



CTB



Republic of Uganda
MINISTRY OF WATER & ENVIRONMENT
CLIMATE CHANGE DEPARTMENT

FINAL REPORT

CDM Capacity Development and Projects Support Project

24/11/2010- 23/11/2015



Some Participants of the training workshop for NEMA during a site visit to the Mukono CPA Composting Site.

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Acronyms

BTC	Belgian Development Agency
CCD	Climate Change Department
CDM	Clean Development Mechanism
CERs	Certified Emission Reductions
CME	Coordinating and Managing Entity
COP	Conference of Parties
CPAs	Component Project Activities
DNA	Designated National Authority
DOE	Designated Operational Entity
EB	Executive Board
ERA	Electricity Regulatory Authority
ERPA	Emission Reduction Purchase Agreement
ETR	End- Term Review
FIT	Financial Information Tool
FPS	Belgian Federal Public Service
GEF	Grid Emission Factor
GIZ	The Deutsche Gesellschaft für Internationale Zusammenarbeit
ICT	Information and Communications Technology
INDC	Intended Nationally Determined Contributions
ITA	International Technical Advisor
JLCB	Joint Local Consultative Body
KfW	Kreditanstalt für Wiederaufbau
LNO	Letter of No Objection
MAAIF	Ministry of Agriculture, Animal Industry and Fisheries
LoA	Letter of Approval
M&E	Monitoring and Evaluation
MEMD	Ministry of Energy and Mineral Development
MFPED	Ministry of Finance, Planning and Economic Development
MoICT	Ministry of Information and Communications Technology
MTR	Mid-Term Review
MWE	Ministry of Water and Environment
NAMAs	Nationally Appropriate Mitigation Actions
NDP	National Development Plan
NEFCO	Nordic Environment Finance Corporation
NEMA	National Environment Management Authority
NorCaP	Norwegian Carbon Procurement Facility
NPA	National Planning Authority
NTA	National Technical Advisor
NWSC	National Water and Sewerage Corporation
PDD	Project Design Document
PINs	Project Idea Notes
PoAs	Programme of Activities
SBL	Standardized Baseline
TAs	Technical Advisors
TFF	Technical and Financial File
UETCL	Uganda Electricity Transmission Company Limited
UIA	Uganda Investment Authority
UNFCCC	United Nations Framework Convention on Climate Change

Intervention form

Intervention title	CDM Capacity Building and Projects Support Project
Intervention Code	UGA 09 021 11
Location	Republic of Uganda
Total budget	€ 2, 221,127
Partner Institution	Climate Change Department (CCD), Ministry of Water and Environment (MWE)
Start date of Specific Agreement	24 th November 2010
Date of intervention start/Opening steering committee	1 st October 2011
Planned end date of execution period	23 rd November 2015
End date of Specific Agreement	23 rd November 2015
Target groups	Government and private institutions/individuals in the Sectors of Environment, Climate, Industry, specifically the Climate Change Department (CCD), Uganda Investment Authority, Project developers (public/private), consultants and Academia.
Impact	Uganda benefiting from the Clean Development Mechanism of the Kyoto Protocol.
Outcome	Strengthened technical capacity in CDM project formulation and awareness of investment opportunities under the CDM created among government institutions, project developers, including financing institutions.
Outputs	<i>Output 1:</i> The capacity of the main CDM stakeholders in Uganda, to formulate CDM projects and knowledge of project cycle and project financing, strengthened.
	<i>Output 2:</i> Improved accessibility and quality of Information and procedures for CDM project development in Uganda.
	<i>Output 3:</i> A supported process for the development of Ugandan CDM projects and their registration with the CDM Executive Board.
Years covered by the report	2010 - 2015

Global appreciation

Describe your global appreciation of the intervention (max 200 words):	Describe your global appreciation of the intervention (max 200 words):
	<p>The CDM Capacity Development and Projects Support Project was formulated to assist Uganda to benefit from the Clean Development Mechanism (CDM) of the Kyoto Protocol. This was to be achieved through capacity building of key stakeholders and targeted Ugandans in CDM Project formulation and development.</p>
	<p>Through the capacity building programme, the intervention has also supported a number of beneficiary projects, that have contributed the target Outcome and the target Impact of the Intervention.</p> <p>Under the intervention, Uganda has benefitted by having 8 Ugandans trained through the CDM School, 12 beneficiary projects supported both technically and financially in CDM project development with the following results: 4 Component Project Activities (CPAs) included in registered Programmes of Activities (PoAs), 1 PoA registered, 1 registered CDM project (NWSC) soon; support provided to three verification exercises (2 for CDM (hydromax Buseruka HPP project and NEMA Composting PoA) and another for the Gold Standard (Up Energy); 1 other CDM project (Nutrimix) is undergoing validation and another PoA supported for a post-registration change (ICSEA). The Project has also supported the development of three (3) SBLs, one of which (the Grid Emission Factor) was approved and 2 for wastewater methane recovery are under development. The SBLs will help to further cut down on the transaction costs of CDM related to establishing a baseline on a project by project basis. The intervention has also supported targeted CDM capacity building among the key stakeholders including NEMA, UIA, MAAIF and CCD, as a strategy to ensure long-term sustainability of the skills obtained within the relevant stakeholder institutions.</p> <p>The intervention has achieved satisfactory results.</p>
Score your global appreciation of the intervention ¹ :	Score your global appreciation of the intervention ² :
	Satisfactory
National execution official ³	BTC execution official ⁴
 Chebet Maikut	 Martha Ntabadde Kasozi

¹ Very satisfactory - Satisfactory - Non satisfactory, in spite of some positive elements - Non satisfactory

² Very satisfactory - Satisfactory - Non satisfactory, in spite of some positive elements - Non satisfactory

³ Name and Signature

⁴ Name and Signature

PART 1: Results achieved and lessons learned

1 Assessing the intervention strategy

1.1 Context

General context - The National Climate Change Policy provides a framework for harmonized and coordinated approach towards a climate resilient and sustainable low carbon development plan for Uganda. It also provides an institutional framework to support national CDM capacity development, including the CDM Capacity Development and Projects support Project.

At the international level, the 2015 United Nations Climate Change Conference, -COP 21, was held in Paris, France, from 30 November to 12 December 2015. The conference negotiated the Paris Agreement, a global agreement on the reduction of climate change, the text of which represented a consensus of the representatives of the 196 parties attending it. The agreement will become legally binding if joined by at least 55 countries which together represent at least 55% of the global greenhouse gas emissions. The parties will need to sign the agreement between 22 April 2016 and 21 April 2017, and also adopt it with their legal systems through ratification, acceptance and approval, or accession.

The agreement sets a goal to limit global warming to less than 2 degrees Celsius (°C) compared to the pre-industrial levels. The agreement calls for zero net anthropogenic greenhouse gas emissions to be reached during the second half of the 21st Century. In the adopted version of the agreement, the Parties will “pursue efforts” to limit the temperature increase to 1.5 C

The new agreement with the high levels of ambition presents fresh hope for the fight against climate change. The previous low global motivation levels for climate action with an oversupply of CERs (with low demand) led to plummeting CER prices, which in turn lowered the enthusiasm for project proponents to develop CDM projects.

With an agreement reached in at COP 21, there is hope for the longer term sustainability of the carbon markets although the form it will take is not yet clear, there is hope for long-term sustainability of the carbon markets and carbon finance initiatives.

Institutional context - In August 2014, the former Climate Change Unit (CCU), under which the intervention was anchored, became a fully-fledged department under the Ministry of Water and Environment, i.e. the Climate Change Department (CCD). The anchorage of the Project within the Climate Change Department (CCD) was appropriate since the mandate of the CCD was still very much the same as the former CCU, but only more comprehensive. The CCD serves as the UNFCCC Focal Point for Uganda as well as the Secretariat for the Designated National Authority (DNA) of Uganda. As well as coordinating all climate change adaptation and mitigation activities, including the Clean Development Mechanism where the intervention activities fall.

The CCD as a focal point for the UNFCCC has a mandate of reporting on climate change initiatives both nationally and internationally and as such, this provided an opportunity for reporting on the intervention's progress of implementation and its results. During the 2014 African Carbon Forum held in Windhoek Namibia, the CCD together with the project team organized a side event at which they shared experiences and the key lessons learnt from the implementation of the CDM Capacity Building and Projects Support Project.

The Project having been hosted within the CCD office block has offered opportunities to share experiences and lessons from many other projects at the Department and

importantly, exploit benefits from synergies; for example with the UNDP – supported Low Emissions Capacity Building (LECB) Project- Nationally Appropriate Mitigation Actions (NAMA) development and development of a GHG Inventory.

The Joint Task Force (JTF) was formulated at the recommendation of the Mid-term Review to fast track the implementation of activities and was constituted by the three main stakeholders of the project i.e. CCD, BTC and the project implementation team. The JTF has been instrumental in the coordination of activities amongst the 3 key stakeholders including CCD and the MWE. The participation of a CCD focal person in the Project and representation on the JTF, by Mr. Henry Bbossa, has in particular helped to ensure timely tracking of those activities that required CCD or MWE intervention.

Management context: execution modalities - The modalities for the recruitment and contracting of trainees, signing MoUs with beneficiary CDM projects and for provision of financial support to the projects had to be developed by the Project Team. The modalities for provision of financial support needed to be established as soon as it was agreed that financial support would be provided to beneficiary projects, rather than later on during implementation, which caused significant delays to the implementation.

The Mid -Term Review in 2012 recommended, and saw the NTA take on the daily management of the project, while the Project Manager based in Nairobi was left to make sure the project had all the necessary resources in place for its smooth implementation. Such recommendations brought about significant improvement in overall management of the Project and faster implementation of activities. This improvement can also be attributed to the closer collaboration between CCD, BTC and the project team, by means of the JTF.

The Project benefited from the guidance from a multi-stakeholder project Steering Committee with the representation of BTC and government agencies in the water/environment, energy, finance, infrastructure and agriculture sectors. Its recommendations were useful in the implementation of the Project including the approval of the Project extension and approval of a number of complementary activities to ensure project objectives are met. Quarterly PSC meetings were introduced at the 8th sitting of the PSC in favor of bi-annual ones to fast-track activities during the final implementation period.

Harmo context -the Project endeavored to work in close partnership with other initiatives by other development partners in the climate change space, to harness the carbon market potential in Uganda. Of particular importance was the close working relationship with the Regional Collaboration Centre (RCC) of the UNFCCC which offered and will continue to offer support to CDM initiatives in the country. During the third call for proposals, for example, the RCC helped to identify and recommend potential projects that could be invited to apply for support. The RCC also helped the project in the organization of the workshop for NEMA (4th workshop) on PoA monitoring aspects and another on CER commercialization and ERPA negotiations (5th workshop) in September 2014. The RCC delivered presentations at both workshops and facilitated speakers from the UNFCCC in Bonn.

The Project also worked along-side GIZ in the development of Standardized Baselines (SBLs), which are to help further support CDM project development by reducing the CDM transaction costs. The SBLs will also be useful in the development of NAMAs in the related sectors. As agreed in the SBL validation workshop held in September 2013, each of the parties (GIZ and 'The Project') went ahead to develop the assigned respective SBLs. The project is working on the methane recovery SBLs for both industrial and municipal wastewater treatment, in addition to the SBL for the Grid Emission Factor of the Uganda power grid which was approved in October 2014. The Project team also worked with the SBL consultant to engage the UNDP Low Emissions Capacity Building Project (LECB) to investigate the possibility of having the SBLs developed being applied in the Waste NAMAs being developed under the LECB project. However this was not possible as the NAMA and the SBLs are in different sub-sectors.

The cooperation with other stakeholders helped the project harmonize efforts, share experiences/lessons learnt; and ensure efficient allocation of resources without duplication of support.

1.2 Important changes in intervention strategy

The successful implementation of the Project activities depends on both internal and external factors. A number of internal and external factors that were not foreseen during the formulation of the Intervention led to some changes in how the intervention has been implemented to ensure that the Project outcome can be achieved.

The modalities for provision of financial support to beneficiary projects were not established earlier on. Implementation thus suffered delays as the Project team and BTC worked together to establish the best modalities to use to effect the support. A number of options were discussed and ruled out including the use of financing agreements. Eventually it was agreed for MoUs to be signed between BTC and the beneficiary projects and the financing being paid directly to the service providers (not the projects themselves) through a contract with BTC. The signing of some of the MoUs, specifically with public institutions, also led to further delays that the project team tried to manage through the use of ultimatum letters.

It was also initially envisioned that financial support would be provided for the development of PINs and PDDs, however this was not the case. Instead of hiring consultants to develop the documentation, the CDM trainees and the project team worked on the development of these documents and the financial costs only went towards the DOE engagement fees for validation/ verification.

The project was also meant to be managed by the ITA, with the day-to-day management being handled by a project officer. However since the project had no permanent project officer, the Project management was handled by a Project manager located in Nairobi. At the recommendation of the MTR, since the Project Manager was not on site, it was proposed for the NTA to take on the day-to-day management of the project, which made the implementation more effective. In addition, during the MTR it was proposed to form a Joint Task Force (JTF) to oversee and fast track the implementation of activities. The formation of the Joint Task Force (JTF) consisting of Focal persons for CCD, BTC and the Project were necessary, timely and greatly aided the fast tracking of project progress. The continued collaboration of BTC and CCD in the implementation of the project was crucial for the success of the Intervention.

The Carbon markets suffered from drastic CER price declines, which inevitably affected the interest in development of CDM projects and led to an increased interest in other voluntary and new mechanisms. Although the Project was meant to support CDM project development, these new developments necessitated the Project to retain some flexibility in the capacity building programme, to be able to adjust to changing circumstances and enable the trainees to benefit from emerging mechanisms. Thus the trainees received broader training including in the Gold Standard and introduction to New Market Mechanisms; and financial and technical support has further been extended to other non-CDM carbon finance project activities like Gold Standard projects, development of Standardised Baselines. Nevertheless, the CDM capacity building initiative continued to be implemented and was still considered relevant to Uganda since future market mechanisms are likely to build on the CDM methodologies and architecture.

Revised Logframe

Following the recommendations of the Mid-Term review in 2013 and further discussions by the Joint Task Force, the logical framework was revised and approved by the 7th PSC meeting, with BTC review and final acceptance. The revised logical framework is as presented below.

Results and Activities	Indicators	Target	Source of Verification	Assumptions
Overall Objective: To enable Uganda to benefit from the Clean Development Mechanism of the Kyoto Protocol.	Final Report referring to and elaborating on project achievements approved by Steering Committee	Final project report assessing project achievements and extent to which Uganda has benefited from CDM as a result of the project	<ul style="list-style-type: none"> Final project report 	<ul style="list-style-type: none"> Registration regime for CDM projects at CDM EB is in place also after 2012.
Specific Objective: To strengthen technical capacity on CDM project formulation and create awareness of investment opportunities under the CDM among governmental institutions, project developers, including financing institutions.	A number of Ugandan CDM project appear on www.unfccc.int as registered CDM projects CCD promotion capacity as illustrated on website National CDM consultants registered on CCD website and/ engaged in relevant professional activities at the end of the project	<ol style="list-style-type: none"> 6 additional registered project activities at end of project CCD promotion capacity as illustrated on website At least 5 National CDM consultants trained and registered on CCD website 	<ul style="list-style-type: none"> www.unfccc.int (UNFCCC website) CCD website Final Project Report 	<ul style="list-style-type: none"> Modalities for project management and disbursement of funds are implemented according to the agreement with MWE
Result 1 The capacity of the main stakeholders of CDM in Uganda to formulate CDM projects and knowledge on project cycle and project finance, strengthened	<ul style="list-style-type: none"> CCD staff able to promote CDM in Uganda and provide necessary information to the public Public, private and civil society stakeholders engaged in identification of potential CDM projects 	<ol style="list-style-type: none"> CCD start to provide information on the following: <ul style="list-style-type: none"> CDM opportunities, eligibility criteria for obtaining LNO and LoA Sustainability criteria template Information to assist CDM project development process e.g. grid emission factor Second National communication Screening report on CDM opportunities UIA able to provide adequate information and linkages to potential investors on carbon market opportunities. Other relevant institutional staff able to promote CDM in Uganda At least 5 Ugandan experts adequately trained in 	<ul style="list-style-type: none"> Project Progress/ Execution reports Evaluation reports Meeting minutes Interviews with beneficiary stakeholders Results report Workshop and training courses evaluation reports CCD website 	<ul style="list-style-type: none"> Approval by the top and senior management of the MoWE to conduct the activities required and the placement of trainees within CCD Availability and interest and willingness by MoWE top managers and assigned staff to participate and

Results and Activities	Indicators	Target	Source of Verification	Assumptions
	Public, private and civil society stakeholders engaged in drafting PINs, PDDs, ERPAs and monitoring reports.	CDM project cycle including –ERPA negotiations, PDD/PIN writing and ERPA negotiations through theoretical training and involvement in support to beneficiary CDM projects (result 3) 5. At least 5 training Courses (Workshops) for Ugandan CDM stakeholders 6. At least 2 CDM Hub Associates trained in CDM project cycle and project development.		<p>cooperate</p> <ul style="list-style-type: none"> • Availability of adequate office facilities and staff to participate in the project • Availability and willingness trainees to be trained in PIN and PDD writing and ERPA negotiations
<p>Result 2. Improved availability and quality of key national information and tools for CDM project development in Uganda</p>	<ul style="list-style-type: none"> • Web site established with uptime above 90% • Website used (number of hits) • Key Information readily available on the CCD website, and easy to access • Staff able to design, update and maintain a website • Interested stakeholders use website to communicate • Website positively 	<ol style="list-style-type: none"> 1. A functional CCD website established, with at least 90% up time and with an increasing number of visits (hits). 2. Key information uploaded to CCD website including <ul style="list-style-type: none"> • Screening report of potential projects in Uganda , • LoA/LNO eligibility criteria • DNA sustainable development criteria • Updated Grid Emission Factor for Uganda • Procedures for LoA/LNO application • Second National Communication • Standardized baselines developed 3. Website actively used by CCD to link stakeholders and to promote CDM and other carbon finance alternatives 4. Interested stakeholders have a provision on the CCD website to communicate or make inquiries, etc. <p>Support project staff, CCD staff and UIA staff in Carbon Expo and/or other international carbon market exhibitions/conferences</p>	<ul style="list-style-type: none"> • CCD website www.ccd.go.ug • Project Progress/Execution reports • Evaluation reports • Results Report 	<ul style="list-style-type: none"> • A reliable or efficient website host that would ensure the target uptime for the website. • Needed information to be included on the website to attract stakeholders looking for that information. • Cooperation from IT staff of MWE concerning establishment of a DNA part of the website • Cooperation from CCD staff or MWE concerning establishment of a DNA part of the

Results and Activities	Indicators	Target	Source of Verification	Assumptions
	evaluated during ETR.			website
<p>Result 3. A supported process for the development of Ugandan CDM projects and their registration with the CDM Executive Board.</p>	<ul style="list-style-type: none"> • A number of potential CDM projects in Uganda identified • Number of PINs, PDDs, ERPAs on CDM projects supported • Number of CDM projects registered • Number of ERPAs signed with buyers • Number of monitoring reports verified by DOEs • Number of Certified Emission Reductions (CER) issued • Number of projects that have received financial advisory services from the project • Updated National GEF • Standardized baselines developed under the Project. 	<ol style="list-style-type: none"> 1. At least 8 potential CDM projects in Uganda supported by the project, involving consultants of the "CDM School" working on different stages of CDM project development, all the way to registration and ERPA negotiation stages. The supported projects should be at various stages including: <ul style="list-style-type: none"> • 20 projects identified and 15 PINs developed • at least 2 feasibility studies conducted and reports prepared, • at least 1 methodology development supported, • 6 PDDs of <i>Project activities</i> prepared • 6 <i>project activities</i> validated or included, • At least 2 projects supported in monitoring, including 1 PoA. • At least 2 projects to be supported in ERPAs. • At least 2 projects supported in financial advisory services 2. National grid emission factor updated by Q4 2013 3. Standardized baselines developed for 3 sub sectors 4. Development of a funding mechanism for CDM project support 	<ul style="list-style-type: none"> • Final project report 	<ul style="list-style-type: none"> • Cooperation of CCD, UIA on project implementation when participating in the management of the project • Physical availability of CDM potential in Uganda • Financing available for CDM project implementation • Finance available for the beneficiary project implementation' (non-CDM) • Project developers will require support in financial advisory services.

