## Climate Investment Funds

APPROVAL BY MAIL: DPSP II KENYA: CONCESSIONAL FINANCE PROGRAM FOR GEOTHERMAL GENERATION (CTF) (AFDB)-PCTFKE604B

Response from AfDB to Comments Received from the UK and Germany

	DPSP II: Ken	ya Concessional Finance Program for Geothermal Generation	
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#	Comment / Issue	Made by	Answer
1	Of the USD 29 million of CTF funding, USD 15 million		The program aims at supporting at least two of the three selected
	will go to be for long term concessional debt.	UK	projects under the Request for Proposal issued by the Government of
	What will the USD 14.65 million be used for (is this for	UK	Kenya (GoK). An indicative allocation of USD 15 million (minus
	a second geothermal project- it's unclear to us)?		preparation, monitoring and supervision) for each project is envisaged.
2	How many projects will the facility cover?		The program aims at supporting at least two projects. Paragraph 2.3
	Paragraph 2.2 mentions "two geothermal		makes reference to the Request for Proposal itself that selected a total of
	generation projects". In paragraph 2.3 it says "The		three private companies to deploy a total installed capacity of 105 MW.
	three projects are expected to have a combined		
	installed capacity of 105MW". In paragraph 2.4	UK	The revised version of the document makes this clearer.
	it says "Following a preliminary assessment of the	ÜK	
	two projects" Paragraph 2.9 mentions 2		
	transactions over an investment period of one		
	year. Paragraph 5.12 mentions "AfDB will aim at		
	supporting one to two projects with this program".		
3	On GHG emissions, page 2 of the Cover Sheet		This was a mistake that was not updated between iterations of the
	mentions 11,528,160 tCO2 as the GHG emissions		proposal. In the previous version, the correct amount was 8,646,120 tCO2
	savings over the lifetime of the project in section		over the lifetime (20 years) of two projects with a capacity of 35MW
	12. Under the Core Indicators it mentions 8,646,120	UK	each.
	tCO2 over the lifetime of the project. Can the	UN	
	project team please clarify?		Following the revision of the grid emission factor from 0.75 to 0.594 (Please
			see answer to issue 4), the numbers have changed. The Annual Emission
			Reduction is now 342,386 tCO2 and the Project Life Emission Reduction

			(tCO2 / 20 years) is now 6,487,727. The program document was revised
			accordingly.
4	On the emissions reductions calculations (in Annex		This figure has been revised following discussions with AfDB's local energy
	2), could you explain the 0.8tCO2/ MWh Grid		expert. The grid emission factor is now 0.594 8tCO2/ MWh as stated in a
	Emissions Factor – what is the marginal supply		document by KenGen titled "KenGen Geothermal Energy Carbon Credit
	source assumed? In the calculations it looks like a		Projects: Status, Benefits, Challenges, Lessons Learnt and Post-2012 Plans"
	Grid Emission Factor of 0.75 was actually used	UK	which can be found <u>here</u> .
	instead of 0.8: (432306 tCO2) / (576408 MWh/year)		
	= 0.75		In the previous version the value used was 0.75 despite appearing 0.8 as
			Microsoft Excel has rounded up the number automatically.
5	Paragraph 2.4 mentions factors that would need to		This is determined through the project evaluation process in addition to
	be improved for projects to reach financial close. It		discussions between AfDB and Project Sponsors. There are no formal
	mentions "insufficient cash-flows to ensure an		guidelines; however, this can be ascertained through market knowledge
	appropriate risk-return profile to investors". Does		and observations based upon technology employed, local market risks,
	the AfDB have any guidelines as to what it regards		and returns available from alternative investments opportunities.
	as an acceptable risk-return profile or is this	1.112	
	determined solely through the competitive	UK	At the time the companies were selected, it was unclear to them what
	process?		the actual costs associated with raising the required debt for the projects
			would be. From preliminary discussions with the two sponsors, commercial
			viability might be at risk if CTF resources are not used to buy down the
			projects' total costs as estimated revenues resulting from the sale of
			electricity may be insufficient to cover the levelized costs.
6	What are the reasons for the Government of Kenya		This was a strategic decision made by the GoK and announced with the
	not providing a Sovereign Guarantee? Short of	UK	launch of the Request for Proposals. Historically, KPLC has never
	a Sovereign Guarantee, what comfort can the	UN	defaulted on any payment to electricity suppliers which adds to its
	GoK provide to investors?		credibility for future projects. Nevertheless, this is a hurdle to raising the

