward achieving the Aichi target(s).</i></p>	<p>No.</p> <ul style="list-style-type: none"> - Please, refer to the GEF6 strategy and the expected outcomes for the BD4 Program 9 on mainstreaming. In the table B, the proposed outcome 1.2 "improvement management of existing protected areas" fits with a different BD program. - The activities related to Climate Change Mitigation are too vague. Please refer to the GEF6 CC Strategy. The CC2 Program 4 aims to promote conservation and enhancement of carbon stocks in forest, and other land-use, and support climate smart agriculture. Depending on the baseline activities, you may focus the resources on mitigation actions targeting forest depletion drivers, to provide carbon benefits and other social and environmental benefits, or to focus on agricultural practices that respond to land degradation issues, enhance soil quality, and reduce agro-based GHG emissions. <p>March 4, 2015 Addressed.</p>	<p>July 22, 2016</p> <p>The alignment with focal areas is clear for LD and CCM, but please double-check and confirm the outcomes for BD. It is not clear how the inclusion of two PAs (total 206,000 ha) justifies mainstreaming. If the intent is to improve management effectiveness of the PAs, then please note that a METT will be necessary. Otherwise, in the absence of a certification system, there is no evidence of how the BD mainstreaming will be demonstrated on the total 260,000 ha. Alternatively, you may wish to just consider outcome 9.2 for BD("Outcome 9.2 Sector policies and regulatory frameworks incorporate biodiversity considerations" and make the demonstration that these new planning approaches will have an impact on a global important biodiversity). Please address.</p> <p>September 6, 2016 Addressed.</p>
	<p>5. Is the project consistent with the recipient country's national strategies and plans or reports and assessments under relevant conventions, including NPFE, NAPA, NCSA, NBSAP or NAP?</p>	<p>The main elements of the development and agriculture agenda are mentioned, as well as the UNCCD NAP, UNCBD NBSAP, and NAPA. Please, complete with the UNFCCC documents and strategies (NC and NAMA).</p> <p>March 4, 2015 Addressed.</p>	<p>Addressed.</p>

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Project Design	<p>6. Is (are) the baseline project(s), including problem(s) that the baseline project(s) seek/s to address, sufficiently described and based on sound data and assumptions?</p>	<p>No. Please, revise and shorten the information in the pages 5-9. Please include a more systemic analysis of the problems, barriers, and obstacles, and how the baseline project is addressing them. Identify the drivers the project is targetting, and explain the reasoning. It will be a way to focus on a smaller number of outcomes and outputs and propose a more focused project.</p> <p>A rapid appraisal of existing literature and projects in the area may help to develop better evidence based solutions for climate smart agriculture, sustainable forest management, and land restoration.</p> <p>March 4, 2015 Addressed.</p> <p>During project development, please look at Kalaba et al. (2013) in Forest Ecology and Management, Kalaba et al in (2013) in Population and Environment; Kalaba et al. (2010) in Environmental Science and Engineering.</p>	<p>July 22, 2016 Yes</p>
	<p>7. Are the components, outcomes and outputs in the project framework (Table B) clear, sound and appropriately detailed?</p>	<p>No.</p> <p>There is no project objective in the table B. This missing information may reflect a deeper issue of project reasoning. We have actually difficulties to capture the logical reasoning from the problem analysis to the result framework. There is a (too) long list of outcomes and outputs without a robust justification.</p> <p>Each outcome should be related to a series of outputs. It is not the case with</p>	<p>July 22, 2016 The framework is appropriate, but quantitative aspects are lacking to well define the baseline. Please consider including more scientific references and data, including for on indicators for measurements and monitoring (quantification of soil erosion, rates of deforestation, animal/human conflict, biodiversity loss). Please address.</p> <p>September 6, 2016 Addressed.</p>