2 Results achieved

2.1 Monitoring matrix

Results / indicators	Baseline Value	End Target	End Value obtained	Comments
IMPACT: To enable Uganda to benefit from the Clean Development Mechanism of the Kyoto Protocol				
Final project report assessing project achievements and extent to which Uganda has benefited from CDM as a result of the project	0	1 report demonstrating benefits from CDM	1	The Final Project report details the achievements of the project and the extent to which the Impact has been achieved.
OUTCOME: To strengthen technical capacity on CDM project formulation and create awareness of investment opportunities under the CDM among governmental institutions, project developers, including financing institutions				
6 additional Ugandan CDM project activities appear on the www.unfccc.int as registered CDM projects at the end of the Project	0	6 additional registered projects at end of Project	5 registered/included project activities Whave PoA registered together with 1 CPA, 3 NEMA CPAs included, 1 UpEnergy CDM CPA included NWSC Watewater treatment Plant methane recovery project registered; and Nutrimix animal Feeds PoA under validation.	The baseline value was set at zero, signifying that only those projects identified under the project are considered. This is because information on potential CDM projects is not readily available.
CCD promotion capacity as illustrated on website	0	CCD promotion capacity as illustrated on website	CCD promotional capacity improved	The quality and quantity of information on the CCD website has improved a lot since the start of the Project. However, further improvements are on-going. Also since two of the former trainees of the CDM school will be absorbed as part of

Results / indicators	Baseline Value	End Target	End Value obtained	Comments
				the CCD staff, CCD should have better in-house promotional capacity for CDM.
At least 6 National CDM consultants registered on CCD website and/ engaged in relevant professional activities at the end of the project	0	6 National CDM consultants trained and registered on CCD website	5	5 consultants completed the entire course of the training, although a total of 8 went through the School. Moreover, 2 of the trained Consultants were retained as CDM Project Officers by the project to provide support during the last year of project implementation. A third one is employed by UIA as a CDM technical Advisor and a fourth will be employed by CCD as a GHG Inventory Officer.
OUTPUT 1: The Capacity of main stakeholders of CDM in Uganda to formulate CDM projects and knowledge on project cycle and project finance, strengthened.				
CCD to provide information on the following: <ul style="list-style-type: none"> • CDM opportunities, • eligibility criteria for obtaining LNO and LoA • Sustainability criteria template • Information to assist CDM project development process e.g grid emission factor • Second National communication • Screening report on CDM opportunities 	CCD not engaged in promotion of CDM	CCD able to effectively promote CDM in Uganda	CCD providing all the necessary information listed. Most key information on CDM availed on the website including the, the GEF SBL and the , screening report on CDM opportunities in Uganda.	CCD is providing the following information on the website: <ul style="list-style-type: none"> • Eligibility criteria for obtaining LNO and LoA • Sustainability criteria template • Updated Uganda Grid Emission Factor (GEF) Report and approved GEF SBL • The screening report assessing the potential for CDM development was published on the website • Report and a summary table on funding sources available for clean-tech/ mitigation projects.
UIA able to provide adequate information and linkages to potential investors on carbon market opportunities.	Limited capacity within UIA to provide relevant information to potential	UIA able to provide adequate information and linkages to potential investors on carbon market opportunities.	UIA in a better position and has sufficient capacity to provide the necessary information to investors,	The current CDM Technical Advisor at the UIA is a former trainee of the CDM School and is knowledgeable enough to assist UIA to achieve this objective. This should help improve their capacity to adequately promote CDM and provide the relevant

Results / indicators	Baseline Value	End Target	End Value obtained	Comments
	carbon market investors .		following the recruitment of a former CDM trainee as a CDM Technical Advisor and holding a tailored training to the UIA staff in November 2015..	information to potential investors. The CDM Technical Advisor plans to hold further in-house training workshops for UIA staff so as to appreciate carbon finance better and the potential opportunities it offers for investors ; and thus be in a better position to promote it to investors.
Other relevant institutional staff able to promote CDM in Uganda	Limited ability of various institutional staff to promote CDM in Uganda	Other relevant institutional staff able to promote CDM in Uganda	Other relevant institutional (NEMA,UIA, NWSC, UECCC) staff able to promote CDM in Uganda	A budget line was included to assist the building of CDM capacity of key institutions including CCD, UIA, MAAIF and NEMA. Further capacity building activities were carried out in 2014/15, mostly in form of workshops, tailored to the needs of the given stakeholder e.g. UIA and NEMA. Further, staff from these institutions was supported to attend global functions such as Africa Carbon Forum (2013/2014,2015), the Carbon Expo (2013,2014) and the COP 20& COP21 (planned).
At least 6 Ugandan experts adequately trained in CDM project cycle including –ERPA negotiations, PDD/PIN writing and ERPA negotiations through theoretical training and involvement in support to beneficiary CDM projects (result 3)	limited capacity within the Public , private and civil society stakeholders in drafting PINs, PDDs, ERPAs and monitoring reports	Six Ugandan experts have the capacity and are fully engaged in drafting PINs, PDDs, ERPAs and preparation of monitoring reports	A total of 8 experts trained through working on projects supported under the 1st, 2nd and 3rd Call for proposals.	The trainees were trained in drafting of PINs. 14 PINs were completed. Each trainee wrote at least 1 PIN. Also the trainees that left earlier before the end of their contracts were already trained in PIN writing. In addition the trainees were involved in PDD writing, applying different CDM methodologies. The trainees also received formal training in the preparation of ERPAs and the key legal aspects of ERPA negotiations. The trainees were involved in DOE sourcing, validation, verification exercise and

Results / indicators	Baseline Value	End Target	End Value obtained	Comments
				lately, in the preparation of monitoring reports and post registration changes. Moreover, the trainees also had the opportunity to gain hands on experience on Gold Standard Procedures by supporting the verification of the UpEnergy project and attending the Gold Standard Workshops organized in Kampala.
At least 5 training Courses (Workshops) for Ugandan CDM stakeholders	0	5	11 training courses or workshops.	<p>11 CDM training and dissemination workshops for stakeholders were conducted between 2012 and November 2015 that included:</p> <ul style="list-style-type: none"> • Introduction to CDM and the Carbon markets • Developing and financing of clean-tech projects and the role of climate finance • Development of the Grid emission factor and use of the tool for calculation of the emission factor of an electricity system • PoA implementation and monitoring aspects (NEMA) • CER commercialization and ERPA negotiations (I) • ERPA negotiations for lawyers and project developers (II) • Stakeholder workshop for development of SBLs for methane recovery from wastewater treatment • Stakeholder consultation workshop on funding sources for mitigation projects in Uganda • Report dissemination workshop on funding sources available for mitigation projects in Uganda • Dissemination workshop for the MAAIF Scoping study on GHG emissions in

Results / indicators	Baseline Value	End Target	End Value obtained	Comments
				<p>the Agriculture sector to facilitate prioritization of mitigation actions in the sector; and</p> <ul style="list-style-type: none"> The CDM Capacity Development and Projects support project closure workshop during which the achievements of the Project were shared and there was dissemination of the key outputs of the project for the future use by the stakeholders e.g. the approved SBLs and guidelines for project developers on sources of funding for clean-tech projects.
Capacity building undertaken in diversity of sectors and at all stages of the CDM project cycle	No projects selected yet	Capacity building undertaken in diversity of sectors and at all stages of the CDM project cycle	Capacity building undertaken in diversity of sectors including energy and energy efficiency, agriculture, wastewater and solid waste management. Projects have also been supported at all stages of the CDM project cycle from PIN, PDD, to validation and verification/ monitoring for issuance	The supported projects, at the back of which capacity building takes place, fell in the energy efficiency, waste (solid and wastewater), and agricultural efficiency sectors. Actual projects supported included: cook stoves, hydro (RE), water purification, wastewater & solid waste methane recovery/avoidance and methane avoidance from animal husbandry.
At least 2 CDM Hub Associates trained in CDM project cycle and project development	0	2	7 CDM-Hub Associates trained.	7 CDM Hub Associates underwent training as they worked on their supported projects. NEMA(2), NWSC (1), Whave (1), UECCC (1), UpEnergy (1), Hydromax (1)

Results / indicators	Baseline Value	End Target	End Value obtained	Comments
OUTPUT 2: Improved availability and quality of key national information and tools for CDM project development in Uganda				
A functional CCD website established, with at least 90% up time and with an increasing number of visits (hits).	CCD website in place but with limited usability and technical capability	Availability of a fully operational website; access to information on the website; CCD IT staff trained on website maintenance.	maintenance fully functional website is available. The number of visits had only increased marginally and some information is out of date and needs updating.	Hits were monitored periodically in order to monitor the improvement in the website visits.
Key information uploaded to CCD website including <ul style="list-style-type: none"> • Screening report of potential projects in Uganda, • LoA/LNO eligibility criteria. • DNA sustainable development criteria • Updated Grid Emission Factor for Uganda • Procedures for LoA/LNO application • Second National Communication (SNC) • Standardized baselines developed 	CCD and project staff unable to update or maintain the website	Information regarding operations of the DNA/procedures and general information relevant for CDM project development, uploaded on the CCD website	Key information has been uploaded on the website including: <ul style="list-style-type: none"> • The screening report • LoA/LNO eligibility criteria • SNC • GEF SBL 	There was improvement in the quality and quantity of information available on the CCD Website. Information includes: <ul style="list-style-type: none"> • LoA/LNO eligibility criteria. • DNA sustainable development criteria • Approved SBL for the Grid Emission Factor for Uganda • Procedures for LoA/LNO application • The screening report showing an assessment of the potential for CDM development in Uganda
Website actively used by CCD to link stakeholders and to promote CDM and other carbon finance alternatives	previous CCD website had no counter to establish number of visits	A website with an embedded tool to establish the number of clicks and increased traffic to the CCD website	The use of the website by CCD to link stakeholders and to promote CDM is still limited	Still limited website activity
Interested stakeholders have a provision on the CCD website to communicate or make inquiries etc.	No communication by the stakeholders via the CCD website	Interested stakeholders are able to communicate through the website	Interested stakeholders are able to communicate through the website	Facility provided but communication through the website is still very limited.

Results / indicators	Baseline Value	End Target	End Value obtained	Comments
Support project staff, CCD staff and UIA staff in Carbon Expo and/or other international carbon market exhibitions/conferences	Ineffective representation of Uganda at the carbon expo or other carbon market conferences-sometimes lacking a national stand for Uganda	Uganda through CCD and UIA, with support from the Project, effectively represented at international carbon market conferences or exhibitions	CCD, NEMA, UIA & other stakeholders plus project team supported to attend International Carbon conferences.	Support activities were executed in 2013, 2014 and 2015. <ul style="list-style-type: none"> • Carbon Expo 2013, • Carbon Expo 2014, 7 people supported • ACF 2013, 5 people supported • ACF 2014, 16 people supported and • ACF 2015 • COP 20 (2014), 5 people supported • 8 people planned to be supported to attend COP21.
OUTPUT 3: A supported process for the development of Ugandan CDM projects and their registration with the CDM Executive Board.				
At least 8 potential CDM projects in Uganda supported by the project, involving consultants of the "CDM school" working on different stages of CDM project development, all the way to registration and ERPA negotiation stages. The supported projects should be at various stages of development.	0	8	12	<ul style="list-style-type: none"> • KJS ltd (PIN) • MoICT (PIN) • Eco Stoves (PIN) • NWSC (registration) • Whave (registration of POA +1st CPA) • Nutrimix (for methodology development and registration) • NEMA (inclusion) • UpEnergy CDM (inclusion) • UpEnergy GS (verification) • Hydromax (verification) • Uganda Carbon Bureau (post-registration change) • NEMA composting PoA (2nd verification)
Number of PINs developed	0	20	14	Similarly, the baseline was restricted to those project PINs developed under the Project, hence set at zero. By the end of 2013 and

Results / indicators	Baseline Value	End Target	End Value obtained	Comments
				throughout the whole Project, 14 PINs or Quick Assessments (QAs) were prepared.
Number of PDDs developed	0	6 (5,1PoA)	7 (3PoA-DDs, 6CPA-DDs/ 1PDD)	<p>The baseline value was set as zero, considering only those PDDs prepared under the project.</p> <p>7 PDDs were developed including 1 PDD for NWSC project for validation, 3 CPA_DDs for the NEMA project sites for inclusion into the PoA and 1 PoA_DD for Whave together with its CPA_DD for validation. Also prepared was 1PoA-DD and 1 CPA-DDs for the Nutrimix PoA. The PDD and CPA-DD development for UECCC was stopped.</p>
Number of ERPAs signed or negotiations supported for project developers and potential buyers.	0	6	1 (for the NEMA composting PoA)	<p>NEMA was supported and concluded an ERPA with the Norwegian Ministry of Environment in 2015, for an attractive (above the market) price</p> <p>Due to the erosion of the CER prices on the carbon market, currently averaging at € 0.4, and less than € 0.5 for the whole of 2013, ERPAs were not an attractive venture thus no further ERPAs were signed. This was mostly because the negotiated price for an ERPA is normally a fraction of the going CER market price at the time of signing the ERPA, except for public buyers. However, a manual was produced on CER commercialization to help Project proponents identify premium CER buyers, which is considered more beneficial given the prevailing market conditions.</p>

Results / indicators	Baseline Value	End Target	End Value obtained	Comments
				The project has also assisted NWSC in preparing application forms to NEFCO (NorCap) and NEMA in applying to the Swedish Energy Agency to buy their future CERs, but with no success, probably since the project was pending registration by the time of the application submissions
Number of CDM project activities validated or Included	0	6	7 Project activities validated/ included (including 4CPAs included -3 NEMA & 1 Up Energy)	3 validations (Whave, NWSC and Nutrimix) and two inclusions involving 4 CPAs completed successfully.
Projects Supported in monitoring, including at least 1 PoA	0	2	3	2 PoAs were supported-in Monitoring including NEMA, Up Energy (GS) cookstoves PoA. One standalone CDM project-Hydromax was also assisted in the preparation of the monitoring report for verification. NEMA will also be assisted in the preparation of its monitoring report for the second verification cycle (planned).
Number of projects that have received financial advisory services from the project	0	2	2	2 projects received financial advisory services: Nutrimix and Eco-Group Ltd. These services were only provided at the request of the projects.
Updated national Grid Emission Factor (GEF) for Uganda electricity grid		Updated GEF for Uganda	Updated GEF, later approved as an SBL	The update of the Uganda GEF and its Validation were completed in 2013.
Standardized baselines developed for at least 2 sub sectors	0	Uganda DNA supported in the Development of at least 2 Standardized baselines	1 SBL approved for the energy sector, 2 under development for the wastewater subsector	GEF SBL was approved by the EB in October 2014 and published on the UNFCCC website. Two (2) methane recovery from wastewater SBLs have been developed and were submitted by the DNA to the EB for approval on 23 December 2015, following successful

Results / indicators	Baseline Value	End Target	End Value obtained	Comments
				assessment by the DOE.
Development of a funding mechanism for CDM project support. (Identification of Funding sources for clean-tech projects)	0	Funding sources for clean-tech projects and CDM projects identified.	Final report submitted in February 2015 and a dissemination workshop held in Q2 2015	The consultancy was successfully executed with a dissemination workshop and a stakeholder consultation workshop held.