			needed debt financing for the projects.
7	Regarding the apportionment of risk and the difference in what is expected from the CTF funds vs. the AfDB funds, it would be useful to have an idea of the expected pricing gap between the CTF funding and the AfDB funding, and more generally some further details on the additionality of the CTF investment (e.g. how was minimum concessionality determined in practice? Who will make the final decision on pricing? How has the appropriate level of CTF funding (USD 15 million) been determined? If this is too high it will crowd out private investment.)	UK	At the moment, AfDB and other lenders are discussing with the GoK ways to address this risk which may include: (i) a GoK letter of comfort, and possibly (ii) political risk insurance to be sourced from MIGA.  AfDB's pricing will be established in accordance with the AfDB's rules for private sector operations. This will be a combination of: (i) the Kenyan sovereign risk as determined by AfDB's credit committee, (ii) interest margin (difference between AfDB's borrowing costs and interest rate provided), and (iii) the internal credit rating of each specific project as determined by AfDB's credit committee. The final pricing will be determined later in AfDB's internal review and due diligence process for each transaction.  It is still too early to establish the minimum concessionality of CTF resources. It will depend on the outcomes of further negotiations with each sponsor and other lenders and only once all the costs for each project are final. In the end, AfDB will propose CTF terms that will respect the principle of minimum concessionality and avoid market distortions. This will be a key aspect of the projects' due diligence and appraisal phases.
			The proposed amount for each transaction is indicative and results from a preliminary assessment. Final amounts and terms will be established during appraisal and may vary per transaction.
			A key objective is to avoid crowding-out of other potential financiers.

8	Separately from the interest rate differential it		In general terms, the CTF loan will have the same seniority as AfDB's loan.
	seems as though other concessions will be required		An extension in the grace period and potential interest capitalization
	from the CTF funding, namely a grace period and		during the grace period will only be considered if really required and key
	potential interest capitalization during the grace		to the projects' commercial viability.
	period.		
	- I wasn't clear whether the grace period would		Grace periods are usually implemented during the construction phase of
	be for interest payments, principal repayments	UK	infrastructure projects – a period during which the project does not
	or both?		generate revenues and in which loan repayments are not required.
	- Is the AfDB prepared to also offer a grace		
	period and consider a capitalization of their		AfDB offers a grace period during the construction phase of
	interest during the grace period?		private-sector led projects but it is not allowed to capitalize interest
			payments, hence interest payments are required during the grace
			period.
9	Regarding the credit worthiness of GDC and KPLC,		The GoK has a controlling stake at 50.1% of KPLC's shareholding with
	it would be useful to have more information on the		private investors at 49.9%. The company is listed on the Nairobi Securities
	financial profile of these companies, including their		Exchange Market. The Geothermal Development Company is a 100%
	ownership structure (who are the shareholders, are		state-owned company, formed by the Government of Kenya as a
	they publically or privately owned) the size of their		Special Purpose Vehicle.
	balance sheet and their degree of leverage (i.e.		
	how much corporate debt they already have).	UK	KPLC discloses publicly its audited financial statements (see <a href="here">here</a> for
		UK	2015). As of FYE June 30, 2015, KPLC reported total assets of USD 2.7 billion
			and total debt of USD 2.1 billion. As of FYE 2015, the company reported
			leverage of 3.5x (debt/equity).
			Since GDC is not a publicly traded entity, information on the company's
			financials is very limited. During appraisal, AfDB will seek to obtain further
			financial information on GDC.