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		<p>11 outcomes and 16 outputs. Please, revise the reasoning and provide a more focused result framework where each outcome is clearly related to one or several outputs. Each component should include a limited number of outcome.</p> <p>Revise the formulation of outcomes and outputs. See the GEF guidelines. The outcomes should reflect the effects, the consequences of outputs.</p> <p>Most of the outputs are not correctly formulated or quantified. The outputs should reflect the products, capital goods and services which result from an intervention. They should reflect tangible and quantifiable results (including the number of hectares, or the number of plans, or documents, or training sessions, etc).</p> <ul style="list-style-type: none"> - The Outcome 1.2 (improved management of existing protected areas) seems out of the context. - 1.4: Please justify how the GEF can be involved in plantations of exotic species. Describe the safeguards deployed to avoid any invasive risk. - Component 2: output 2.1: We did not find the rationale or a minimum of information for this output (feasibility, costs, sustainability, partners, etc). - Component 3: if this component includes progress reports, mid-term and 	

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		<p>final evaluation, monitoring activities, etc. Can you explain what the project management costs will include? Please, confirm there is no cofinancing for project management costs. Please, explain the role of the cofinancing (\$2.785 million) and the use of the GEF resources (\$1.26 million) for this outreach and monitoring component. It seems high.</p> <p>March 4, 2015 Thanks for the pruning and reformulation. Please, clarify the nature of activities behind the outputs 2.2.3., 3.1.1.</p> <p>March 11, 2015 Cleared.</p>	
	<p>8. (a) Are global environmental/adaptation benefits identified? (b) Is the description of the incremental/additional reasoning sound and appropriate?</p>	<p>No. It is one point to claim the principle of multiple environmental benefits, but a minimum of information is needed to describe and quantify them. Please, note that a map with the coverage of main natural and productive landscapes will be useful.</p> <p>- The number of ha of productive landscape under SLM is an acceptable proxy under the LD strategy. However, the number of ha of forests under protection or sustainable management is needed, as well as an estimation of carbon benefits. A rough estimation is acceptable at PIF level. You will have to provide more accurate values at CEO endorsement.</p> <p>- From a CCM perspective, you have to</p>	<p>July 22, 2016 The GEBs are identified, but not consistently presented. Please review the quantitative estimates between Table E and Table 2 (para 56) of the CEO endorsement and those presented in the TTs.</p> <p>September 6, 2016 Addressed.</p>

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		<p>estimate the carbon stocks that will be protected and/or enhanced in forests, as well the reduced agro-based GHG emissions.</p> <p>- Additional benefits are welcome (Tanganyika Lake water quality, fish populations), but they cannot be the main targets of this SFM project.</p> <p>March 4, 2015 Addressed.</p>	
	<p>9. Is there a clear description of: a) the socio-economic benefits, including gender dimensions, to be delivered by the project, and b) how will the delivery of such benefits support the achievement of incremental/ additional benefits?</p>		<p>July 22, 2016 Yes. Gender issues will notably be addressed through a partnership with UN Women.</p>
	<p>10. Is the role of public participation, including CSOs, and indigenous peoples where relevant, identified and explicit means for their engagement explained?</p>	<p>In the PPG, please include a stakeholder analysis.</p>	<p>As requested at PIF level, a stakeholder analysis has been included during PPG (cf. annex C).</p> <p>- However, it seems that this project is mainly involving ministries. Please, explain the rationale, and justify.</p> <p>- It is not clear how the role of the Ministry of Health and the Ministry of Local Government will add value to the project implementation team. Please, justify.</p> <p>- We note the reference to a "dearth of NGOs" in the target area, and welcome the effort to address this for a better local ownership. You should consider to associate national and local NGO who have shown successes and years of experience in other parts of the country</p>