2.2 Analysis of Results

2.2.1 Extent to which the intervention will contribute to the impact⁵ (potential impact)?

Uganda being a party to the Kyoto Protocol embraced efforts to combat climate change through a number of mitigation and adaptation actions, including activities under this intervention. The intervention will contribute to the overall targeted Impact of “Uganda benefiting from the Clean Development Mechanism of the Kyoto Protocol.”

The intervention has so far managed to register or include 5 project activities, with two project activities being in the pipeline. Uganda can potentially benefit from the CDM through generation of carbon finance from the sale of CERs that will be generated from these project activities for the coming 10 to 21 years, thus contributing to the Impact. In addition, the training of stakeholders in CDM project development; the provision of key information on the CDM project development cycle; and the development of CDM tools such as Standardized Baselines (SBLs), are expected to be beneficial even beyond the Project life time and further contribute to the Impact. In addition, tools like the SBLs developed can also be applied even for NAMAs developed within similar subsectors e.g. wastewater NAMA or renewable energy NAMA.

2.2.2 Extent to which the outcome has been achieved

The Outcome, *“Strengthened technical capacity in CDM project formulation and awareness of investment opportunities under the CDM created among government institutions, project developers, including financing institutions”*, has been achieved to a great extent. The technical capacity in CDM project formulation has been strengthened mainly through the CDM School, which has had a total of 8 trainees go through the school and the training of CDM associates through working together on the implementation of various CDM projects.

Awareness of Investment opportunities has been created by providing more information on the CDM project development cycle on the CCD website and supporting Uganda Investment Authority with the necessary capacity to inform new investors of investment opportunities in carbon finance, specifically the CDM. The Uganda Investment Authority CDM Technical Advisor was trained under the CDM School.

Further awareness about opportunities under the CDM has been created through a total of 11 thematic Workshops, which have been attended by various stakeholders from the public and private sectors including government institutions, project developers and financial institutions.

The outcome has therefore been achieved to a good extent.

2.2.3 Extent to which outputs have been achieved

Output One “The capacity of the main CDM stakeholders in Uganda, to formulate CDM projects and knowledge of project cycle and project financing, strengthened”

There was good progress on most of the activities aforementioned under output 1 and this directly contributed to building or strengthening capacity of the main stakeholders on CDM project formulation and development.

⁵ Terminology : Impact = General Objective ; Outcome = Specific Objective; Outputs = Expected Result

Notably, the CDM School successfully came to a close in September 2014, with a total of 8 trainees having gone through the school (with only five completing the training), four of whom are already engaged in the climate change sector. The capacity of the three trainees that left earlier cannot be underestimated given that they later joined the climate change sector and thus benefited from the capacity building at the School. Examples include one former trainee (drop-out) working with USAID on a climate change adaptation project in the agricultural sector; one as a CDM Technical Advisor for UIA, two were engaged as CDM Project Officers under the Project and another two, are to be incorporated into the CCD structure as employees.

A number of workshops (11) were held between 2012 and 2015 and focused on a number of topics/themes as detailed in the results monitoring table above. The workshops have been instrumental in further developing the capacity of various stakeholders in CDM project development.

Considering output 1 indicators, one can conclude that output one was realised. The fact that one of the former CDM trainees was taken on by a government entity, UIA, to work on CDM and other former trainees being employed working within the climate change mitigation sector exemplifies the attainment of the output. It is also worth noting that although not all the trainees will work as CDM consultants in the climate change mitigation sphere, their knowledge about CDM and especially the CDM toolbox will still be useful.

Output Two: "Improved accessibility and quality of Information and procedures for CDM project development in Uganda"

Under output 2, there was remarkable progress as far as improving accessibility to quality information on CDM possibilities and procedures in Uganda is concerned however, it is important to note that to ensure up-to-date information, this will have to be a continuous process.

A number of improvements were carried out on the CCD website since its re-launch in 2012. Further improvements were done on the website design in 2013/2014 and trainings conducted for the CCD staff and Project staff to be able to utilize and maintain the website. Extra information was and will continue to be posted on the website. The information ranged from general information about the Clean Development Mechanism; the various projects hosted by CCD; DNA procedures for obtaining LoAs; the DNA sustainable development criteria; upcoming events pertaining to the CCD and the Project; and tenders for consultancies, among others. The website still requires further improvement and this will be an ongoing process. Information on the website regarding the CDM Project has been updated.

With the uploading of various information and documents, the public was able to readily access more information. Documents uploaded included: the Grid Emission Factor, the Screening Report on Uganda's CDM potential; a CER commercialization and ERPA Negotiations manual; documentation for the third call for proposals for technical and financial support; and workshop reports or presentations, among others. Follow up website trainings were carried out to further build capacity of CCD staff to maintain the website for delivery of quality and timely information. The Second National Communication launched in Lima, Peru during COP20, was also uploaded.

Looking at the indicators, all the above achievements show that the activities contributed to output 2, i.e. Improved availability and quality of key national information and tools for CDM project development in Uganda.

Output Three: “A supported process for the development of Ugandan CDM projects and their registration with the CDM Executive Board”

There was remarkable progress on this output. Eight projects were supported by the Project past the Project Idea Note (PIN) stage i.e. four from the 1st and 2nd call for proposals and 4 additional projects from the third call for proposals received both technical and financial support to facilitate varying activities but revolving around validation, verification and monitoring; all aimed at supporting the CDM project development cycle. The supported projects were selected through a competitive process, where the calls were published in the key national newspapers and on the CCD website and selections were based on an agreed selection criteria, by a Project Selection Committee.

Projects supported included the following:

- Whave Solutions- for the purification of rural water PoA was registered. Whave had requested for extra support to include another CPA but no longer needed the support.
- *NEMA Composting PoA-3 CPA Inclusion* – had the 3 CPAs (Arua, Hoima and Masindi) were Included. See the link https://cdm.unfccc.int/ProgrammeOfActivities/poa_db/JL4B8R2DKF90NE6YXCVQQ3MWSGT5UA/viewCPAs
- NWSC Methane Recovery & utilization project –registered in May 2015.
- *UECCC- Hydro Power PoA-* UECCC withdrew in November 2014. DI Frontier, the owner of the first CPAs which were to be registered with/included under the UECCC hydropower PoA, having failed to show interest in the support offered, forced the Project to terminate support.
- Nutrimix Ltd-Support for methodology development, baseline study and PoA Validation - Small scale methodology, AMS-III.BK “Strategic feed supplementation in smallholder dairy sector to increase productivity,” was approved; completed a baseline in December 2014 and prepared the PDDs. The validation is underway after a successful Local stakeholder consultation and finalization of the Environmental Impact Assessment (EIA) , albeit it has progressed rather slowly. A letter of authorization from the DNA will be issued.
- *Hydromax-Support for CDM DOE Verification-* which is implementing a mini hydropower CDM project in Western Uganda. The project Buseruka Mini Hydro Power Plant project was registered by the UNFCCC (UNFCCC Ref 5770) in May 2012 and the verification is in its final stages, currently undergoing Technical Review prior to submission of the request for issuance to the EB.
- Up-Energy Improved Cook stoves Carbon Project, Uganda-Gold Standard-Support for Verification–conducted a survey and completed the verification and DOE has already made a submission to the Gold Standard Technical Advisory Committee (GS-TAC) for approval for issuance.
- *Up Energy-CDM Support for CPA Inclusion*–following the registration of their CDM PoA – *UpEnergy improved Cook stove Programme, Uganda* (Ref: 9956) in July 2014, had there CPA included. See link. https://cdm.unfccc.int/ProgrammeOfActivities/poa_db/WRL90IO62SKX4BD5CYJT8E1HVZ7QUM/viewCPAs).
- Uganda Carbon Bureau for the Post Registration Change for the Improved Cookstoves for East Africa (ICSEA) Programme of Activities (PoA), submitted in November 2015.
- *NEMA Composting PoA-* the Second verification for the 9 first CPAs is underway

The proposal to develop SBLs for 3 subsectors is also part of the bid to support the CDM

project development process by lowering the costs of implementation of CDM projects through the development of SBLs.

Given the above progress, conclusively, the activities contributed to the achievement of output 3 by supporting the process of registration of Ugandan CDM projects by the CDM EB. Further emphasis is put on the fact that some activities/indicators were not easy to be achieved in the Project timeline however, they are anticipated to be achieved thereafter. Notable of these are timely registration of Projects by the EB and approval of the wastewater SBLs.

2.2.4 The extent to which outputs contributed to the achievement of the outcome

The Project having undergone successful implementation in its lifetime was able to score considerable results in the outputs, which in turn contributed to achieving the Project outcome of *“strengthening the technical capacity on CDM project formulation and creating awareness of investment opportunities under the CDM among government institutions, project developers and financial institutions”*.

Under output 1, i.e. the capacity of the main CDM stakeholders⁶ in Uganda, to formulate CDM projects and knowledge of project cycle and project financing, strengthened, 9 trainings/workshops were carried out targeting several stakeholders (private and public) with emphasis on understanding CDM processes and financing. The CDM School under this output had 8 trainees go through it and 5 completing the training. These are expected to boost the technical capacity of Uganda in achieving the outcome.

Under output 2 i.e. improved availability and quality of key national information and tools for CDM project development in Uganda, the Project was able to support the updating of the Climate Change Department website where various literature/information pertaining to CDM was uploaded including the Screening Report on CDM Potential in Uganda, Uganda’s INDC and the second National Communication. This has helped to inform the wide range of stakeholders under CDM. Furthermore, the project plans to archive and handover all information and training material to CCD, which should further boost the information available by CCD.

Under Output 3, i.e. a supported process for the development of Ugandan CDM projects and their registration with the CDM Executive Board, the Project was able to support the registration and inclusion of a number of PoAs (2) and CPAs (4) respectively as aforementioned. Additionally, the Project supported a scoping study for the agriculture sector and also the development of 3 SBLs and supported a post-registration change to include a second methodology into an already registered PoA-ICSEA.

However it is important to acknowledge that a few targets though achievable were not achieved during the Project timeline and instead will be realized beyond the Project lifetime, due to factors beyond the control of the Project. Indicators of particular concern were: the “number of projects registered by the EB”-which can take an average of 6 months from the submission of the request for registration; “the number of ERPA negotiations supported”, due to the unattractive market conditions for ERPAs; and “the number of standardized baselines developed”, due to delays in the process of development of the methane SBLs.

2.2.5 Assessing the most important influencing factors, major issues

⁶ The main stakeholders are defined in detail in the reference document and logical framework. These are mainly: Government actors (e.g. CCD and UIA), projects proponents, consultants and academia, financial institutions involved in project’s development.

encountered and how they were addressed by the intervention

The lack of established and thought through modalities for implementation of financial support to beneficiary projects; and bureaucracies in the signing of MoUs led to delays in the implementation of project activities. However, the Intervention team worked hard during 2013 to ensure that the delayed project activities get back on track. The project work plan was revised and activities were fast tracked save for a few delayed activities relating to the development of a standardized baseline; but which are not expected to impact on the overall outcome of the project.

The training programme also faced difficulties in the initial stages of its implementation. Since the training was designed to be based on hands-on- training on actual CDM projects, the delay to select projects support meant that the trainees took a long time without actual projects to work on. This proved to be further a challenge since there was no written training programme available to guide the theoretical training sessions. This led to frustrations among the trainees and the premature departure of some from the training programme.

There were indeed delays in the implementation activities especially in 2014 as a result of a number of factors such as: delays in signing of MoUs by prospective beneficiary projects, delays in procurement of DOEs for validation and delays in the validation processes due to challenges with DOEs taking too long to provide timely feedback on responses despite close follow-up. However, most of these were overcome using PSC/JTF devised solutions like setting ultimatums for consultants and such measures saw work move fast.

Such delays did not only affect timely implementation but also greatly influenced the timely absorption of funds under the project during 2013 and 2014; nevertheless, there was a great improvement in the final year of the Project. The slow progress in activities and the availability of additional funds caused the Project extension to be necessary.

The formation of the Joint Task Force (JTF) for the project and the appointment of a Focal person for CCD on the project greatly influenced the implementation of activities. The JTF was a recommendation of the MTR and greatly aided the fast tracking of project progress in the proceeding period till the end of the Project. The continued collaboration of BTC and CCD in the implementation of the project was crucial for the success of the Intervention.

The CDM markets during the Project time continued to suffer from drastic CER price declines; amidst new mechanisms under development at the international level. As such, the Project embraced some flexibility in the capacity building programme, to be able to adjust to changing circumstances and enable the trainees to benefit from emerging mechanisms whilst maintaining the relevance of the CDM capacity building initiative in Uganda. For instance, UECCC (although it pulled out), was initially a CDM project but at the time of pulling out had doors opened for the development of a Gold Standard PoA.

The GET-FiT programme (www.getfit-uganda.org), which prohibits beneficiary grid-connected renewable energy projects from the sale of CERs on the compliance carbon market, meant that one of the former supported projects-UECCC, had to switch from development of a CDM to a Gold Standard (voluntary market) Programme of Activities, and eventually opted not to renew their MoU with BTC for provision support. This meant further delays in project implementation in terms re-drafting and signing of new addendums with the different parties involved and also bringing other parties on board on the Gold standard development process.

Under output 2, the Second National Communication (SNC) was delayed, a thing that was entirely out of the control of the Project. But the SNC was launched at COP20 in December in Lima Peru and after was published on the site. CCD acquired an IT officer who is instrumental in especially updating the website with information having trained under the Project on website maintenance. Thus there is increased ownership by CCD of the website and this is expected to ensure sustainability.

Under Output three, on the NEMA CPA inclusion project, the DOE that was procured first for the Inclusion of the 3 NEMA CPAs pulled out, leading to a delay of 6 months in the implementation process and thus delay in achieving outputs. The validation however resumed following the procurement of another DOE for Inclusion and the 3 CPAs were included

2.2.6 Assess the unexpected results, both negative and positive ones

On a positive note, the Project experienced some positive results:

As part of achieving the Outcome, one of the unexpected results is the registration of a new CDM methodology with support from the Project, much as this was not an initial target output for the Project. The supported approved methodology by Nutrimix/RuMeth International Ltd is "AMS-III.BK: "Strategic feed supplementation in smallholder dairy sector to increase productivity" <http://cdm.unfccc.int/EB/index.html>

On a negative side, the Project suffered a setback with the unexpected pulling out of UECCC in November 2014. The GET –FiT programme's restrictions on beneficiary projects-not being able to trade CERs on the compliance market and the complexities of developing renewable energy mitigation projects under the Gold Standard, led to the pulling out of UECCC.UECCC support was therefore terminated.

Furthermore, three of the trainees that were recruited for capacity building under the CDM School left the training programme before it had officially reached its conclusion. We could thus say that the capacity of these trainees was not fully developed. This was an unexpected negative result.

2.2.7 Assessing the Integration of Transversal Themes in the intervention strategy

Gender

The intervention recognized the gender dimension of CDM and climate change in general and how it was linked to how climate change affects women and children and in particular the effect of climate change on the gender roles of women in households, which are particularly relevant in the agriculture, health and in household water and energy.

The intervention in the selection of projects to be supported endeavored to ensure that gender sensitive mitigation projects were supported, specifically those with potential to minimize, not only emissions, but the impacts of climate change on women and children. The Project also indirectly considered the gender aspects of climate change in the selection of mitigation projects to be supported, since the sustainable development criteria for the Uganda DNA, which all supported projects apply, required consideration of gender balance and equity, taking into consideration disadvantaged groups. For all supported projects and LoA or LNO from the DNA was required, which should confirm that the given project met the sustainable development criteria for Uganda.

Specifically, the project has supported the Nutrimix project, which was aimed at reducing

enteric methane through increasing dairy yields; the Whave Safe water purification project that was aimed at increasing access to clean water in rural areas; and UpEnergy Improved Cook stoves CDM and Gold Standard PoAs and the ICSEA improved cook stoves PoA - which provides much benefit in improving household health-particularly of women and children by reducing indoor air pollution and reducing accidents.

Environment

The implementation of this Project was premised on the assumption that successful implementation of this intervention would result in a reduction or avoidance of greenhouse gas emissions thus contributing to the global fight against climate change through mitigation initiatives. The average emissions reductions from all the supported projects in the pipeline were estimated at 139,000 tCO₂/yr and 975,000t CO₂ over a 7 year crediting cycle.

In addition, each of the CDM projects implemented were required to demonstrate compliance with the sustainable development criteria for the Ugandan DNA, which includes a requirement to demonstrate contribution to environmental sustainability by the project. All supported projects were thus required to obtain a LoA from the DNA, which should confirm that the given project meets the host country sustainable development criteria. Therefore all the supported projects under preparation for registration with the CDM EB should contribute positively to environmental sustainability.

The project also supported the Climate Change Department in the installation of a 5200WP solar system, which has helped CCD to lead by example on captive renewable energy generation and reducing on the carbon footprint by using renewable energy instead of partially fossil-fuel generated grid electricity or generators. The solar system has also made electricity supply more reliable and increased productivity at the CCD.

The project also supported 6 Project Steering Committee members, to represent Uganda as part of the negotiations team for COP20 in December in Lima, Peru. Negotiations at the COP 20 were expected to lay grounds for a binding agreement to be reached during COP 21 in Paris, France 2015 - in global efforts to ensure that temperatures remain below 2°C to avoid dangerous climate change.

2.2.8 To what extent have M&E, backstopping activities and/or audits contributed to the attainment of results? How were recommendations dealt with?

Mid-Term review: The Project in 2013 underwent a Mid Term Review which critically looked at the way the project was being executed. The MTR highlighted a number of elements where project implementation was not on track and provided recommendations on how to get the implementation back on track. After the MTR, it was recognized by all stakeholders that then status of Project execution was a shared responsibility between all actors involved, starting from the Project management team, to the Project Steering Committee, BTC (HQ and representation), CCD, trainees, and the backstopping missions. After the MTR, BTC, CCD, the TA-team and the trainees managed to find a fresh start and all parties endeavored to work together to ensure that the Project delivered.