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	Regarding GHG emissions savings, how are these		The GHG emission savings were calculated having in mind the values
	calculated? What is the counterfactual – is it		utilized in the SREP Kenya Investment Plan. Since the plan is
	based on the existing mix of technologies in the	UK	nationally-owned, AfDB is of the view that it should use the values
	Kenyan power market?	O.K	contained in the document as a good proxy for this program. The figure
			may change following analyses from the lenders' technical advisors, and
			in that case, each project document will clearly mention it.
10	Can useful lessons be learned from existing		The existing IPP in Olkaria geothermal field is not a good comparator for
	projects? Paragraph 1.7 mentions that "the Olkaria		these projects for a number of reasons. These are: (i) project was fully
	field is already under operations". How was this		funded by the project owner with recourse to equity, (ii) the steam is
	project funded? Who supplies the steam to this		managed and supplied by the company itself.
	project and how is the production of electricity		
	remunerated? Is the project proving viable		
	financially at that level of remuneration?	UK	The project entered into a Power Purchase Agreement with KPLC which is
			responsible for remunerating the electricity. So far, the project has proven
			to be financially viable with the level of remuneration (not public
			· · ·
			available information) agreed between parties.
			PLEASE SEE ANSWER #32 THAT SUPERSEDES THIS ONE.
11	Which criteria has AfDB used to assess the		The need for concessionality was established pursuant to discussions
	requirement of concessional funding?		between AfDB's investment officers and AfDB's CIF Secretariat as a follow
	Todalicinion of concessional fortaing?		up on discussions and preliminary assessments on two of three selected
		Germany	
		-	projects under the RFP. The need for concessional resources is based on
			the availability of funding for the projects with sufficient tenor and
			required pricing sustained by projected cash flows of the projects.
12	Are the projects currently bankable? In our view,	Germany	Due diligence on the projects is ongoing; however, the projects identified
	an enhancement of the project's bankability is not	Johnson	by the AfDB have experienced, quality Sponsors and commercially viable

	acceptable as criterion for concessional financing.		project structures. In many cases, concessional financing can enhance
			the commercial viability of projects as barriers and risks are addressed.
			This is common to the entire private sector portfolio of the CTF.
13	Please clarify how many projects are going to be		Please see answer to Issue #1.
	financed. As this is unclear, we assume that the	C	
	above mentioned assessment does not	Germany	
	correspond to a due diligence.		
14	Please indicate the internal rate of return (IRR) and		The bankability of a project is not only limited to an assessment of the IRR
	return over equity (ROE) for each project to be		and ROE. Debt Service Coverage Ratios (DCSRs) are widely used to
	financed under two scenarios: without and with		determine the capacity of a project to support needed debt financing.
	CTF-Funds (with the proposed concessionality).		
	What are minimum figures for these indicators to		Due diligence on the projects is ongoing; however, minimum equity IRR in
	have a bankable project?	Germany	the 15%-16% range would be considered a reasonable target. It is still too
			early to undertake the requested assessment but this analysis will be
			central to the appraisal stage as we move forward to finalize CTF
			financing terms. Again, AfDB's commitment to treat CTF funds with the
			same degree of care of its own funds means that the Bank will work to
			limit shareholders' return to commensurate levels with perceived risk.
15	Please clarify how the electrification rate will be		The projects under consideration will add 70 MW of reliable base load
	improved with this program, compared to		power to the grid, exploiting the under-utilized geothermal resource in
	investments in grid-connected projects.	Cormany	Kenya. This additional capacity will feed power into the grid and provide
		Germany	sufficient electricity to power around 125,000 households helping to
			improve the country's electrification rate which is currently approximately
			23%.
16	How is cost-effectiveness and fair competition	Corne	Cost effectiveness and fair competition was ensured by the Request for
	granted among the private sector stakeholders,	Germany	Proposal issued by the Government of Kenya and the competitive