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			<p>(for instance: Wildlife and Environmental Conservation Society of Zambia, Foundation for Wildlife and Habitat Conservation Zambia). Please clarify and address this in light of need to diversify stakeholders engaged in implementation of the project.</p> <p>September 6, 2016 Addressed.</p>
	<p>11. Does the project take into account potential major risks, including the consequences of climate change, and describes sufficient risk mitigation measures? (e.g., measures to enhance climate resilience)</p>	<p>Not enough. Risk analysis is a key step of project management cycle. A minimum of identified risks is expected at PIF level and a comprehensive risk assessment is expected at CEO endorsement. Please, revise. We suggest to include a table to identify the risks, rate them, and propose measures.</p> <p>March 4, 2015 Addressed.</p>	<p>Some risks are included. - However, we would like to better see how the common difficulties of project management will be mitigated. For instance, the project site is far from Lusaka. We wonder how it will influence the disbursement and the action as all financing decision will be taken from Lusaka. - We also wonder if the lack of diversity of stakeholders in the implementation phase cannot add difficulties on the ground. Please, revise. - You mention afforestation in one option of SFM, without much details. Please confirm the safeguards against potential risks of exotic species (invasive species, negative impact on the environment, etc.).</p> <p>September 6, 2016 Addressed.</p>
	<p>12. Is the project consistent and properly coordinated with other related initiatives in the country or in the region?</p>	<p>A list of initiatives and projects is included. However, the complementarities of these initiatives and projects, as well as the way to coordinate are not addressed. Please, be more specific, notably with the on-going</p>	<p>July 22, 2016 Coordination with other initiatives is described. Link with IAP on Food Security is welcome, but it is not clear how this will be pursued since Zambia is not an IAP country. Please clarify how</p>

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		<p>GEF IW projects.</p> <p>There is a long experience of Farmer Field School approach in Eastern and Southern Africa. Please explain how this project will collaborate with existing FFS initiatives.</p> <p>March 4, 2015 Addressed. During PPG, please develop coordination mechanisms.</p>	<p>exactly the links will be achieved, especially in relation to the monitoring aspects, including scientific aspects of resilience. In this regard, please clarify how the resilience is defined and understood in this project and how this aspect will be measured.</p> <p>September 6, 2016 Addressed.</p>
	<p>13. Comment on the project's innovative aspects, sustainability, and potential for scaling up.</p> <ul style="list-style-type: none"> • Assess whether the project is innovative and if so, how, and if not, why not. • Assess the project's strategy for sustainability, and the likelihood of achieving this based on GEF and Agency experience. • Assess the potential for scaling up the project's intervention. 	<p>The project has to be completely revised to respond to these criteria.</p> <p>March 4, 2015 Addressed.</p>	<p>Addressed.</p>
	<p>14. Is the project structure/design sufficiently close to what was presented at PIF, with clear justifications for changes?</p>		<p>Yes.</p>
	<p>15. Has the cost-effectiveness of the project been sufficiently demonstrated, including the cost-effectiveness of the project design as compared to alternative approaches to achieve similar benefits?</p>		<p>OK</p>

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Project Financing	16. Is the GEF funding and co-financing as indicated in Table B appropriate and adequate to achieve the expected outcomes and outputs?	<p>No.</p> <p>It should be part of the project reasoning: explain the role of cofinancing in each component and use this information to justify the added value of the GEF for the proposed outcomes and outputs. A better formulation of outcomes and outputs will help to better understand the cost for value.</p> <p>February 27, 2015</p> <ul style="list-style-type: none"> - Please check the coherence of numbers in the different tables (A, B, C, and D): based on the table D, the project grant is \$8,013,698. If you confirm this value, please correct the following elements: <ul style="list-style-type: none"> - the fee calculation in the "Part I-Project information" (9.5% of the project grant); - the total and the breakdown of resources per focal area in the table A; - the total project costs in the table B (and then, the breakdown); - Please check the table A, the total should reflect the breakdown of resources used in the project (table B). The fees should not be included. <p>March 4, 2015 Addressed.</p>	<p>July 22, 2016 Yes.</p>
	17. <u>At PIF</u> : Is the indicated amount and composition of co-financing as indicated in Table C adequate? Is the amount that the Agency bringing to the project in line with its role? <u>At CEO endorsement</u> : Has co-	<p>\$26.3 million is provided in cofinancing with a loan, meaning a cofinancing ratio of 1:3.6. It is relatively low in regards to the challenges. Could it be possible to include cofinancing from the government, the beneficiaries, and other partners?</p>	<p>July 22, 2016</p> <ul style="list-style-type: none"> - The proof of cofinancing mentions a lower amount than the \$26,436,000. Please, revise. - Please, provide the proof of cofinancing for the government of Zambia's counterpart.