A key activity as a result of the recommendation of the MTR, was a planning workshop which yielded a concrete post MTR work plan (December 2014) that has guided Project

implementation to date. Also from this workshop, discussions led to a decision of a “results-based approach” towards the trainees to ensure concrete results are realized, rather than a “presence based approach”. It was also after the recommendation of the MTR that the Joint Task Force, consisting of a representative of BTC, CCD and the TA team was set up. The JTF has indeed been instrumental in ensuring that implementation of the activities is fast-tracked according to the work plan; which has greatly aided Project success.

Technical backstopping

The Project has had 9 backstopping missions by Mrs. Patricia Grobben of the Climate Change Section of the Belgian Federal Public Service Public Health, Food Chain Safety and Environment (FPS), representing BTC. The specific objectives of the backstopping missions, were set before the mission and mainly involved following up on the implementation of the project, progress on earlier recommendations and specific guidance on a number of implementation issues.

All backstopping missions were concluded with a report which provided recommendations for the main Project stakeholders including the Project management/implementation team, CDM trainees, CCD, BTC Representation and headquarters and the JTF, to ensure effective management and implementation. The project management team and later the JTF has throughout followed through on the recommendations of the backstopping missions and the progress on implementation reported as part of the JTF meetings. The backstopping missions have been a main factor in ensuring the intervention remains on track and the intervention outputs are achieved

Financial and systems audit

During the 3rd PSC sitting in 2012, it was agreed to have only 2 audits instead of 3 for the entire duration of the Project.

The first Financial and Systems Audit for the project was carried out in November covering the periods of 1 October 2011 to 31 August 2013. The Final Audit Report was submitted in January 2014 with the following recommendations:

- While the procurement process followed the minimum requirements of the Belgian law, it is best practice and recommended that formal contract specifications be prepared and agreed for consultancy contracts, to conclude a contract or sign a purchase order as described in the Belgian procurement rules
- It was recommended that tender registers be updated at frequent intervals.
- That best practices are followed and that the requesting person complete a purchase requisition that will be approved by their line manager before being processed for budget control and procurement.
- It was also recommend that the TFF should include an initial risk analysis, which would allow the project management team to take steps at an early stage to mitigate these risks.
- It was also recommended that the CAMCO risk assessment be developed to cover a broader range of risks, to use a scoring system (for example from 1 to 5) to quantify the likelihood and impact of risks and to identify and assign mitigating actions.

- In order to minimize the risk of loss, the petty cash should be kept permanently under BTC control at their offices, written prior approval for petty cash purchases be obtained from a line manager.
- In order to reduce the number of petty cash transactions, the maximum payment threshold should be fixed at a level which is appropriate and which will reduce the number of petty cash transactions. The threshold and the type of payments that should be made with petty cash should be clearly defined in a finance manual.
- BTC must always be responsible for its own petty cash and for the authorization of petty cash payments.
- It was also recommended that location of all assets should be added and update the current conditions in the Fixed Asset Register and engrave all project assets.
- Maintain a vehicle log book including information on petrol consumption, name of drivers and purpose of the trips.
- Carry out a physical check of project assets on a regular basis and at least once a year.
- The financial and implementation progress of the Camco contract should be closely monitored by BTC and the terms of the contract should always be followed. If it is found that the terms are not appropriate, they should be re-negotiated with the contractor.
- It was recommended that steps be taken to eliminate these weaknesses in segregation of duties by involving other members of staff in the processes, steps be taken to improve filing and HR documentation as well as ensuring that the BTC Development Circle procedures are followed, travel report be used and that it should include the submission of boarding passes to confirm that the flights were taken on the dates that agree with the per diems provided.
- It was also recommended that the JTF takes responsibility for quarterly reporting to the Steering Committee as well as to BTC, which would include review and approval, with input from the backstopping mission, of the quarterly report from Camco. The JTF should report to the Steering Committee Quarterly commenting on and adding to the Camco report.
- Recommended that all recoverable VAT be reclaimed as soon as possible and that it should be accounted for separately in FIT and that the SLA be agreed as soon as possible to allow the full actual costs of the project to be shown in FIT.
- Recommended to forecast programme activities take into account previous delays so that cash calls are a reflection of the actual costs that will be engaged during the quarter.

All the above recommendations were implemented accordingly and a follow up system was setup in place. A requisition form was designed which required approvals first before petty cash expenditure, Petty cash reconciliations done, An assistant Program Officer who is the BTC Focal person was assigned to be part of the approval process to improve the checking process. A separate budget line for VAT created, new log book designed to include fuel consumption, regular cash counts, Registers updated, regular cash counts among others. This has ensured that any purchases made with project funds are properly authorised and that budget is available.

It has enhanced good practices and met high standards of accountability, improved financial reporting and budget monitoring, Timely activity execution/implementation. This can be seen from the execution rate rising from 34% as at 31.10.2013 to 86% as of

04.11.2015.

End-Term Review (ETR):

An End Term review mission was conducted from 29 June to 13 July 2015. The objective of the ETR is to: offer useful recommendations that support strategic and operational decision-making for steering of future interventions; contribute lessons learnt from the intervention; and enhance accountability of the donor and other internal actors by supplying an external assessment of the progress made and the results achieved.

Based on the draft ETR report that was published in August, the following were the *main findings*:

Relevance:

The CDM Capacity Building and Projects support Project (“the Project”) is in line with the Uganda National development objectives and it addresses Uganda’s need to benefit from the CDM of the Kyoto Protocol, as well as the larger climate change financing opportunities.

Efficiency

The various inputs have not been managed efficiently, with substantial delays in the execution of project activities. Overall there were some flaws in the overall approach adopted, particularly regarding the roles and responsibilities which meant that the execution modality did not foster an efficient conversion of inputs into outputs.

Effectiveness

After the MTR, the Project was back on track and began to deliver the required outputs, leading to overall outcomes required. With the institution of the Joint Task Force (JTF), the Project has progressed substantially towards its required outcome, realising more outputs in a limited time frame.

Impact

There are clear gains in capacity building for CDM trainees and project developers. Assuming that the CDM mechanism will be included in future protocols under the UNFCCC, this capacity will help Uganda see more CDM projects being developed, registered and CERs issued.

Sustainability

In terms of enabling environment, the intervention is well embedded in the strategic framework of Uganda including the *National Development Plan (2010/11-2014/15)*, the *Uganda Vision 2040* and the *National Climate Change Policy (2013)*; and being implemented by the DNA secretariat, the CCD. However the uncertainty surrounding the carbon market; continued erosion of the CER prices, whether the CDM mechanism will be included in future UNFCCC protocols together with lengthy and very costly CDM procedures threaten the sustainability of the intervention.

3 Sustainability

3.1.1 The economic and financial viability of the results of the intervention, potential risks and measures that were taken

The financial/ economic viability of the supported beneficiary projects is likely to be good, but may be affected by changing external economic factors such as the continued erosion of the CER prices. The stringent selection criteria for supported projects ensured that supported projects should be able to generate sufficient CER revenue to cover their operational costs, thus ensuring long-term sustainability.

In addition, the Project has supported the development of Standardised Baselines as tools that should assist project developers further in reducing the transaction costs of CDM that would be related to the establishment of baselines on a project by project basis. The developed SBLs should thus contribute to making CDM more attractive to new project developers due to reduced transaction costs arising from the use of approved SBLs.

The Solar system provided to the Climate Change Department through the Project, will also help them to cut down on their electricity bills and ensuring more reliable electricity supply.

3.1.2 The level of ownership of the intervention by target groups, continuity after the end of external support, potential risks and measures that were taken

The Project enjoyed a good working relationship with the stakeholders ranging from Project developers, interested individuals and the CCD. As for CCD, there was a representation on the JTF by a focal person, on the Project, who would update CCD on a regular basis on the progress of the Project. Their participation in the JTF further improved the interest of CCD in the Project as well as improved communication between the Project and CCD. CCD was also requested, through the Communications Officer, to take a more active role in the running of the website and utilizing it for publicizing various CCD events. As a result, CCD acquired an IT officer who has benefited from website trainings under the Project and has been instrumental in posting information and updating the website and this should help to ensure long-term sustainability of the website after the intervention has closed.

The CCD has as part of its mandate to support the development of CDM projects and therefore the development of both supported and non-supported CDM projects is likely to continue even after the intervention has come to an end. All the selected beneficiary projects had as part of their business plan, the plan to develop CDM projects. There is thus a good level of ownership among beneficiaries, having initiated the CDM project development process themselves; and the support activities are thus likely to continue even after the intervention has come to an end.

The beneficiary projects are also likely to continue with CDM project development even after the support through the intervention has ceased, since as part of the selection criteria, the beneficiary projects had to demonstrate that the CER revenues would be sufficient to cover the CDM transaction costs (mainly validation and verification) to ensure long-term sustainability. However this will be subject to the beneficiary projects finding a buyer for their credits at a reasonable price.

3.1.3 What was the level of policy support provided and the degree of interaction

between intervention and policy level? What are potential risks? What measures were taken?

The existing Policy, mainly the National Climate Change Policy which supports various mitigation initiatives and the relevant policy institutions, particularly CCD and MWE were generally supportive of the intervention and are likely to continue with support to CDM projects or other mitigation activities.

In order to ensure adequate DNA procedures are in place to support beneficiary CDM projects, as per the TFF, the Project had a plan to provide support to improve DNA procedures. However this support was halted by the DNA due to the availability of similar support by GIZ.

Also embedding some of the support activities such as the Website in the partner institutions (CCD) will ensure long-term sustainability of capacity building of the general public, way beyond the life-time of the Intervention.

3.1.4 How well has the intervention contributed to institutional and management capacity? What are potential risks? What measures were taken?

The embedding of the Intervention in the Institutional structure of the CCD, which acts as the DNA secretariat and is in charge of all mitigation activities as well as Project steering, contributed to improvement in the management capacity of the intervention. There was a risk that CCD may not derive any direct benefit from the capacity development under the CDM School. The training of some of the CCD staff under the CDM School will also ensure sustainability through the retaining of the built capacity within CCD/MWE.

At institutional (CCD) level; the project beneficiary structures operated better than previously. Indeed, the procurement of solar equipment, furniture, computerization, technical assistance, and the trainings/workshops organized, led to substantial improvement at the CCD as an institution. For instance there was an improvement in daily operations at the CCD e.g. the number of working hours for instance improved as a result of the solar system installed together with the internet services. The support to the website also helped improve the visibility of the CCD among the public. It is necessary, however, to pursue current efforts/initiatives with a view to attaining a higher level of efficiency.

The risk envisaged is the loss of CDM capacity within the CCD if the former CDM trainees (Project Officers) choose not to work with CCD any more. The risk is however being mitigated by a plan to absorb some of the former trainees as permanent staff within the CCD structure and with attractive remuneration.

4 Learning

4.1 Lessons Learned

The main lessons to be learnt from project implementation are as follows:

Lessons learned	Target audience
The active involvement of the main project partner (s) in steering the project and decisions about the implementation of project activities is essential for the overall success of the project and good will of government towards the project.	Project team, CCD BTC
Collaboration with existing climate finance initiatives (both public and private) is important for effective financing and implementation of CDM project support activities. This provides an opportunity to build synergies to ensure delivery of optimum project outputs, without duplication of support.	Project team, CCD BTC
In the formulation of any intervention that is meant to provide financial support to beneficiaries, it is important that the modalities of implementation in light of the applicable procurement procedures are well-thought through beforehand. This would ensure that time is not lost in identifying the best procedure to use during implementation, as has been the case for this Project.	BTC
For outputs that are meant to be used by the partner institution beyond the lifetime of the project, the partner should be encouraged to take a lead role to ensure sustainability of the output or activities beyond the lifespan of the Project.	BTC GoU/MWE
Future Capacity building programmes should carry out a thorough assessment on the capacity needs prior to implementation, to establish- who and what? So as to establish which are the best target institutions and in which specific areas would the capacity building be required	BTC/ GoU/MWE
For effective implementation of the training programme, the engagement of trainees for two years on a fulltime basis for hands-on training required thorough prior- preparation and planning.	Project Team
The engaging of trainees on full-time two-year training programme also required an HR policy established beforehand, otherwise implementation risks being derailed due to human resource and administrative concerns. The Project Administration and Financial Manual should have been developed right at the start of the project.	BTC
Project management cannot be put in the hands of an ITA that is not present on a full-time basis (lesson for project formulation) :	BTC/GoU/MWE
In general: the importance of planning and follow-up should be emphasized especially in the first years of the project.	Project team, BTC and MWE

4.2 Recommendations

1

Recommendation	Source	Target audience
Description of the decision to be taken.	The source to which the recommendation refers	
Mid-year results evaluation and project planning is recommended to ensure a more frequent tracking of progress.		BTC/CCD
There is need for appraisal reports to help identify in more detail problems likely to hinder the project from attaining successful implementation, by envisaging suitable solutions and organizing, especially at the beginning, familiarization sessions for members of the executing agencies (e.g. Camco) to become acquainted with the Development Partner's (BTC in this instance) rules and procedures;		BTC/CCD
The support activities that extend beyond the lifetime of the intervention should be supported by main local partner (CCD) and other partners with a view to preserving and consolidating the Project outputs to ensure long-term sustainability.		CCD/BTC/other DPs
Pursue training and re-training programmes to prevent staff mobility risks and ensure, as much as possible, the stability of trained officials through an enticing career management policy and attractive remuneration;		GoU
In case of a future intervention that requires the outsourcing of the project implementation and management to a consultant, the Regie arrangement may not be the best. Effective Project management requires the power to spend money to achieve results, .		BTC

PART 2: Synthesis of (operational) monitoring

1 Follow-up of decisions by the JLCB

Report on the follow-up of decisions. Provide an overview of the **important strategic decisions** taken by the JLCB during the intervention (do not include minor decisions). Next, describe how the intervention followed up on those decisions. These decisions may also emanate from recommendations withheld by the JLCB pursuant to Results Reports, the MTR, backstoppings, audits and ETR. This should normally be a copy-paste from the intervention's updated operational monitoring.

	Decision				Action			Follow-up	
N°	Decision	Identification period (mmm.yy)	Source*	Actor	Action(s)	Resp.	Deadline	Progress	Status
PSC 3, Oct 12	The Project Team to review the eligibility criteria for CDM projects to make the requirements clearer	Oct-12	48/PSC/12	Project Team	Project reviewed the UNFCCC eligibility criterion for CDM projects and developed a complimentary project evaluation for the project selection process.	ITA / NTA		Eligibility criteria remained largely the same, but the project team changed the weighting and the Project team explicitly indicated this in the application guidelines e.g giving more weight to Ugandan Project and projects with a significant contribution to sustainable development.	CLOSED
PSC 3, Oct 12	The eligibility criteria will also make it clear	Oct-12	48/PSC/12	Project Team	Clearly stated in the same in the call for	ITA / NTA		Project developers at the workshop	CLOSED

	that no grants will be made by the Project				proposal application guidelines and during the workshop held in November 2012			acknowledged the terms of financing in the guidelines	
PSC Oct 12	3, Project Team to be more proactive in identifying potential projects in Uganda which can benefit and participate in the project	Oct-12	48/PSC/12	Project Team	Proactive advertisement of the second call for proposals and through direct invitations to stakeholders through emails and telephone calls was employed	ITA / NTA		Project team actively approached projects and provided support in filling the application	CLOSED
PSC Oct 12	3, Project Team to engage more with the local stakeholders to clarify the requirements to qualify for support under the project, e.g. through the organization of stakeholder workshops as a way of reaching out to potential CDM project developers.	Oct-12	48/PSC/12	Project Team	First and second workshop held and included a session elaborating on how project developers can qualify for support under the project.	ITA/NT A		CDM project developers were encouraged to make presentations at workshops, as well as actively interact with each other through discussion forums and plenary sessions	CLOSED
					Project team actively participated in multi-stakeholder workshops related to the development of potential CDM projects	ITA/NT A		Presentation at stove association meeting, meetings with a number of Ugandan projects (Eco-stoves, UECCC, NWSC, etc.) and other stakeholders	
PSC Oct 12	3, Project Team to liaise with registered projects and projects in the pipeline to find out if they need further support.	Oct-12	48/PSC/12	Project Team	Proactive sourcing of potential CDM projects through liaison with the relevant potential CDM project developers e.g. NEMA and NWSC.	ITA / NTA		Various registered projects and those in the pipeline were engaged (e.g. NEMA and NWSC) and MOUs were signed.	CLOSED
PSC	3, Project Team to ensure	Oct-12	48/PSC/12	Project	Project Team to apply	ITA/NT		Project team was	CLOSED

Oct 12	that the 2nd call for proposals is informed by lessons of the 1st call.			Team	lessons learnt from the 1st call <ul style="list-style-type: none"> • More detailed guidance for application • More proactive with project developers • More streamlined MoU process 	A		able to select numerous projects through the 2nd call to obtain technical and/or financial support	
PSC Oct 12 3,	The first financial Audit covering Period up to 31st December 2012 to be carried out at the start of 2013	Oct-12	51/PSC/12	Consultant	First financial and systems audit of the project to be carried out in Q4	BTC	1/1/2014	It was agreed to have only 2 audits instead of 3 for the entire duration of the Project. The first financial and systems audit for the project was carried out in November 2013 covering the period 1 October 2011 to 31 August 2013. Final report was submitted in January 2014.	CLOSED
PSC Oct 12 3,	Mid-Term Review to be done towards end of Q1 2013	Oct-12	51/PSC/12		Re-scheduled for Q3 2013 due to failure to receive applications from consultants in the first round of calls	ITA/NT A		MTR completed and specific recommendations were integrated in the overall project structure	CLOSED
PSC Oct 12 3,	Progress on the implementation work plan should be on the agenda for the PSC	Oct-13	51/PSC/12		Progress on Project to be included on next PSC agenda	ITA/NT A	Mar-14	Completed	CLOSED