	given that the approach seems to have been		selection process that followed. This selection process will be reviewed in
	developed by manufacturers? Under this project		detail by our procurement department but competitive tender processes
	developers' situation, how is it expected to ensure		are seen as best practice to ensure value-for-money.
	value-for-money?		
17	How is the AfDB PRG going to be implemented in		The Partial Risk Guarantee (AfDB PRG) was requested by the GoK to help
	structuring these projects?		mitigate the liquidity risk of payment obligations under off-taker
			agreement (PPA) with KPLC and supply agreement with GDC, to the IPP
			projects.
			Under the PRG structure a letter of credit (LC) will be issued by a
		Germany	commercial bank for the benefit of the Project company. AfDB will
			guarantee payment of any funding under the LC by the commercial
			bank that is not replenished by GDC/KPLC. The AfDB will also enter into a
			counter-indemnity agreement with the GoK which would require the
			government to repay the AfDB in the case its guarantee is called. The
			amount of the PRG will be equivalent to three months of financial
			obligations under the Supply Agreement and the PPA.
18	Is the participation of any other guarantee	C	The need for political risk insurance coverage will be evaluated and
	mechanism foreseen, in addition to AfDB PRG??	Germany	required, if deemed appropriate.
19	How do you justify a pricing of 75 bps (standard		The pricing of 75 bps is presented as a floor pricing. The principle of
	pricing for public sector loans) for a private sector		minimum concessionality will still apply and the final interest rate will be
	project with no government guarantee?	Corno ous	established in a way to ensure that this principle is respected.
		Germany	
			75 bps is widely known in the CTF as the minimum interest rate that can be
			granted to a private sector project.
20	Please provide Levelized Cost of Electricity (LCoE)	Germany	The Levelized Cost of Electricity is not yet fully determined as all cost

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and payback period for the options proposed in		components are not final (e.g. quotes required for political insurance,
Figure II (page 5). What is the gap in terms of cost		debt interest rate from co-financiers, etc.)
of capital (base points) between both scenarios?		
What contribution from the capital expenditure is		The equity contribution from shareholders is expected to be no less than
expected to come from equity shareholders? At	Germany	25% of the project's total costs. The cost of capital varies among project
which cost?		Sponsors depending upon their sources of funding.
As a pricing floor is indicated, there should also be		A pricing cap on the CTF funding does not appear to be warranted. The
a pricing cap for the CTF-Funds.	Germany	reason is that if pricing reaches the same level requested by other lenders
		participating in the project, then concessionality would not be required.
How will it be possible for AfDB to minimize		If one expands the duration of the tenor, for example, this would mean
concessionality through longer term conditions,	C =	that scheduled principal repayment amounts would be reduced when
instead of pricing directly?	Germany	compared to the base case scenario. This can be seen as a form of
		concessionality as you extend principal repayments over a longer period.
Please review GHG emissions reductions		These have been reviewed and revised. See answer #3 above.
calculations and indicate a single figure in the	Germany	
document. There seem to be some inconsistencies.		
What kind of additional guarantees are included in		No additional guarantees will be included in the financial covenants to
financial covenants to reduce, mitigate or		cover termination risk as the Credit Agreement will be entered between
eliminate the contract termination risk? Why does	Germany	the IPPs and the lenders.
GoK not provide a Sovereign Guarantee?		
		On the issue of the Sovereign Guarantee please refer to answer #6.
Based on current GDC operation, its		Discussions are ongoing with the GoK, Project Sponsors, and among
creditworthiness will depend on their revenues and		lenders regarding an appropriate measure to mitigate risks related to
debt service. Please indicate how this factor is	Germany	GDC. The PRG referenced in question number 17 above addresses
going to be secured for 20 years of operation?		short-term payment risks; however, other mitigants will be explored and
	Figure II (page 5). What is the gap in terms of cost of capital (base points) between both scenarios?  What contribution from the capital expenditure is expected to come from equity shareholders? At which cost?  As a pricing floor is indicated, there should also be a pricing cap for the CTF-Funds.  How will it be possible for AfDB to minimize concessionality through longer term conditions, instead of pricing directly?  Please review GHG emissions reductions calculations and indicate a single figure in the document. There seem to be some inconsistencies.  What kind of additional guarantees are included in financial covenants to reduce, mitigate or eliminate the contract termination risk? Why does GoK not provide a Sovereign Guarantee?  Based on current GDC operation, its creditworthiness will depend on their revenues and debt service. Please indicate how this factor is	Figure II (page 5). What is the gap in terms of cost of capital (base points) between both scenarios?  What contribution from the capital expenditure is expected to come from equity shareholders? At which cost?  As a pricing floor is indicated, there should also be a pricing cap for the CTF-Funds.  How will it be possible for AfDB to minimize concessionality through longer term conditions, instead of pricing directly?  Please review GHG emissions reductions calculations and indicate a single figure in the document. There seem to be some inconsistencies.  What kind of additional guarantees are included in financial covenants to reduce, mitigate or eliminate the contract termination risk? Why does GoK not provide a Sovereign Guarantee?  Based on current GDC operation, its creditworthiness will depend on their revenues and debt service. Please indicate how this factor is Germany