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	financing been confirmed?	<p>March 4, 2015 Co-financing has been better explained. During PPG, please identify sources of parallel financing that will help to achieve the project objectives.</p>	<p>September 6, 2016 - Still not addressed: A proof of cofinancing was provided with the submission of July 7, 2016 for a total of \$22.49 million, lower than the \$26,436,000 which are announced in the request for CEO endorsement. You can either provide an updated proof of cofinancing with new amounts (are the minutes of negotiation available?), or change the cofinancing values.</p> <p>September 21, 2016 The cofinancing was reduced down to \$22.49 million. Addressed.</p>
	18. Is the funding level for project management cost appropriate?	<p>under 5%, but please refer to the item 7.</p> <p>March 4, 2015 Addressed.</p>	Addressed.
	19. <u>At PIF</u> , is PPG requested? If the requested amount deviates from the norm, has the Agency provided adequate justification that the level requested is in line with project design needs? <u>At CEO endorsement/ approval</u> , if PPG is completed, did Agency report on the activities using the PPG fund?	<p>Please, revise:</p> <ul style="list-style-type: none"> - a PPG of \$200,000 is in the norm of a GEF project financing under \$10 million. - The amount of \$350,000 is mentioned in the first line; - The PPG Agency fee cannot be \$707,535 (see first lines); - We may wonder why \$50,000 from LD and CC and \$100,000 from SFM (while no resources from BD are used). \$50,000 from each focal area and the SFM program may be more relevant. - The Agency fee calculation is wrong for the three lines, as well as the sub-totals and final total. <p>March 4, 2015</p>	<p>Addressed.</p> <p>September 6, 2016 Sorry for this omission: please complete the annex C, p50. Thanks.</p> <p>September 21, 2016 Not addressed.</p>

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		Addressed.	
	20. If there is a non-grant instrument in the project, is there a reasonable calendar of reflows included?	NA	
Project Monitoring and Evaluation	21. Have the appropriate Tracking Tools been included with information for all relevant indicators, as applicable?		<p>July 22, 2016 Yes, all TTs have been completed. Please note that changes may need to be made based on how the comment in #4 above is addressed. Check also the following points to ensure consistency with the project document, including Table E and Table 2 (in para 56) of the CEO Endorsement:</p> <ul style="list-style-type: none"> - CCM TT: the prodoc and TT figures are different (millions and thousands). In addition, it is not clear where the 60ha in the TT is coming from because it is not mentioned anywhere in the prodoc - LD TT: It is not clear where these numbers are from as they don't appear in the prodoc: 38118 and 41404 (hectares); 78915 and 78915 (males and females) - SFM TT: It is not clear where these numbers are from as they don't appear in the prodoc: 301400; 272000 and 20000. In addition the figures 2600 and 8800 have already mentioned in CCM TT. Choose as appropriate which of the FA contributes to emission reduction of these figures so as not to create double counting in reporting under each FA. - BD: It is not clear where these