PSC Mar 13	4,	Joint Task Force (JTF) to discuss Indicators in TFF Vs those proposed during the MTR and provide recommendations to the PSC.	Mar-13	59/PSC/13	JTF	JTF to discuss indicators Then provide recommendations to PSC	JTF	Mar-14	Completed.	CLOSED
PSC Mar 13	4,	Future Results Report to include a discussion on the challenges faced by the Project during implementation.	Mar-13	59/PSC/13	NTA	Discussion to be included in 2013 results report	NTA	Feb-14	Completed	CLOSED
PSC Mar 13	4,	Project team to recruit CDM-Hub Associates and update the Project Steering Committee.	Mar-13	59/PSC/13	Project Team	Project team to recruit CDM-hub associates	Project Team/TA	Mar-14	Recruitment of CDM hub associates completed with associates from UECCC, UIA, NWSC and NEMA.	CLOSED
PSC Sept 13	5,	CCD to prepare recommendation letter for the acting NTA, for the Permanent Secretary MWE to sign.	Sep-13	66/PSC/13	CCD	CCD to prepare letter	CCD Coord.	Oct-14	Completed	CLOSED
PSC Sept 13	5,	Task force with members from CCD, CAMCO and BTC to be established and start meeting to ensure proper project management and operational decision making	Sep-13	67/PSC/13	Project Team	JTF to be set up. Backstopping mission to compile TORs for JTF	JTF	Oct-13	JTF Constituted	CLOSED
PSC Sept 13	5,	Task force to review the work plan on monthly basis	Sep-13	67/PSC/13	JTF	JTF review work plan monthly	NTA	Monthly	On-going	ONGOING

PSC Sept 13	5,	Project team to organise a crash training programme for the new trainees.	Sep-13	69/PSC/13	Project Team	A one week crash training programme to be organized for the new CDM trainee recruits	NTA/ITA	Oct-13	Completed	CLOSED
PSC Sept 13	5,	Organogram to be revised to include the Project Steering Committee	Sep-13	70/PSC/13	Project Team	Project Team to review Organogram	NTA	Q4 2013	Completed	CLOSED
PSC Sept 13	5,	Project team to consider options for a site visit, which should coincide with the next PSC meeting and communicate this to the PSC members.	Sep-13	72/PSC/13	Project Team	PSC to be organized in Q1 2014 to coinciding with site visits	JTF	Mar-14	Completed	CLOSED
PSC Feb 14	6,	Project Team to extract action points from SC minutes and update the SC in a structured manner	Feb-14	75/PSC/14	NTA	Action points and status to be shared at proceeding meetings	NTA	Mar-14	Adopted	CLOSED
PSC Feb 14	6,	JTF to provide proposals on amended indicators.	Feb-14	75/PSC/14	NTA	Draft presented at the 7th PSC of March 2014 and approved by the PSC with condition	JTF/PSC	March 2014	Completed	CLOSED
PSC Feb 14	6,	JTF to come up with proposals on expanded activities & resource forecasts to present to PSC.	Feb-14	77/PSC/14	JTF	Project team to draft additional activities	JTF	March 2014	Completed	CLOSED
PSC Feb 14	6,	Project Team to consider options for site visit and communicate with PSC.	Feb-14	78/PSC/14	Project Team	Project team to organise site visits	JTF	March 2014	Completed	CLOSED
PSC	7,	Project Extension	Mar-14	85/PSC/14	Project	Project Team to	JTF	April 2014	Completed	CLOSED

Mar14	approved and Project Team to complete budgeting of project expanded activities incorporating submissions from the different stakeholders.			Team	complete budget for expanded activities				
PSC 7, Mar14	Camco to revisit indicators and BTC to give final approval after checking the legal implications of changing targets	Mar-14	86/PSC/14	Camco/BTC	Camco (Consultants) to revisit indicators	Camco	April 2014	Indicators revisited and approved on condition by the 7th PSC meeting. BTC reviewed before final acceptance	CLOSED
PSC 7, Mar14	JTF to organise site visits to other supported projects for the PSC members.	Mar-14	89/PSC/14	Camco	Project team to organise site visits for PSC members ensuring better preparation	Camco	Nov-14	First site visits completed in March 2014, other site visits were organized in December 2014 for the PSC members	Completed
PSC 8, Sept 14	JTF to organise site visits to other supported projects for the PSC members.	Sep-14	92/PSC/14	Camco	Project team to organise site visits for PSC members	Camco	Nov-14	Site visits were organized in Oct/Nov 2014	CLOSED
PSC 8, Sept 14	Project Team to update the PSC monthly on Project progress.	Sep-14	94/PSC/14	Camco	Project team to update PSC on progress of project.	Camco	Jul-15	PSC was updated on project progress. First update was sent to the PSC at the beginning of Oct 2014	CLOSED
PSC 9, Dec 14	JTF to follow up on ACF report by MAAIF	Dec-14	100/PSC/14	JTF	JTF to follow up on ACF report by MAAIF	JTF	15-Feb	Action point dropped due to the expired relevance of the report	CLOSED
PSC 9, Dec 14	JTF to organize 10 th PSC meeting on the proposed date 27 th Feb	Dec-14	100/PSC/14	JTF	JTF to organize 10 th PSC meeting on the proposed date 27 th Feb	JTF	15-Feb	10th PSC meeting was held in February 2015	CLOSED

	2015.				2015.				
PSC 9, Dec 14	JTF to follow up on Scoping study by MAAIF to ensure timely execution.	Dec-14	102/PSC/14	JTF	JTF to follow up on Scoping study by MAAIF	JTF	15-Feb	JTF updated 10th PSC on Scoping study by MAAIF in February 2015	CLOSED
PSC 9, Dec 14	CCD and Project team to meet and come up with a website sustainability strategy to be presented to the 10th PSC.	Dec-14	102/PSC/14	CCD/Project Team	CCD and Project team to meet and come up with a strategy for website improvement and sustainability, to be presented at the 10th PSC.	CCD/Project Team	15-Feb	PSC to be updated on the strategy for website sustainability in the closure meeting due end of April 2015	CLOSED
PSC 9, Dec 14	Project team to circulate a template to PSC to collect input for Final Evaluation ToRs.	Dec-14	103/PSC/14	Project Team	Project team to circulate template document to collect input for Final Evaluation ToRs.	Project Team	15-Jan	Template document for collecting input for Final Evaluation ToRs was circulated to the PSC members	CLOSED
PSC 9, Dec 14	Project management Team to communicate on progress of exit strategy recommended by the BTC technical back stopper and also the closing work plan with the 10th PSC.	Dec-14	103/PSC/14	Project Team	Project management team to communicate on progress of exit strategy recommended by the BTC technical back stopper and also the closing work plan with the 10th PSC	Project Team	15-Feb	PSC to be updated on Progress of exit strategy and closing work plan at the 10th PSC meeting. A written Exit strategy is to be presented at 12 th PSC (PSC-Closure)	On-going
PSC 10 Feb 15	UIA to coordinate the compilation of Project information and booking the booth at the Carbon Expo	15-Feb	108/PSC/15	UIA	UIA to coordinate the compilation of Project information and booking the booth at the Carbon Expo	UIA	15-Apr	UIA shared first draft with Project team, but the arrangement was aborted.	CLOSED

PSC 10 Feb 15	The Director Environment Affairs (MoWE)(Mr.Mafabi Paul) to follow up with Permanent Secretary on the approval of the Climate Change Policy and to update the PSC by week ending 27 th February 2015.	15-Feb	108/PSC/15	MoWE	The Director Environment Affairs (Mr.Mafabi Paul) to follow up with Permanent Secretary on the approval of the Climate Change Policy and to update the PSC by week ending 27 th February 2015.	MoWE	15-Feb	The Policy was approved in March 2015	CLOSED
PSC 10 Feb 15	BTC and PMU to address the request by Uganda Carbon Bureau and report by email to the PSC	15-Feb	108/PSC/15	BTC/PMU	BTC and PMU to address the request by Uganda Carbon Bureau and report to the PSC	BTC/PMU	15-Mar	The request was considered and an MoU was signed by the parties.	CLOSED
PSC 11 June 15	Project Management Team to revise the report emphasizing the outcomes	Jun-15	113/PSC/15	PMU	<i>Project Management Team to revise the report emphasizing the outcomes</i>	PMU	Jul-15	The report already contained a section detailing the outcome of the project, hence no further revision done.	CLOSED
PSC 11 June 15	Joint Task Force to organize another PSC on 10 th July 2015	Jun-15	113/PSC/15	JTF	<i>Joint Task Force to organize another PSC on 10th July 2015</i>	JTF	Jul-15	PSC Closure +1 is was held on 13th July 2015 instead of 10th July 2015	CLOSED
PSC 11 June 15	ETR consultants to share conclusions with PSC during July 2015 PSC meeting	Jun-15	113/PSC/15	ETR Cons.	<i>ETR consultants to share conclusions with PSC during July meeting</i>	ETR Cons.	Jul-15	It was agreed that this action point be cancelled since the ETR report with the conclusions was not yet ready at the time of holding the PSC-Closure. The ETR team, it was agreed, that it would instead share the report with the PSC members.	CLOSED

PSC June 15	11	Project Management Team to prepare an exit strategy draft to be shared with PSC members and discussed later at the next PSC (+1)	Jun-15	113/PSC/15	PMU	<i>Project Management Team to prepare an exit strategy draft to be shared with PSC members and discussed later at the next PSC (+1)</i>	PMU	Oct-15	PMU drafted the exit strategy which was shared at the PSC closure in on 10th July 2015	CLOSED
PSC June 15	11	NEMA to submit technical request to Project Management Team for content approval.	Jun-15	113/PSC/15	NEMA/PMU	<i>NEMA to submit technical request to Project Management Team for content approval.</i>	NEMA/PMU	Jun-15	NEMA submitted the technical request to the PMU, which was approved	CLOSED
PSC June 15	11	A consultant be recruited to follow up on post July activities.	Jun-15	114/PSC/15	BTC	<i>A consultant be recruited to follow up on post July activities.</i>	BTC	Jul-15	Consultant Recruited	CLOSED
PSC June 15	11	PSC members to be notified if their input is required for ETR	Jun-15	115/PSC/15	PMU	<i>PSC members to be notified if their input is required for ETR</i>	PMU	Jun-15	PSC members were notified	CLOSED
PSC June 15	11	Project Management Team to refine the list of Inventory	Jun-15	115/PSC/15	PMU	<i>Project Management Team to refine the list of Inventory</i>	PMU	Jun-15	List of inventory was refined and was presented to the PSC in July 2015	CLOSED
PSC July 15	12	Project team to organise for the next PSC meeting.	Jul-15	124/PSC/15	PMU	<i>The next PSC is being organised for October or November 2015</i>	PMU	Nov-15	Next PSC to be held on 5th November 2015	ONGOING
PSC July 15	12	PMU to circulate the Final Evaluation Report to the PSC members once the report is out	Jul-15	124/PSC/15	PMU	<i>The Final evaluation report was completed in August 2015 and was subsequently shared with all PSC members for their comments</i>	PMU	Sep-15	Final Evaluation Report circulated to all PSC members in August 2015.	CLOSED
PSC July 15	12	BTC to finalise contracting of the NTA to Project Closure in December 2015	Jul-15	125/PSC/15	BTC	<i>Contracting of the former NTA completed in August 2015</i>	BTC	Aug-15	Contracting finalised	CLOSED
PSC	12	BTC to work on and	Jul-15	125/PSC/15	BTC	<i>Budget modification</i>	BTC	Aug-15	Budget modification	CLOSED

July 15	finalise budget modification				completed and approved in August 2015			completed	
PSC 13 Nov 15 (PSC Closure)	The PSC approved the Position Note on the ETR, with a few proposed changes.	Nov-15	133/PSC/15	BTC	BTC was to incorporate the proposed changes by the PSC members into the Position Note for the End Term Review (ETR)	BTC	Nov-15	The proposed changes were incorporated and the revised Position note posted on the BTC intranet.	CLOSED
PSC 13 Nov 15 (PSC Closure)	BTC to finalise the list of assets and distribute to the PSC members ahead of the next PSC meeting	Nov -15	134/PSC/15	BTC	The final comprehensive list of assets is to be compiled and shared.	BTC	Nov-15	The asset list was compiled and shared with all PSC members	CLOSED
PSC 13 Nov 15 (PSC Closure)	All Project balances are to be transferred to the BTC Skills Development and Human Resources Project and earmarked for CCD Capacity building.	Nov-2015	135/PSC/15	BTC	Project balances to be transferred after all the accounts are closed	BTC	Mar-16	Pending- to be completed after all payments are made.	ON-GOING
PSC 14 (Closure+1) Nov 15	The PSC approved the capacity building application by UIA for their CDM Technical Advisor	Nov-2015	138/PSC/15	BTC	BTC to support the UIA CDM TA to attend the masters training	BTC/UIA		BTC has paid for the training for the UIA CDM Technical Advisor	CLOSED
PSC 14 (Closure+1) Nov 15	The PSC members reaffirmed that the project assets, as listed in the comprehensive Asset list, were to be transferred to the Ministry of Water and Environment	Nov-15	139/PSC/15	BTC	BTC to transfer all assets to MWE by January 2016, after project closure on 31 December 2015.	BTC/MWE		Asset transfer planned for January, after all the project activities have closed	ON-GOING

Expenses

Actual Project Expenses covering up to 31 December 2015.

Budget vs Actuals (Year to Date, by Quarter) of UGA0902111

Project Title : **Clean Development Mechanism Capacity Development Project**

Budget Version : **E02**

Currency : **EUR**

YtD : **Report includes all valid transactions, registered up to today**

Status	Fin Mode	Amount	Start to 2014	2015				Total	Total Exp.	Balance	% Exec
				Q1	Q2	Q3	Q4				
A	TO STRENGTHEN TECHNICAL	1.610.933,00	1.009.988,25	190.144,97	123.812,48	112.224,38	74.801,32	500.983,15	1.510.971,40	99.961,60	94%
	01 The capacity of the main	900.193,00	724.424,01	57.022,54	50.654,25	59.513,78	3.881,07	171.071,64	895.495,64	4.697,36	99%
	01 Support capacity building	REGIE 837.856,00	674.552,63	50.271,00	47.840,00	56.718,78	3.881,07	158.710,84	833.263,47	4.592,53	99%
	02 CDM school	REGIE 62.337,00	49.871,38	6.751,54	2.814,25	2.795,01		12.360,79	62.232,17	104,83	100%
	02 Accessibility and quality of	158.469,00	63.880,15	27.751,31	33.396,91	767,83	22.092,39	84.008,44	147.888,58	10.580,42	93%
	01 Establish Website on the	REGIE 9.596,00	4.506,36	1.194,26	1.952,21			3.146,46	7.652,62	1.943,18	80%
	02 Support participation in	REGIE 95.531,00	58.973,79	17.849,95	15.313,28			33.163,23	92.137,02	3.393,98	96%
	03 Describe and Upload	REGIE 30.000,00	0,00		8.947,39	767,83	22.092,39	31.807,60	31.807,60	-1.807,60	106%
	04 Provision of Internet	REGIE 23.342,00	400,00	8.707,10	7.184,04			15.891,14	16.291,14	7.050,86	70%
	03 The process for registration	552.271,00	221.684,09	105.371,13	39.761,32	51.942,77	48.827,67	245.903,09	467.587,18	84.683,62	85%
	01 Update existing national	REGIE 36.330,00	36.329,43						36.329,43	0,57	100%
	02 Establish funding	REGIE 53.303,00	6.354,48	27.315,41	19.633,16			46.948,57	53.303,05	-0,05	100%
	03 Funding of all steps of CDM	REGIE 351.186,00	155.776,83	56.940,69	13.738,16	31.538,14	13.401,29	115.618,28	271.395,11	79.790,89	77%
	04 Developing Standardised	REGIE 111.452,00	23.223,35	21.115,03	6.390,00	20.404,63	35.426,58	83.336,24	106.559,59	4.892,41	96%
B	VAT REFUND	0,00	0,00	894,69	508,00	491,56	418,46	2.312,81	2.312,81	-2.312,81	7%
	01 VAT Refund Regie	0,00	0,00	894,69	508,00	491,56	418,46	2.312,81	2.312,81	-2.312,81	7%
	01 VAT Refund Regie	REGIE 0,00	0,00	894,69	508,00	491,56	418,46	2.312,81	2.312,81	-2.312,81	7%
X	BUDGETARY RESERVE (MAX)	2,00	2,08						2,08	-0,08	104%
	01 Budgetary reserve	2,00	2,08						2,08	-0,08	104%
	01 Budgetary reserve	COGEST 0,00	0,00						0,00	0,00	7%
		REGIE 2,00	2,08						2,08	-0,08	104%
		REGIE 2.221.127,00	1.332.519,18	206.938,40	214.646,32	177.819,59	132.941,41	732.345,73	2.064.864,88	156.262,12	93,00
		COGEST 0,00	0,00						0,00	0,00	7%
	TOTAL	2.221.127,00	1.332.519,18	206.938,40	214.646,32	177.819,59	132.941,41	732.345,73	2.064.864,88	156.262,12	93,00