	Supply Agreements (PISSA) have been signed and		GDC.
	under which regulatory framework have they been		
	structured?		
27	Has the route for the transmission line and the		The projects will transmit power only 500 meters to the on-site substation
	interconnection scheme been determined? Is it		for delivery to KPLC. KETRACO, 100% owned by GoK, will be responsible
	under construction or operation? What is the	Germany	for constructing and maintaining the transmission line and substation. The
	timeline for the interconnection of the projects in		transmission line and sub-station are still under construction but at an
	Menegai?		advanced stage. The completion date is estimated for Q2 2016.
28	Are all power evacuation infrastructures, such as		This is noted. Please see answer #27.
	transmission lines and substations, in place? These		
	are typically a bottleneck in terms of project	Carragain	
	implementation in Kenya. If they are not in place,	Germany	
	how is this going to be covered by the financial		
	contracts?		
29	Please list all permits, licenses and concessions that		These items are expected to include: (i) generation license from ERC, (ii)
	are expected to be available prior to the financial		official registration as Kenyan companies, (iii) permit for electricity
	close.		generation, (iv) official adherence to national E&S standards (in addition
			to those from AfDB), (v) other operational, legal and regulatory
			requirements that would be normally expected for the operation of a
		Germany	power plant in Kenya.
			As customary during project due diligence and prior to closing, the
			lenders along with their legal and technical advisors will ensure all
			required licenses and permits have been obtained and that all the
			relevant regulatory and other compliance matters are in proper order.
30	What is the status of the property where the project	Germany	The project is on Government's land under the custody of Kenya Forest

	will be installed?		Service. GDC has acquired a thirty (30) year Special-Use
	Will be installed:		License for the Menengai Geothermal Project site.
31	Regarding question 6, the response provided		Although a blanket sovereign guarantee of all project risks is impossible to
	doesn't answer our question. What is the reason		obtain in any project finance transaction, many of the legal/regulatory
	underlying the GoK's strategic decision not to		and political risks typically encountered in an infrastructure project are
	provide a Sovereign Guarantee? If the Letter of		within the host government's sphere of control and are best allocated to
	Comfort is unable to provide a guarantee, what		this stakeholder.
	purpose does it serve?		
			As stated in answer #6, the "strategic" decision of not providing a
			sovereign guarantee to cover the responsibilities and obligations of GDC
			and KPLC is most likely linked to the government's perception that the
			market will bear this risk.
		UK	Even though Sovereign Guarantees (contingent liability) are not reflected
			in the guarantor's balance sheet, rating agencies often take note of
			these liabilities when substantial. As such, and given the significant
			participation of private investors in Kenya's energy sector, the GoK may
			be unwilling to overexpose its public accounts to these instruments.
			Moody's currently gives Kenya a B1 credit rating.
			Widely 3 Continny gives Kerrya a bit cream family.
			The GoK is however willing to execute a "softer document" that indicates
			an initial willingness to respect contractual obligations of nationally
			owned enterprises without elements of a legally enforceable contract.
			The objective is to create a morally binding but not legally binding
			assurance.
32	In response to our question 10 "Can useful lessons	UK	Note: THIS ANSWER SUPERSEDES THE ONE PROVIDED IN ANSWER #10

be learned from existing projects?" The answer provided was that the Olkaria geothermal project was fully funded by the project owner with recourse to equity only. Given this, we'd be interested to know why the current projects require concessional finance (e.g. how it differs from the Olkaria project which didn't require it).

The fundamentals of the Olkaria III project - including risks and barriers - are quite distinct from the ones being faced by the Menengai projects and therefore we advise caution when using the Olkaria III project as a comparator.

Given current expectations on the revenue generation profile of the proposed projects, if CAPEX are not brought down with the utilization of concessional funding, AfDB will most likely not be able to finance any of the projects as DSCRs are not sufficiently strong which poses a great deal of credit risks for AfDB.