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	22. Does the proposal include a budgeted M&E Plan that monitors and measures results with indicators and targets?		<p>numbers are from as they don't appear in the produc: 120,000 and 206,000</p> <p>July 22, 2016 Yes</p>
Agency Responses	23. Has the Agency adequately responded to comments from:		
	<ul style="list-style-type: none"> • STAP? 		Addressed.
	<ul style="list-style-type: none"> • Convention Secretariat? 		NA
	<ul style="list-style-type: none"> • The Council? 		<p>AfDB responded to the comments at PIF level, but you have to provide a table of response at CEO endorsement and explain how you finally addressed the comments.</p> <p>September 6, 2016 Not addressed. Please provide an annexe with the responses to the comments from the German and the US Council members: Comments from Germany: 1) It is recommended to clearly identify how the project will support GRZ in the implementation of relevant national policies (i.e. Forestry policy 2015) and Acts (i.e. Water Resources Management Act 2011). The WRM Act prescribes the establishment of Catchment Management Organizations, Catchment Management Plans and Water Users Associations. For integrated watershed management, which is to be supported through this project, integration of plans of different sectors and harmonization and coordination of organizations will be essential. A close cooperation with organizations responsible for water</p>

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			<p>resources management is suggested.</p> <p>2) Furthermore, the water resources development programme (World Bank loan) and the water sector reform programme (funded by German Cooperation), which are both implemented by the Ministry of Mines, Energy and Water Development, are supporting the implementation of the reforms in water resources management. Cooperation with these programmes is suggested.</p> <p>Comments from the USA:</p> <p>3) The United States welcomes this project concept. That said, the PIF lacks specifics regarding outputs, impact, selection of participants, stakeholder engagement, and possible externalities resulting from interventions such as expanded agriculture, irrigation and livestock schemes. We were, however, pleased with the detailed comments we received from the AfDB in response to our technical concerns and comments and look forward to further details in the PPG phase.</p> <p>September 21, 2016 Addressed.</p>
	<ul style="list-style-type: none"> • Other GEF Agencies? 		NA
Secretariat Recommendation			
Recommendation at PIF Stage	24. Is PIF clearance/approval being recommended?	<p>No, the PIF cannot be recommended for clearance. Please address the comments above.</p> <p>March 4, 2015 The PIF cannot be recommended yet.</p>	

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		<p>However, thanks for the revised package, the project has considerably improved. Minor issues are still pending (see 7). Other issues will be considered at CEO endorsement (6, 17). Please also provide a revised letter of endorsement (cell 3).</p> <p>March 11, 2015 All points have been addressed. The PIF is technically cleared.</p>	
	25. Items to consider at CEO endorsement/approval.	<p>At CEO endorsement, please include the following elements:</p> <ul style="list-style-type: none"> - Include science based evidences to justify the nature of interventions (see the references provided in the cell 7, especially from Kabala). - Include a stakeholder analysis before defining the project implementation arrangements. - Develop the coordination mechanisms with other initiatives and projects. - Include a comprehensive risk analysis. - Confirm the cofinancing. Identify other sources of parallel financing. - Develop a Monitoring and Assessment Plan to measure the Global Environment Benefits. - Confirm the carbon value. - Confirm the area under SLM and SFM. - Provide mapped information. 	
<p>Recommendation at CEO Endorsement/ Approval</p>	26. Is CEO endorsement/approval being recommended?		<p>July 22, 2016 Not yet. Please, address the comments above.</p> <p>September 6, 2016 Thanks for the revised package. Some points have not been addressed: please check the items 17, 19, and 23.</p>

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			<p>September 21, 2016 The item 19 has not been addressed (Please, complete the annex C). Moreover, there is a number of discrepancies in the financing information (fees, table A, B, and D). Upon reception of a revised document, the project will be recommended for CEO endorsement.</p> <p>September 27, 2016 All points have been addressed. The project is proposed for CEO endorsement.</p>
	First review*	January 30, 2015	July 21, 2016
Review Date (s)	Additional review (as necessary)	March 04, 2015	September 06, 2016
	Additional review (as necessary)	March 11, 2015	September 21, 2016

* **This is the first time the Program Manager provides full comments for the project. Subsequent follow-up reviews should be recorded. For specific comments for each section, please insert a date after comments. Greyed areas in each section do not need comments.**