Budget vs Actuals (Year to Date, by Quarter) of UGA0902111

Project Title : **Clean Development Mechanism Capacity Development Project**

Budget Version : **E02**

Currency : **EUR**

YID : **Report includes all valid transactions, registered up to today**

Status	Fin Mode	Amount	Start to 2014	2015				Total	Total Exp.	Balance	% Exec
				Q1	Q2	Q3	Q4				
Z GENERAL MEANS		610.192,00	322.528,85	15.898,74	90.325,85	65.103,55	57.721,63	229.049,76	551.578,59	58.613,41	90%
01 Human resources		77.853,00	59.774,00	4.598,92	5.069,22	4.104,63	5.871,86	19.642,63	79.416,63	-1.563,63	102%
01 Technical assistance	REGIE	50.423,00	36.940,87	3.375,77	3.550,51	3.020,16	4.103,39	14.049,84	50.990,71	-567,71	101%
02 Other staff costs	REGIE	27.430,00	22.833,13	1.221,16	1.518,70	1.084,47	1.768,46	5.592,79	28.425,92	-995,92	104%
02 Investments		212.879,00	87.567,03	5.036,67	75.268,00	26.080,79	9.419,16	115.804,61	203.371,64	9.507,36	96%
01 Vehicles	REGIE	44.753,00	44.753,28						44.753,28	-0,28	100%
02 Office equipment	REGIE	8.744,00	8.426,39						8.426,39	317,61	96%
03 IT equipment	REGIE	11.244,00	11.243,88						11.243,88	0,12	100%
04 Solar system for Climate	REGIE	27.008,00	23.143,48	3.864,59				3.864,59	27.008,07	-0,07	100%
05 Support to the Climate	REGIE	121.130,00	0,00	1.172,08	75.268,00	26.080,79	9.419,16	111.940,02	111.940,02	9.189,98	92%
03 Recurrent costs		185.591,00	98.145,47	6.018,51	8.128,57	5.044,48	42.430,62	61.622,17	157.767,82	27.823,38	85%
01 Office maintenance	REGIE	3.182,00	3.181,46						3.181,46	0,54	100%
02 IT maintenance	REGIE	4.320,00	1.816,98	102,54	45,30	424,98	72,25	645,06	2.462,04	1.857,96	57%
03 Functioning vehicles &	REGIE	27.571,00	18.331,19	2.998,70	1.527,89	2.525,28	903,12	7.954,99	26.286,18	1.284,82	95%
04 Telecommunications	REGIE	5.651,00	3.391,64	438,95	243,85	178,45	74,60	935,84	4.327,48	1.323,52	77%
05 Internet	REGIE	17.416,00	16.883,43	26,51	6,04		5,07	37,61	16.921,04	494,96	97%
06 Stationary	REGIE	10.219,00	5.536,34	1.682,19			629,95	2.312,13	7.848,47	2.370,53	77%
07 Missions in Uganda	REGIE	5.250,00	2.461,82						2.461,82	2.788,18	47%
08 International Missions	REGIE	76.491,00	26.491,14				39.543,27	39.543,27	66.034,41	10.456,59	86%
09 Representation &	REGIE	27.131,00	11.918,57	221,86	5.067,21	1.426,08	875,59	7.590,74	19.509,31	7.621,69	72%
	REGIE	4.360,00	2.386,02	547,78	425,28	489,99	326,77	1.789,51	4.175,53	184,47	96%
	REGIE	2.221.127,00	1.332.519,18	206.938,40	214.646,32	177.819,59	132.941,41	732.345,73	2.064.864,88	156.262,12	93,00
	COGEST	0,00	0,00						0,00	0,00	7%
TOTAL		2.221.127,00	1.332.519,18	206.938,40	214.646,32	177.819,59	132.941,41	732.345,73	2.064.864,88	156.262,12	93,00



Budget vs Actuals (Year to Date, by Quarter) of UGA0902111 Printed on week: 5 January 2016

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Budget vs Actuals (Year to Date, by Quarter) of UGA0902111

Project Title : **Clean Development Mechanism Capacity Development Project**

Budget Version : **E02**

Currency : **EUR**

YID : **Report includes all valid transactions, registered up to today**

	Status	Fin Mode	Amount	Start to 2014	2015				Total	Total Exp.	Balance	% Exec
					Q1	Q2	Q3	Q4				
11 Other functioning		REGIE	4.000,00	3.746,88		813,00			813,00	4.559,88	-559,88	114%
04 Audit & monitoring			133.869,00	79.216,08	246,64	1.860,06	29.881,79		31.988,48	111.204,57	22.664,43	83%
01 Monitoring & evaluation		REGIE	104.038,00	51.244,65	246,64		29.881,79		30.128,43	81.373,08	22.664,92	78%
02 Financial audits		REGIE	13.275,00	13.275,15						13.275,15	-0,15	100%
03 Backstopping		REGIE	16.556,00	14.696,28		1.860,06			1.860,06	16.556,34	-0,34	100%
99 Conversion rate adjustment			0,00	-173,73			-8,14		-8,14	-181,87	181,87	2%
98 Conversion rate adjustment		REGIE	0,00	-173,73			-8,14		-8,14	-181,87	181,87	2%

REGIE	2.221.127,00	1.332.519,18	206.938,40	214.646,32	177.819,59	132.941,41	732.345,73	2.064.864,88	156.262,12	93,00
COGEST	0,00	0,00						0,00	0,00	2%
TOTAL	2.221.127,00	1.332.519,18	206.938,40	214.646,32	177.819,59	132.941,41	732.345,73	2.064.864,88	156.262,12	93,00



Budget vs Actuals (Year to Date, by Quarter) of UGA0902111 - Printed on woensdag 6 januari 2016

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Disbursement rate of the intervention

Source of financing	Cumulated budget	Real expenses cumulated (to 31/12/2015)	Cumulated disbursement rate (to 30/05/2015)	Comments and remarks
Direct Belgian Contribution	2,221,127.00	2,064,864.88	93%	The disbursement has seen significant improvement in 2014 and 2015. Expenses to date plus all commitments are estimated at 98%.
Contribution of the Partner Country	NIL	-	-	
Other sources	NIL	-	-	

Personnel of the intervention

Personnel (title and name)	Gender (M/F)	Duration of recruitment (start and end dates)
1. National personnel put at disposal by the Partner Country:	N/A	
2. Support personnel, locally recruited by BTC: Jovet Tweheyo John Ekwang	F M	3-year contract. Jan 2013- Jan 2016 3-year contract. Oct 2012 to Oct 2015
3. Training personnel, locally recruited: James Kakeeto Martin Ojok Martha N. Kasozi	M M F	9month Contract (Sept 2014 – July 2015), extended by 5months (Aug 2015 – Dec 2015) 9month contract (Sept 2014- July 2015) 5 month contract (Aug- Dec 2015)
4. International Personnel (outside BTC):		
5. International experts (BTC):		

Public procurement

Nr Public Contract	Public contract title	Brief description of public contract	Public contract type	Currency	Amount (estimated / realised)	Amount euros (estimated / realised)	Financing mode	Budget line(s) activity	Provider	Procedure	Status	Remarks	Period ToR preparation	Period(s) of Publication	Period(s) Awarding	Date(s) / Period(s) Execution	Date(s) / Period(s) Payment
CDM/B /001	Consultants to facilitate stakeholder workshops	Consultants to facilitate workshops	services	Euro	2x2000	2x5000	state-managed ('régie')	A0101	Several	No tender	5 Workshops completed. 3 more were held in December 2014. One more was held in May 2015	First workshop held in 2012, 3 workshops completed in 2013. 5th workshop was held in September 2014. 3 more were held in December 2014. One more was held in May 2015	N/A	N/A	June 2013 May 2015	June 2013 June 2015	June 2013 Dec 2015
CDM/B /002_U GA225	Venue and participants costs for the training workshop	Nil	services	Euro	1x15,00 1x30,00 0	1x15,00 1x30,00 00	state-managed ('régie')	A0101	To be decided	Request for quotation without publication	6 Workshops completed. 3 more were held in December 2014	A total of 8 workshops completed so far, but 3rd was paid under GEF budget line	N/A	N/A	June 2013 May 2015	June 2013 June 2015	June 2013 Dec 2015

Nr Public Contract	Public contract title	Brief description of public contract	Public contract type	Currency	Amount (estimated / realised)	Amount euros (estimated / realised)	Financing mode	Budget line(s) activity	Provider	Procedure	Status	Remarks	Period ToR preparation	Period(s) of Publication	Period(s) Awarding	Date(s) / Period(s) Execution	Date(s) / Period(s) Payment
CDM/A /003	Consultant to identify potential policy PoA		services	Euro	25,000	25,000	state-managed ('régie')	A0 303	N/A	Public tender	DROPPED	Dropped at recommendation of CCD, in a partner meeting on 20/08/2013 at which the project team ,BTC and CCD were represented, since Uganda has developed a Climate Change Policy		N/A	N/A	N/A	N/A
CDM/B /004	Consultant to identify Funding Sources for cleantech and CDM Projects	Nil	services	Euro	20,000/38,500	20,000/38500	state-managed ('régie')	A0 302	Frankfurt School	Public tender	Tender awarded, and is under execution. To be completed by February 2015	Republication of the tender due to lack of quality applications in the first round led to the delay of the Tender	May-June 2014	August 2014 (was republished)	Sept 2014	Oct 2014 Feb 2015	Oct 2014 Mar 2015
CDM/B /005	Consultant to assist DNA to submit GEF for approval as a Standardised Baseline	Ugandan GEF was revised, DOE validated and was submitted to the UNFCCC for approval as an SBL	services	Euro	20,000/7000	20,000/7000	state-managed ('régie')	A0 304	Climate Focus	Request for quotation without publication	Submitted to EB for approval. Final draft sent to DNA for comments. Final approval achieved and publication done in Q4 2014.	Nil	Dec 2013	Dec 2013	Dec 2013	Jan-Aug 2014	Feb-Oct 2014

Nr Public Contract	Public contract title	Brief description of public contract	Public contract type	Currency	Amount (estimated / realised)	Amount euros (estimated / realised)	Financing mode	Budget line(s) activity	Provider	Procedure	Status	Remarks	Period ToR preparation	Period(s) of Publication	Period(s) Awarding	Date(s) / Period(s) Execution	Date(s) / Period(s) Payment
CDM/A/006_U GA236	Consultant to design to develop 2 SBLs for methane destruction from wastewater treatment 1) from municipal wastewater and 2) from industrial sector	Nil	services	Euro	60,000/78,900	60,000/78,900	state-managed ('régie')	A0304	Climate Focus	Negotiated procedure without publication	Assignment is under implementation. The draft SBL reports are ready for DOE assessment..	Nil	Feb 2014	April 2014	June 2014	July 2014-May 2015	July 2014-May 2015
CDM/A/007	DOE to carry out a 3rd party assessment of the 2 SBLs of Methane destruction from wastewater treatment	Nil	services	Euro	25,000	25,000	state-managed ('régie')	A0304	To be decided	public tender	Evaluation of DOE bids completed. Award to follow shortly before end of June	Nil	April 2015	May 2015	June 2015	June 2015-Oct 2015	June - Nov 2015

Nr Public Contract	Public contract title	Brief description of public contract	Public contract type	Currency	Amount (estimated / realised)	Amount euros (estimated / realised)	Financing mode	Budget line(s) activity	Provider	Procedure	Status	Remarks	Period ToR preparation	Period(s) of Publication	Period(s) Awarding	Date(s) / Period(s) Execution	Date(s) / Period(s) Payment
CDM/A/008	Procurement of DOE for validation of NWSC Project	Validation of a CDM project for methane recovery from waste water treatment	services	Euro	40000/20,160	40000/20,160	state-managed ('régie')	A0303	Bureau Veritas certification Holding SAS	Negotiated without publication	Project Submitted for registration in May 2015	Tender changed from framework contract to individual CDM project tendering	Q4 2013	Q4 2013	Jan 2014	Jan 2014 to Mar 2015	Jan 2014 to Apr 2015
CDM/A/009	Procurement of DOE for validation of Whave Project	PoA validation for a water purification CDM project	services	Euro	35000/19231	35000/19231	state-managed ('régie')	A0303	Bureau Veritas certification Holding SAS	Negotiated without publication	Validation completed, project submitted for registration with the EB		Q4 2013	Q4 2013	Q1 2014	Jan 2014 to Mar 2015	Jan 2014 to Apr 2015
CDM/A/010	Procurement of a DOE for inclusion of 3 CPAs into the NEMA PoA	DOE inclusion of 3 CPAs to the NEMA Solid waste composting PoAs	services	Euro	25000/12970	25000/12970	state-managed ('régie')	A0303	AENOR	Negotiated without publication	Tender awarded, Validation completed and inclusion done.	Tender changed from framework contract to individual CDM project tendering	Q4 2013	Q2 2014 (re-tendered)	Q2 2014	Q3 2014 to Q1 2015	Q3 2014 to Q1 2015
CDM/A/011	Procurement of a DOE for validation of the UECCC PoAs	Validation and registration of a Hydro project, with 2 CPAs to be registered with the PoA	services	Euro	25,000	25,000	state-managed ('régie')	A0303	To be decided	Public tender negotiated without publication	DROPPED After UECCC opting out of support.		N/A	N/A	N/A	N/A	N/A

Nr Public Contract	Public contract title	Brief description of public contract	Public contract type	Currency	Amount (estimated / realised)	Amount euros (estimated / realised)	Financing mode	Budget line(s) activity	Provider	Procedure	Status	Remarks	Period ToR preparation	Period(s) of Publication	Period(s) Awarding	Date(s) / Period(s) Execution	Date(s) / Period(s) Payment
CDM/A /012	ERPA support	A consultant will be contracted to support the ERPA discussions	services	euro	54,000	54,000	state-managed ('régie')	A0303	Camco (changed to inhouse support rather than procuring a consultant)	Negotiated without publication	DROPPED It was agreed to have the service done in-house by Camco.	As per initial Camco tender, this support was to be provided in-house by Camco, hence tender no longer applicable	N/A	N/A	N/A	Q3 2014 - Q2 2015	N/A
CDM/B /013	Consultant to assist beneficiary projects to identify premium CER buyers	Nil	services	Euro	10,000	10,000	state-managed ('régie')	A0303	To be decided	Negotiated without publication	DROPPED	It was agreed that this support be provided in-house by Camco rather than procure an external consultant	N/A	N/A	N/A	July 2014-Sept 2014	N/A
CDM/B /014	Contract for website hosting and maintenance for 18 months	Consultant to provide website design revision, hosting and maintenance services	services	Euro	4,000/3,000	4,000/3,000	state-managed ('régie')	A0201	Hostalite (U) Ltd	Negotiated procedure without publication	Completed An addendum was prepared to extend the contract	Nil	Q2 2013	N/A	July 2013	Aug 2013- Dec 2014	Sept 2013- Dec 2014

Nr Public Contract	Public contract title	Brief description of public contract	Public contract type	Currency	Amount (estimated / realised)	Amount euros (estimated / realised)	Financing mode	Budget line(s) activity	Provider	Procedure	Status	Remarks	Period ToR preparation	Period(s) of Publication	Period(s) Awarding	Date(s) / Period(s) Execution	Date(s) / Period(s) Payment
CDM/B/015	Contract for website hosting and maintenance for 18 months	Consultant to provide Internet Services to the Climate Change Department for 18 months	services	Euro	20,000/22,000	20,000/22,000	state-managed ('régie')	A0203	IWAY Africa	Negotiated procedure without publication	Tender well executed - extension of contract was done	Nil	Aug 2014	Sept 2014-Oct 2014	Nov 2014	Oct 2014-Mar 2016	Oct 2014-Nov 2015
CDM/B/016	Contract for website hosting and maintenance for 12 months	Consultant to provide website design revision, hosting and maintenance services for 12 months	services	Euro	3,500		state-managed ('régie')	A0201	Hostalite (U) Ltd	Negotiated procedure without publication	Addendum and TORs finalised & tender awarded and is ongoing	Tender well executed (also see CDM/B/014) above - extension of contract one	Jan 2015	N/A	April 2015	Jan 2015-June 2016	Jan 2015-Dec 2015
CDM/A/017_U GA251	Supply of Office Furniture for the Climate Change Department	The Project Steering Committee approved funds to procure furniture for the CCD to support its transition to a department	supplies	Euro	80,000	75,268	state-managed ('régie')	Z0205	Footsteps	Negotiated procedure without publication	On-going	Furniture has been delivered and verified.	Jan 2015	Jan 2015	Feb 2015	Feb - March 2015	April 2015

Nr Public Contract	Public contract title	Brief description of public contract	Public contract type	Currency	Amount (estimated / realised)	Amount euros (estimated / realised)	Financing mode	Budget line(s) activity	Provider	Procedure	Status	Remarks	Period ToR preparation	Period(s) of Publication	Period(s) Awarding	Date(s) / Period(s) Execution	Date(s) / Period(s) Payment
CDM/A/018_U GA253	Printing of Promotional Materials for the Climate Change Department	The Project Steering Committee also approved funds to print promotional materials for the CCD	services	Euro	10,000		state-managed ('régie')	A0 203		Simplified procedure	Assignment was completed.		March 2015	March 2015	April 2015	April - May 2015	May 2015
CDM/B/019	Repair of CCD vehicle	A CCD vehicle has been grounded for over one year and funds have been approved for its repair under the budget line for support to CCD	services	Euro	12,000		state-managed ('régie')	Z02 05		Simplified procedure	Completed		April 2015	May 2015	May 2015	May - June 2015	June 2015
CDM/A/020_UGA 269	Verification of the NEMA-Uganda Solid Waste Compost Programme	NEMA put in a request to the project to support its second verification, which was approved by the 11th PSC	services	Euro	23,900	23,900	state-managed ('régie')	A0 303	To be decided	Simplified procedure	tender commenced in November 2015.	Tender to started in November 2015	July 2015	August 2015	August 2015	August - Jan2 016	August - Jan2 017
CDM/A/021	Technical Support to the Project to December 2015	The PSC recommended the hiring of a consultant to support project closure and completion of on-going	services	Euro	18,200	18,200	state-managed ('régie')	A0 101	Former NTA and former PO	Simplified procedure	Tender underway	To be completed in December 2015.	July 2015	July 2014 5	August 2015	August - December 2015	August - Dec 2 015

Nr Public Contract	Public contract title	Brief description of public contract	Public contract type	Currency	Amount (estimated / realised)	Amount euros (estimated / realised)	Financing mode	Budget line(s) activity	Provider	Procedure	Status	Remarks	Period ToR preparation	Period(s) of Publication	Period(s) Awarding	Date(s) / Period(s) Execution	Date(s) / Period(s) Payment
		activities															
CDM/B/022	Procurement of a DOE for Post Registration Change for the ICSEA Improved Cookstoves PoA (UCB).	ICSEA applied for support for post registration change to include a second methodology into the registered PoA with AMS II.G	services	Euro	7,225	7,225	state-managed ('régie')	A0 303	Carbon Check	Simplified procedure	Tender concluded. The PRC request was submitted to the EB in November together with the PRC validation report.	Nil	May 2015	June 2015	June 2015	June-Nov 2015	June-Nov 2015
CDM/B/023	Procurement of DOE for Verification Hydromax Project	1 st Verification of the Hydromax Buseruka HPP Project.	services	Euro	12,000	€ 12,000	state-managed ('régie')	A0 303	TUV Nord	Simplified procedure	Tender is in the final stages of conclusion. Project submitted for Technical Review in December 2015. Expected to be approved for issuance in January 2016.	NIL	Mar 2015	April 2015	April 2015	May 2015-Nov 2015	Nov-Dec 2015.