The Climate Policy Initiative (CPI) has published in 2015 a publication entitled "Using Public Finance to Attract Private Investment in Geothermal: Olkaria III Case Study, Kenya". It clearly shows the differences and challenges it faced over a period of 11 years to reach financial close, namely:

- The project had a total cost of around USD 445 million that was initially financed by equity in the late 1990s. The project only reached financial close in 2009 with the required debt finance after a renegotiation of the power purchase agreement and the inclusion of a sovereign guarantee to back stop the payments of KPLC as off-taker.
- 2. The project is the only geothermal project in operation in Kenya with private participation from field development through

construction, operation and maintenance. At that time, GDC did not exist.

- 3. A total of USD 150 million in equity financing was committed between 1998 and 2006. The sponsor had to extend its equity commitment for longer than originally expected in order to advance project development. The current project finance structure relies heavily on debt from Development Finance Institutions, which now accounts for 85% of overall investment costs. Germany's DEG (together with KFW) headed a financing consortium that refinanced the sponsor's equity in Phase I with a USD 105 million loan. The U.S.'s OPIC provided a senior loan of USD 310 million to finance Phase II and Phase III development and refinance part of the equity and debt provided earlier.
- 4. The OPIC loan had a tenor of 19 years, which is not available in most of the cases and is seen as a clear provision of concessionality. For example, AfDB's rules only allow tenors of up to 15 years for private sector operations.
- 5. The project was not the result of a competitive tender process but rather a direct engagement between the Project Sponsor and the GoK under a 20-years renegotiable PPA for which financial terms are not publicly available.

In summary, the project only reached financial close following the refinancing of the equity 11 years after the first equity drawdown to the

			project. A combination of concessional funding and credit enhancement was vital to ensure the viability of the project. In addition, it is worth mentioning that following this experience, the GoK decided to develop Olkaria IV with recourse to public resources only.
33	The proposal notes that the first project will be approved in June 2016. What environmental assessments, if any, have been conducted on this project? Will the ESIA for the project be completed 120 days before it is brought forward for approval?	USA	AfDB's Integrated Safeguards System (2013) rules will apply. The E&S requirements are dependent on the internal categorization as determined by AfDB's safeguards specialist. Since these projects will most likely be tabled as Category 1 projects, the sponsor will have to provide AfDB, in an acceptable format, the following studies: (i) an Environmental and Social Impact Assessment, (ii) an Environmental and Social Management Plan, (iii) and a Resettlement Action Plan (if required).  As per AfDB's internal rules, "category 1 private sector projects are disclosed at least 60 days before Board consideration" and not 120 days as it is the norm with public sector projects.
34	Are any of the potential projects classified as Category A or B?	USA	AfDB's E&S categories include: (i) category 1 for Bank operations likely to cause significant environmental and social impacts, (ii) category 2 for Bank operations likely to cause less adverse environmental and social impacts than Category 1, (iii) category 3 for Bank operations with negligible adverse environmental and social risks, and (iv) category 4 for Bank operations involving lending to financial intermediaries. As stated in answer #34 above, the projects included in the program are likely to be categorized 1.
35	The emissions reduction cost effectiveness ratio of \$3.43 per tCO2 for the proposal is higher than other geothermal projects recently developed with CIF	USA	The cost effectiveness ratio of USD 3.43 per tCO2 was revised upwards to USD 4.38 following delivery of the first set of answers to questions raised by the UK. This figure is based on the assumptions that each project will have

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	resources. How does this program compare to		(i) a total estimated cost of USD 78 million, (ii) a grid emission factor 0.594,
	other CIF geothermal programs in terms of costs		(iii) a power plant lifetime of 20 years, (iv) an availability factor or 94% and
	and what factors may have contributed to a		(v) up to USD 15 million in CTF concessional funding.
	higher cost effectiveness ratio?		
			The main reason for the higher cost effectiveness ratio relates to the
			estimated lifetime of the projects, which we assume to be 20 years
			(matching the duration of the PPA). This is a very conservative assumption
			as the life of these power plants can be considerably higher. For
			example, by using an estimate of 30 years as assumed by IaDB in the
			"DPSP I: Utility-Scale Geothermal – Colombia: Financing and Risk", the
			cost effectiveness ratio would equal USD 2.92 per tCO2.
36	Several allegations of corruption have emerged		Please see letter submitted by the Government of Kenya to its
	concerning GDC's operations relating to the loss of		Development Partners back in November 2015 (please treat it as
	billions of Kenyan shillings though irregular		confidential).
	tendering processes. There are several cases		
	pending in court relating to the same. Accordingly,		The allegations touch on some senior management staff of GDC and
	could the GDC clarify on the measures it has put in	TI	involve procurement of Rig Move Services that were undertaken in 2012.
	place to ensure that such losses are not incurred in	TI	These and other allegations are being handled by Kenya's judiciary
	the future? How have they streamlined the		system.
	tendering and procurement process to ensure		
	transparency and accountability?		The tendering process was done in accordance with international best
			practices. All documents issued can be consulted in detail on GDC's
			webpage.
37	There also have been accusations of staff		Please see letter submitted by the Government of Kenya to its
	mismanagement with some staff accusing the	TI	Development Partners back in November 2015 (please treat it as
	CEO of forcing them to give false information		confidential).

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	about the achievements of GDC in relation of		
	drilling of wells for geothermal power. How have		These and other allegations are being handled by Kenya's judiciary
	these been addressed? Are the achievements		system.
	claimed by the GDC credible and verifiable?		
			The potential beneficiaries of the CTF resources requested under this
			program shall be channeled to private entities and not GDC. Drilling
			achievements claimed by GDC will be assessed as part of the
			independent technical due diligence of the projects.
38	We are happy with the revised calculation of the		This has been corrected.
	GHG emissions savings as 6,847,727tCO2 / 20 years.		
	However there is a typo in Annex 2 – it is listed as	UK	
	6,487,727.		
39	We do not think that the Cost Effectiveness of total		This has been corrected. Please note that USD 157,000,000 / 6,847,727
	Funds is correct. In Annex 2 it says it is 43.81 USD per	UK	tCO2 = USD 22.9 per tCO2.
	tCO2. However, 157 / 6.847727 = 24.20 USD per		
	tCO2.		
40	We remain concerned about the lack of detail on		This is noted and final terms proposed for CTF and AfDB's own funding will
	the concessionality of the CTF funds. Therefore our		be provided following due diligence and approval by AfDB's Board of
	approval is conditional on the AfDB informing us of		Directors.
	the final terms proposed for the CTF funds vs. their	1117	
	own funds – i.e. final interest rate, duration of any	UK	
	grace period and any other relevant loan		
	parameter they may decide to add, such as		
	interest capitalization.		
41	Which criteria has AfDB used to assess the		Please see answer #11. Once due diligence is completed and financial
	requirement of concessional funding?	Germany	terms final, AfDB will submit a report to the CTF TFC concerning each
		l .	·

			project that shall include the final terms of the CTF financing and a
			justification for the final level of concessionality being requested.
42	Internal rate of return (IRR) and return over equity		It is still too early to provide these figures as all the input costs are not yet
	(ROE) for each project to be financed under two		final.
	scenarios: with and without CTF-Funds (with the		
	proposed concessionality). What are minimum	Germany	The reports mentioned in the previous answer will include the
	figures for these indicators to have a bankable		two-scenarios requested, the different DSCR for each project and
	project? We would also ask you to provide the		provide a justification for the need of concessionality.
	DSCR for the project.		
43	What contribution from the capital expenditure is		It is expected that for each project, the equity investment from the
	expected to come from equity shareholders? At	Germany	shareholders will equal 30% while the debt will account for 70%. This
	which cost?		information will also be part of the reports.
44	We also think that a floor pricing of 75 bps		The comment is well noted and will be considered in determining the final
	(standard pricing for public sector loans) is not		pricing of the CTF loans.
	appropriate for a private sector project with no		
	government guarantee. We would therefore		Nevertheless, the principle of Minimum Concessionality will be applied as
	strongly urge you to apply a higher base pricing in		per the CTF rules included in the document entitled "Clean Technology
	the range of 100-120 bps in order to properly		Fund Financing Products, Terms and Review Procedures for Private Sector
	reflect the higher risk of a private sector project.		Operations (September 30, 2015 (Revised Document))".