Equipment

List equipment acquired during the intervention

Equipment type	Cost		delivery date		Remarks
	budget	real	budget	real	

Original Logical Framework from TFF:

Include the original logical framework as presented in the TFF

	Indicators	Source of Verification	Assumptions
Overall Objective: To enable Uganda to benefit from the Clean Development Mechanism of the Kyoto Protocol.	Final Report referring to and elaborating on project achievements approved by Steering Committee	Final Report	Registration regime for CDM projects at CDM EB is in place also after 2012.
Specific Objective: To strengthen technical capacity on CDM project formulation and create awareness of investment opportunities under the CDM among governmental	A number of Ugandan CDM project appear on www.unfccc.in Error! Hyperlink reference not valid.	www.unfccc.in Error! Hyperlink reference not valid. Final Report	Modalities for project management and disbursement of funds are implemented according to the agreement with MWE
Result 1: The capacity of the main stakeholders on CDM project formulation strengthened	CCD staff able to promote CDM in Uganda Public, private and civil society stakeholders engaged in identification of potential CDM projects and Public, private and civil society stakeholders engaged in drafting PINs, PDDs, ERPAs and	Project Progress report Evaluation reports Meeting minutes Interviews	Approval by the top and senior management of the MoWE to conduct the activities required Availability and interest and willingness by MoWE top managers and assigned staff to participate and cooperate

TFF CDM (UGA09 021 11) Definitive version after SC 12/10/2010

<p>Result 2: Accessibility and quality of information on CDM possibilities and procedures in Uganda improved</p>	<p>Web site established with uptime above 90% Staff able to design, update and maintain a website Satisfaction of users Website used (number of hits) Interested stakeholders use website to communicate Website positively evaluated during ATR</p>	<p>Website established including:</p> <ul style="list-style-type: none"> • 2nd national communication • Eligibility criteria for LON • Eligibility criteria for LOA • Procedures for application of LON/LOA • Report on screening of Uganda for potential CDM projects <p>Evaluation report Progress reports</p>	<p>Availability of website in continuously operation for the MWE. Access to needed information to be included in the website. Cooperation from IT staff of MWE concerning establishment of a DNA part of the website Cooperation from CCD staff of MWE concerning establishment of a DNA part of the website</p>
<p>Result 3: The process for registration by the EB CDM of Ugandan CDM projects has been supported</p>	<p>A number of potential CDM projects in Uganda identified Number of PINs, PDDs, ERPA on CDM projects supported Number of CDM projects registered Number of ERPA signed with buyers Number of monitoring reports verified by Designated Operational Entities Number of Certified Emission Reductions (CER) issued</p>	<p>Project Progress reports Evaluation reports Minutes of meetings PINs submitted for issuing of LoN LON issued by DNA PDDs submitted for LOA LOA issued by DNA PDD submitted for validation Validation reports available ERPAs signed with buyers Registration by EB CDM and projects are listed in UNFCCC website for registered CDM projects</p>	<p>Cooperation of CCD, UIA on project implementation when participating in the management of the project Physical availability of CDM potential in Uganda Financing available for CDM project implementation Successful tendering of international consultants for PDD etc. writing and project validation</p>

TFF CDM (UGA 09 021 11) Definitive version after SC 12/10/2010

N°	Activities	Means	Costs (Euro)
Result 1: The capacity of the main stakeholders on CDM project formulation strengthened	<p>1. Support capacity building on all stages of the CDM project cycle in the CCD, UIA, financial institutions and at project proponents and Ugandan CDM consultants through contracting of business oriented, managerial/financial ITA.</p> <p>2. Support program management and all stages of CDM project development through own and ST inputs as well as managing other consultancy services provided by the project.</p> <p>3. Create de facto CDM "School" through capacity development of Ugandan experts to be involved in drafting of PINs and PDDs and participating in ERPA negotiations and a potential for expanding activities to other EA countries as potential market.</p> <p>4. Include monitoring capacity development for existing and new CDM projects in Uganda to increase CER value and enhance subsidy basis for developed experts over beyond PDD writing and create confidence among buyers that monitoring will be according to requirements.</p>	<p>International and national consultants CCD Staff UIA Staff Ugandan consultants/academia Transport Stationeries</p>	

TFF CDM (UGA 09 021 11) Definitive version after SC 12/10/2010

<p>Result 2: Accessibility and quality of information on CDM possibilities and procedures in Uganda improved</p>	<ol style="list-style-type: none"> 1. Establish Website on the Designated National Authority as a sub page of the website of the Ministry of Water and Environment with state-of-the-art front page and links. 2. Describe and upload information on national institutional setup, procedures and eligibility criteria for issuing of Letters of No Objection and Letters of Approval to inform buyers and project developers hereof. 3. Uploading 2.nd National Communication of Uganda to the UNFCCC on emissions of greenhouse gases to supplement the present communication, which is based on figures from 1993/96 when it is available from the ongoing UNEP-GEF project on this issue. 4. Uploading of screening report on CDM potential in Uganda 5. Uploading of latest Grid Emission Factor for the Ugandan National 	<p>International and national consultants CCD Staff UIA Staff Transport 4 years hosting fee for website of MWE Stationaries Carbon Expo etc.: Travel, accommodation, entrance fees, exhibition fees etc.</p>	
<p>Result 3: The process for registration by the EB CDM of Ugandan CDM projects has been supported</p>	<ol style="list-style-type: none"> 1. Screening Report on CDM potential in Uganda incl. list of project proponents with name, address, telephone number, resume of contacts made of at least 50+ potential CDM projects deemed financially viable and totalling not less than yearly total of 500.000 tons CO₂-e, or document that this is not possible using existing methodologies,(excl. AF, but incl. PoA) 2. Update existing national grid emissions factor for the Ugandan national grid 3. Establish funding mechanism for CDM project support (capacity issues, all stages of transaction + other capacity) 4. Funding of all steps of CDM project development (PIN, PDD; validation; support to ERPA negotiations and monitoring). validation; support to ERPA negotiations and monitoring). 5. Relevant financial institutions trained in understanding how they can contribute to making a potential CDM project bankable. 	<p>International and national consultants CCD Staff UIA Staff MEMD Ugandan consultants/academia Project proponents Financial Institutions Transport Stationeries Funding of CDM project development</p>	

TFF CDM (UGA 09 021 11) Definitive version after SC 12/10/2010

	Logical of the intervention	Indicators	Sources of verification	Hypotheses
GO	Overall Objective: “To enable Uganda to benefit from the mechanisms for mitigation of Climate	Final Report approved by Steering Committee	Final Report	Registration regime for CDM projects at CDM EB is in place also after 2012.
SO	Specific Objective: To strengthen technical capacity on CDM project formulation and create awareness of investment opportunities under the CDM among governmental	A number of Ugandan CDM projects appear on www.unfccc.in Hyperlink reference not valid.	www.unfccc.in Error! Hyperlink reference not valid. Final Report	Modalities for project management and disbursement of funds are implemented according to the agreement with MWE
R 1	Result 1: The capacity of the main stakeholders on CDM project formulation strengthened	CCD staff able to promote CDM in Uganda Public, private and civil society stakeholders engaged in identification of potential CDM projects and Public, private and civil society stakeholders engaged in drafting PINs,	Project Progress report Evaluation reports Meeting minutes Interviews	Approval by the top and senior management of the MoWE to conduct the activities required Availability and interest and willingness by MoWE top managers and assigned staff to participate and cooperate Availability of adequate office facilities
R 2	Result 2: Accessibility and quality of information on CDM possibilities and procedures in Uganda improved	Web site established with uptime above 90% Staff able to design, update and maintain a website Satisfaction of users Website used (number of hits) Interested stakeholders use website to communicate Website positively evaluated during ATR	Website established including o 2 nd national communication o Eligibility criteria for LON o Eligibility criteria for LOA o Procedures for application of LON/LOA o Report on screening of Uganda for potential CDM projects Evaluation report Progress reports	Availability of website in continuously operation for the MWE. Access to needed information to be included in the website. Cooperation from IT staff of MWE concerning establishment of a DNA part of the website Cooperation from CCD staff of MWE concerning establishment of a DNA part of the website

R 3	Result 3: The process for registration by the EB CDM of Ugandan CDM projects has been supported	Number of potential CDM projects in Uganda identified Number of PINs, PDDs, ERPAs on CDM projects supported Number of cdm projects registered Number of ERPAs signed with buyers Number of CDM projects financed by financial institutions Number of monitoring reports verified by Designated Operational Entities Number of Certified Emission Reductions (CER) issued	Project Progress reports Evaluation reports Minutes of meetings PINs submitted for issuing of LoN LON issued by DNA PDDs submitted for LOA LOA issued by DNA PDD submitted for validation Validation reports available ERPAs signed with buyers Registration by EB CDM and projects are listed in UNFCCC website for registered CDM projects	Cooperation of CCD, UIA on project implementation when participating in the management of the project Physical availability of CDM potential in Uganda Financing available for CDM project implementation Successful tendering of international consultants for PDD etc. writing and project validation
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TFF CDM (UGA09 021 11) Definitive version after SC 12/10/2010

	Activities to reach Result 1	Means	Belgian Contribution
R 1	Result 1: The capacity of the main stakeholders on CDM project formulation strengthened		Costs in Euros
A 1.1	Support capacity building on all stages of the CDM project cycle in the CCD, UIA and at project proponents and Ugandan CDM consultants through contracting of business oriented, managerial/financial TA.	International and national consultants CCD Staff UIA Staff Ugandan consultants/academia Transport Stationaries	837,856.00
A 1.2	Support program management and all stages of CDM project development through own and ST inputs as well as managing other consultancy services provided by the project.	International and national consultants CCD Staff UIA Staff Ugandan consultants/academia Transport Stationaries	0
A 1.3	Create de facto CDM "School" through cap. dev. of Ugandan experts to be involved in drafting of PINs and PDDs and participating in ERPA negotiations and a potential for expanding activities to other EA countries as potential market.	International and national consultants UIA Staff Ugandan consultants/academia Transport St International and national consultants	62,337.00
A 1.4	Include monitoring capacity development for existing and new CDM projects in Uganda to increase CER value and enhance subsidy basis for developed experts over beyond PDD writing and create confidence among buyers that monitoring will be according to requirements.	UIA Staff Ugandan consultants/academia Transport Stationaries ationaries	0

	Activities to reach Result 2	Means	Belgian Contribution
R 2	Result 2		Costs in Euros
A.2.1	Establish Website on the Designated National Authority as a sub page of the website of the Ministry of Water and Environment with state-of-the-art front page and links.	International and national consultants CCD Staff Stationaries	9,596.00
A.2.2	Describe and upload information on national institutional setup, procedures and eligibility criteria for issuing of Letters of No Objection and Letters of Approval to inform buyers and project developers hereof.	International and national consultants CCD Staff Stationaries	30,000.00
A.2.3	Uploading 2.nd National Communication of Uganda to the UNFCCC on emissions of greenhouse gases to supplement the present communication which is based on figures from 1993/96 when it is available from the ongoing UNEP-GEF project on this issue.	International and national consultants CCD Staff Stationaries	0
A.2.4	Uploading of screening report on CDM potential in Uganda	CCD Website	0
A.2.5	Uploading of latest Grid Emission Factor for the Ugandan National Power Grid	International and national consultants CCD Staff Stationaries	0
A.2.6	Support participation by project staff, CCD staff and IUA staff in Carbon expo and/or other international carbon market exhibitions/conferences with a national stand for Uganda	International and national consultants CCD Staff IUA Staff Transport Stationaries	95,531.00
A.2.7	Provision of Internet Services to CCD.	CCD	23,342.00

	Activities to reach Result 3	Means	Belgian Contribution
R 3	Result 3		Costs in Euros
A 3.1	1. Screening Report on CDM potential in Uganda incl. list of project proponents with name, address, telephone number, resume of contacts made of at least 50+ potential CDM projects deemed financially viable and totaling not less than yearly total of 500.000 tons CO ₂ -e, or document that this is not possible using existing methodologies,(excl. AF, but incl. PoA)	International and national consultants CCD Staff UIA Staff Transport Stationaries	0
A 3.2	2. Update existing national grid emissions factor for the Ugandan national grid	International and national consultants	36,330.00
A 3.3	3. Establish Funding mechanism for CDM Project Support	International Consultant	53,303.00
A 3.4	3. Funding of all steps of CDM project development (PIN, PDD; validation; support to ERPA negotiations and monitoring).	International and national consultants UIA Staff Ugandan consultants/academia Transport Stationaries	351,186.00
A 3.5	4. Developing Standardised Baselines		114,452.00

Complete Monitoring Matrix

Include the last (full) version of the monitoring matrix

Year of Reference		2011-2015																	
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start - end measurements	Officer collecting	Officer consolidating	Other	COMMENT
IMPACT: To enable Uganda to benefit from the Clean Development Mechanism of the Kyoto Protocol																			
Final project report assessing project achievements and extent to which Uganda has benefited from CDM as a result of the project	0	1 report demonstrating benefits from CDM	0		0	0	0	0	0	0	1	1	Final Project Report Results Report	Once at the end of the intervention.	Oct 2011 - Project End	BTC	BTC		
OUTCOME: To strengthen technical capacity on CDM project formulation and create awareness of investment opportunities under the CDM among governmental institutions, project developers, including financing institutions																			
6 additional Ugandan CDM project activities appear on the www.unfccc.int as registered CDM projects at the end of	0	6 additional registered projects at end of project	N/A	0	N/A	0	0	0	6	0 working progress -1 validation completed. 5 other validations		5 registered / included project activities. i.e. 3 NEMA CPAs, 1 CPA-UpEnergy, Whave &	www.unfccc.int as registered CDM projects	1/5years	Oct 2011 - Project End	Project Team	NTA		NEMA has had 3 CPAs included in its PoA; also Up-Energy CDM support has had its CPA included. NWSC was registered.

Year of Reference		2011-2015																			
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start - end measurements	Officer collecting	Officer consolidating	Other	COMMENT		
the Project										underway		NWSC registered									
CCD promotion capacity as illustrated on website	0	CCD promotion capacity as illustrated on website	N/A	0	N/A	Working progress	CCD promotional capacity improved	0	CCD promotional capacity improved	0 Working Progress	CCD promotional capacity as illustrated on the website	CCD promotional capacity improved	CCD website	1/5years	Oct 2011 - Project End	Project Team	NTA		The quality and quantity of information on the CCD website has improved a lot. However, further improvements are ongoing		
At least 6 National CDM consultants registered on CCD website and/ engaged in relevant professional activities at the end of the project	0	6 National CDM consultants trained and registered on CCD website	N/A	0	N/A	0	6	6	6	6	6 national consultants trained and registered on the CCD website.	5		1/5years	Oct 2011 - Project End	Project Team	NTA		5 consultants completed the entire course of the training but a total of 8 went through the CDM School.		
OUTPUT 1: The capacity of the main stakeholders of CDM in Uganda to formulate CDM projects and knowledge on project cycle and project finance, strengthened																					

Year of Reference		2011-2015																		
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start-end measurements	Officer collecting	Officer consolidating	Other	COMMENT	
<p>CCD to provide information on the following:</p> <ul style="list-style-type: none"> • CDM opportunities, • eligibility criteria for obtaining LNO and LoA • Sustainability criteria template • Information to assist CDM project development process e.g grid emission factor • Second National communication • Screening report on CDM opportunities 	CCD not engaged in promotion of CDM	CCD able to effectively promote CDM in Uganda	N/A	same as baseline	N/A	same as baseline	N/A	Minimal Progress	CCD providing all the necessary information	Most key information on CDM available on the website except for the Second National Communication, which is to be uploaded in January 2015.	CCD providing all the necessary information listed.	Most key information on CDM available on the website. All listed information is available on the CCD website.	<p>CCD website www.CCD.go.ug</p> <p>Quarterly Reports</p> <p>Annual Results Report</p>	1/5years	Oct 2011 - Project End	Project Team	NTA		<p>CCD is providing the following information on the website:</p> <ul style="list-style-type: none"> • LNO and LoA Eligibility criteria • Sustainability criteria template • Uganda Grid Emission Factor SBL • The screening report on the potential for CDM development • Report on funding sources available for clean-energy projects. 	

Year of Reference		2011-2015																		
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start - end measurements	Officer collecting	Officer consolidating	Other	COMMENT	
UIA able to provide adequate information and linkages to potential investors on carbon market opportunities.	Limited capacity within UIA to provide relevant information to potential carbon market investors.	UIA able to provide adequate information and linkages to potential investors on carbon market opportunities.	N/A	same as baseline	N/A	same as baseline		UIA capacity developed through training of CDM hub associates and supporting their participation in the carbon expo/ACF	UIA able to provide adequate information and linkages to potential investors on carbon market opportunities.	UIA in a better position and has sufficient capacity to provide the necessary information to investors, following the recruitment of a former CDM trainee as a CDM Technical Advisor.	UIA able to provide adequate information and linkages to potential investors on carbon market opportunities.	UIA in a better position and has sufficient capacity to provide the necessary information to investors, following the recruitment of a former CDM trainee as a CDM Technical Advisor and the project support an in-house training to UIA staff on Carbon finance opportunities.	UIA Annual Reports Information provided at International Carbon Expos	1/5years	Oct 2011 - Project End	Project Team	NTA		The current CDM Technical Advisor at the UIA is a former trainee of the CDM School and is knowledgeable enough to assist UIA to achieve this objective. This should help improve their capacity to adequately promote CDM and provide the relevant information to potential investors. Also a CDM capacity building workshops was held for the UIA staff.	

Year of Reference		2011-2015																		
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start - end measurements	Officer collecting	Officer consolidating	Other	COMMENT	
Other relevant institutional staff able to promote CDM in Uganda	Limited ability of various institutional staff to promote CDM in Uganda	Other relevant institutional staff able to promote CDM in Uganda	N/A	same as baseline	N/A	same as baseline		Institutions have capacity further built through workshop training to enable them better promote CDM in Uganda	Other relevant institutional staff able to promote CDM in Uganda	Institutions have capacity further built through workshop trainings to enable them better promote CDM in Uganda.	Other relevant institutional staff able to promote CDM in Uganda	Other relevant institutional staff able to promote CDM in Uganda	Results Report and quarterly reports Final project report	1/5years	Oct 2011 - Project End	Project Team	NTA		A budget line has been included to assist the building of CDM capacity of key institutions including CCD, UIA, MAAIF and NEMA. Further capacity building activities planned in 2015, mostly in form of workshops, tailored to the needs of the given stakeholder e.g UIA and NEMA.	
At least 6 Ugandan experts adequately trained in CDM project cycle	limited capacity within the Public	Public, private and civil society	N/A	0	N/A	0	6	8 experts trained. continued	6 Ugandan experts adequately trained	8 experts trained through working on projects	6 Ugandan experts with capacity and fully	8 experts trained through working on projects supported	CCD website www.CCD.go.ug	1/5years	Oct 2011 - Project End	Project Team	NTA		The trainees were trained in drafting of PINs. 14 PINs were completed. Each trainee	

Year of Reference		2011-2015																		
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start - end measurements	Officer collecting	Officer consolidating	Other	COMMENT	
including – ERPA negotiations, PDD/PIN writing and ERPA negotiations through theoretical training and involvement in support to beneficiary CDM projects (result 3)	private and civil society stakeholders in drafting PINs, PDDs, ERPAAs and monitoring reports	stakeholders have the capacity and are fully engaged in drafting PINs, PDDs, ERPAAs and monitoring reports						involvement in drafting of PINs, PDDs, ERPAAs	in CDM project cycle including – ERPA negotiations, PDD/PIN writing and ERPA negotiations through theoretical training	supported under the 1st, 2nd and 3rd Call for proposals.	engaged in drafting PINs, PDDs, ERPAAs and preparation of monitoring reports.	under the 1st, 2nd and 3rd Call for proposals.	Project Progress report and Annual Results Report							wrote at least 1 PIN. Also the trainees that left earlier before the end of their contracts were already trained in PIN writing. In addition the trainees were involved in PDD writing and received formal training in the preparation of ERPAAs and the key legal aspects of ERPA negotiations.
At least 5 training Courses (Workshops) for Ugandan CDM stakeholders	0	5	N/A	0	N/A	1 CDM training workshop held in	1	4	5	8	5 training courses	11 training courses conducted between 2012 and 2015	Quarterly Reports, Workshop Reports and	1/5years	Oct 2011 - Project End	Project Team	NTA		11 CDM training workshops for stakeholders were conducted between	

Year of Reference		2011-2015																		
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start - end measurements	Officer collecting	Officer consolidating	Other	COMMENT	
						2012,							Results / Annual Report							2012 and November 2015
Capacity building undertaken in diversity of sectors and at all stages of the CDM project cycle	No projects selected yet	Capacity building undertaken in diversity of sectors and at all stages of the CDM project cycle	N/A	0	N/A	0 Projects submitted for application fall under a number of sectors	Capacity building undertaken in diversity of sectors and at all stages of the CDM project cycle	The 8 projects supported under the Project cover a wide range of sectors.	Capacity building undertaken in diversity of sectors and at all stages of the CDM project cycle	The 10 projects supported (including 3 new ones under the 3rd call) under the Project cover a wide range of sectors.	Capacity building undertaken in diversity of sectors and at all stages of the CDM project cycle		Pipeline of projects being supported Quarterly reports and annual reports .	1/5years	Oct 2011 - Project End	Project Team	NTA		The supported projects, fall in the energy efficiency, waste (solid and wastewater), and agricultural efficiency sectors. Actual projects supported include: cookstoves, hydro (RE), water purification, wastewater & solid waste recovery/avoidance and methane avoidance from animal husbandry.	

Year of Reference		2011-2015																		
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start - end measurements	Officer collecting	Officer consolidating	Other	COMMENT	
At least 2 CDM Hub Associates trained in CDM project cycle and project development	0	2	2	0	2	0	2	5	2	5	2	7 CDM Associates trained.	Quarterly Progress reports and Annual Results Report Interviews with beneficiary projects	1/5years	Oct 2011 - Project End	Project Team	NTA		7 CDM Hub Associates underwent training as they worked on their supported projects. NEMA(2), NWSC (1), Whave (1) UECCC(1) UpENergy (1) Hydromax (1)	
OUTPUT 2: Improved availability and quality of key national information and tools for CDM project development in Uganda																				
A functional CCD website established, with at least 90% up time and with an increasing number of visits (hits).	CCD website in place but with limited usability and technical capability	Availability of a fully operational website; access to required information on the website	N/A	NIL	N/A	A new website launched and is up and running with a hit tracker	N/A	A fully functional website up and running, with further improvements in the	Availability of a fully operational website; access to required information on the website; CCD	A fully functional website up and running, with further improvements in the design planned in 2015.	Availability of a fully operational website; access to required information on the website; CCD IT staff trained	A fully functional CCD website is available. The number of visits has only increased marginally and some information needs updating.	Website usage statistical report by the website host. Annual Results and Progress reports	1/5years	Oct 2011 - Project End	Project Team	NTA		Hits monitored periodically in order to monitor the improvement in the website visits.	

Year of Reference		2011-2015																		
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start - end measurements	Officer collecting	Officer consolidating	Other	COMMENT	
		te; CCD IT staff trained on website maintenance.						design in 2013.	IT staff trained on website maintenance.		on website maintenance.		.							
Key information uploaded to CCD website including <ul style="list-style-type: none"> Screening report of potential projects in Uganda , LoA/LNO eligibility criteria. DNA sustainable development criteria Updated Grid Emission Factor for Uganda Procedures 	CCD and project staff unable to update or maintain the website	Information regarding operations of the DNA/ procedures and general information relevant for CDM project devel	N/A	NIL	N/A	nil	N/A	Some information available on the CCD website: LoA/LNO eligibility criteria. <ul style="list-style-type: none"> DNA sustainable development criteria Updated GEF for Uganda 	N/A	Some information already available on the CCD website: LoA/LNO eligibility criteria. <ul style="list-style-type: none"> DNA sustainable development criteria Updated GEF for Uganda 	Information regarding operations of the DNA/procedures and general information relevant for CDM project development, uploaded on the CCD website	Key Information has been uploaded on the website including all the listed information under the indicators.	CCD website www.CCD.go.ug and the relevant reports	1/5years	Oct 2011 - Project End	Project Team	NTA		There was improvement in the quality and quantity of information available on the CCD Website. Information includes: <ul style="list-style-type: none"> LoA/LNO eligibility criteria. DNA sustainable development criteria Approved SBL for the Grid Emission Factor for 	

Year of Reference		2011-2015																		
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start-end measurements	Officer collecting	Officer consolidating	Other	COMMENT	
for LoA/LNO application • Second National Communication • Standardized baselines developed		opment, uploaded on the CCD website						development criteria • Updated GEF for Uganda • Procedures for LoA/LNO application		Procedures for LoA/LNO application										Uganda • Procedures for LoA/LNO application • The screening report assessing the potential for CDM development was published on the website
Website actively used by CCD to link stakeholders and to promote CDM and other carbon finance alternatives	previous CCD website had no counter to establish number	A website with an embedded tool to establish the number of	N/A	NIL	N/A	nil	N/A	Website used to publicize upcoming events at CCD and withi	website tracker established	Website used to publicize upcoming events at CCD and within the sector	A website with an embedded tool to establish the number of clicks and increased traffic	The use of the website by CCD to link stakeholders and to promote CDM is still limited.	CCD website www.CCD.go.ug and promotional material contained on the	1/5years	Oct 2011 - Project End	Project Team	NTA		Website activity still limited	

Year of Reference		2011-2015																		
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start - end measurements	Officer collecting	Officer consolidating	Other	COMMENT	
	of visits	clicks and increased traffic to the CCD website						n the sector			to the CCD website		website.							
Interested stakeholders have a provision on the CCD website to communicate or make inquiries etc	no communication by the stakeholders via the CCD website	interested stakeholders are able to communicate through the website	N/A	NIL	N/A	A section included under the new website design 'contact us' where stakeholders can submit their queries or comments	N/A	Still limited communication through the website.	interested stakeholders are able to communicate through the website	Still limited communication through the website.	Interested stakeholders are able to communicate through the website	Interested stakeholders are able to communicate through the website	CCD website www.CCD.go.ug with a provision for users to provide feedback	1/5years	Oct 2011 - Project End	Project Team	NTA		Facility provided but communication through the website is still very limited.	

Year of Reference		2011-2015																		
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start - end measurements	Officer collecting	Officer consolidating	Other	COMMENT	
Support project staff, CCD staff and UIA staff in Carbon Expo and/or other international carbon market exhibitions/conferences	ineffective representation of Uganda at the carbon expo or other carbon market conferences - some lack a national standard for Uganda	Uganda through CCD and UIA, with support from the Project, effectively represented at international carbon market conferences or exhibitions	N/A		N/A	0 No support provided	N/A	Done. CCD, UIA and project staff supported to attend the African Carbon Forum and the Carbon Expo 2013.	CCD and UIA plus project team supported to attend International Carbon Expos	Done. CCD, UIA and project staff supported to attend the African Carbon Forum, the Carbon Expo and the COP in 2014.	Uganda through CCD and UIA, with support from the Project, effectively represented at international carbon market conferences or exhibitions	CCD, NEMA, UIA & other stakeholders plus project team supported to attend International Carbon Expos	Post-Mission reports by supported participants Annual Results Report and Quarterly Progress Reports	1/5years	Oct 2011 - Project End	Project Team	NTA			Support activities executed in 2013-2015.

Year of Reference		2011-2015																		
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start - end measurements	Officer collecting	Officer consolidating	Other	COMMENT	
OUTPUT 3: A supported process for the development of Ugandan CDM projects and their registration with the CDM Executive Board.																				
At least 8 potential CDM projects in Uganda supported by the project, involving consultants of the "CDM school" working on different stages of CDM project development, all the way to registration and ERPA negotiation stages. The supported projects should be at various stages of development.	0	8	N/A	0	N/A	3	N/A	8	8	7	8	12	Quarterly Progress Reports and Annual Results Report	1/5years	Oct 2011 - Project End	Project Team	NTA		<ul style="list-style-type: none"> • KJS ltd (PIN) • MoICT (PIN) • Eco Stoves (PIN) • NWSC (registration) • Whave (registration of POA +1st CPA) • Nutrimix (for methodology development and registration) • NEMA (inclusion) • UpEnergy CDM (inclusion) • UpEnergy GS verification) • Hydromax (verification) • UCB (post- 	

Year of Reference		2011-2015																		
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start - end measurements	Officer collecting	Officer consolidating	Other	COMMENT	
																				registration change) • NEMA composting PoA (2 nd verification)
Number of PINs developed	0	20	N/A	0	N/A	6	N/A	14	20	14	20	14	Quarterly Progress Reports and Annual Results Report Actual PINs developed	1/5years	Oct 2011 - Project End	Project Team	NTA		Similarly, the baseline was restricted to those project PINs developed under the Project, hence set at zero. By the end of 2013, 14 PINs or Quick Assessments (QAs) were prepared.	
Number of PDDs developed	0	6 (5,1PoA)	N/A	0	N/A	0	N/A	5	6	7	6	7 (3PoA-DDs, 6-CPA-DDs, 1PDD)	Quarterly Progress Reports and Annual Results Report Actual	1/5years	Oct 2011 - Project End	Project Team	NTA		7 PDDs were developed including 1 PDD for NWSC project for validation, 3 CPA_DDs for the NEMA project sites	

Year of Reference		2011-2015																		
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start-end measurements	Officer collecting	Officer consolidating	Other	COMMENT	
													PDDs							for inclusion into the PoA and 1 PoA_DD for Whave together with its CPA_DD for validation, 1PoA-DD and 1 CPA-DDs for the Nutrimix PoA, with the PDD and CPA-DD for UECCC which was stopped.
Number of ERPAs signed or negotiations supported for project developers and potential buyers.	0	6	N/A	0	N/A	0	N/A	0	6	0	6	1 (for the NEMA composting PoA)	Progress and Annual Results Report ERPAs signed	1/5years	Oct 2011 - Project End	Project Team	NTA		Due to the erosion of the CER prices on the carbon market, currently averaging at € 0.5, and less than € 1 for the whole of 2013, ERPAs were not attractive venture. This	

Year of Reference		2011-2015																		
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start-end measurements	Officer collecting	Officer consolidating	Other	COMMENT	
																				is mostly because the negotiated price for an ERPA is normally a fraction of the going CER market price at the time of signing the ERPA. However, a manual was produced on CER commercialization to help Project proponents identify premium CER buyers, which is considered more beneficial given the current market conditions.

Year of Reference		2011-2015																		
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start - end measurements	Officer collecting	Officer consolidating	Other	COMMENT	
Number of CDM project activities validated or Included	0	6	N/A	0	N/A	0	N/A	0	6	0 work in progress	6	7 4CPAs so far included (3 NEMA & 1 Up Energy and 3 validation s	Progress and Annual Results Report UNFC CC website	1/5years	Oct 2011 - Project End	Project Team	NTA		4 CPAs so far included (3 NEMA & 1 Up Energy (CDM) and 3 validations(Whave, NWSC and Nutrimix) .	
Projects Supported in monitoring, including at least 1 PoA	0	2	N/A	0	N/A	0	N/A	1	2	1	2		Progress and Annual Results Report Supported Projects	1/5years	Oct 2011 - Project End	Project Team	NTA		2 PoAs supported- NEMA and UpEnergy (CDM).	
Number of projects that have received financial advisory services from the project	0	2	N/A	0	N/A	0	2	2	2	2	2	2	Progress and Annual Results Report Supported Projects	1/5years	Oct 2011 - Project End	Project Team	NTA		2 projects received financial advisory services: Nutrimix and Eco-Group Ltd. These services were only provided at the request of the projects.	

Year of Reference		2011-2015																		
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start - end measurements	Officer collecting	Officer consolidating	Other	COMMENT	
Updated national Grid Emission Factor (GEF) for Uganda electricity grid		Updated GEF for Uganda	N/A		N/A	Updated Uganda National Grid Emission Factor	N/A	Completed GEF update	Completed GEF update	Completed GEF update in 2013	N/A	N/A	GEF Report Progress reports www.CD.go.ug	1/5years	Oct 2011 - Project End	Project Team	NTA		The update of the Uganda GEF and its Validation were completed in Q4 2013.	
Standardized baselines developed for at least 2 sub sectors	0	Uganda DNA supported in the Development of at least 2 Standardised baselines	N/A	0	N/A	0 Progress	N/A	First SB for the Uganda Grid Emission Factor submitted to the CDM EB for registration.	2	Standardised Baseline for the Uganda power Grid approved in October 2014.	2 Uganda DNA supported in the Development of at least 2 Standardised baselines	1 SBL approved for the Grid Emission Factor of Uganda. 2 methane recovery SBLs for the wastewater sector have been submitted to the EB for approval in December 2015	UNFCCC website to see approved SBLs and status of submitted ones Final SBL reports Progress reports www.CD.go.ug	1/5years	Oct 2011 - Project End	Project Team	NTA		GEF SBL was approved by the EB in 2014 and published on the UNFCCC website: The methane recovery from waste water SBL tender have been submitted for approval in December 2015. DNA Awaiting comments from the EB.	

Year of Reference		2011-2015																		
Results / Indicators	Base value	Final target value	Tvalue Year 1	Vachieved Year 1 (2011)	Tvalue Year 2	Vachieved Year 2 (2012)	Tvalue Year 3	Vachieved Year 3 (2013)	Tvalue Year 4	Vachieved Year 4 (2014)	Vtarget final (2015)	Vachieved final (2015)	Source of verification	Frequency of collecting	Start - end measurements	Officer collecting	Officer consolidating	Other	COMMENT	
Development of a funding mechanism for CDM project support. (Identification of Funding sources for clean-tech projects)	0	Funding sources for clean-tech projects and CDM projects identified.	N/A		N/A	0	N/A	No progress. Planned for 2014	Tender awarded in first week of October	Execution started in Q4 2014 and is nearing completion by the end of Q4 2014.	Tender under execution	final report submitted in Jan 2015 and a was conducted in May 2015	Final report by the consultant, Workshop Report, Progress Reports and Annual Reports	1/5years	Oct 2011 - Project End	Project Team	NTA		Tender was executed and a dissemination workshop held in May 2015.	

Tools and products

In this annex, mention any material on the effects of the intervention or any experiences gained with the application of specific methods or tools .

- (Scientific)Publications
- Capitalization reports
- Audio-visual material
- Other resources
- M&E approach/system
- Methods