



Food and Agriculture Organization
of the United Nations

FUNDING PROPOSAL TO THE GREEN CLIMATE FUND

Ouémé Basin Climate-Resilience Initiative (OCRI) Benin

ANNEX 5

IMPLEMENTATION TIMETABLE

IMPLEMENTATION TIMELINE OCRI

[illegible]

	MILSTONE	ALL WATERWORKS ARE BUILT BY PROJECT Y 5					
	Achievements	<ul style="list-style-type: none"> - 1 surface water collection structures built - 1 surface water collection structures rehabilitated - 34 ha of irrigated plots - 5 water sources protection developed - 4 artesian boreholes built 	<ul style="list-style-type: none"> - 6 surface water collection structures built - 4 surface water collection structures rehabilitated - 136 ha of irrigated plots - 15 water sources protection developed - 17 artesian boreholes built 	<ul style="list-style-type: none"> - 9 surface water collection structures built - 6 surface water collection structures rehabilitated - 204 ha of irrigated plots - 20 water sources protection developed - 13 artesian boreholes built 	<ul style="list-style-type: none"> - 9 surface water collection structures built - 7 surface water collection structures rehabilitate d - 204 ha of irrigated plots - 10 water sources protection developed - 10 artesian boreholes built 	<ul style="list-style-type: none"> - 5 surface water collection structures built - 5 surface water collection structures rehabilitate d - 8 water sources protection developed - 102 ha of irrigated plots 	<p>In total:</p> <ul style="list-style-type: none"> - 30 new surface water collection structures are built: 8 in Copargo, 11 in Djougou; 8 in Glazoue; 2 in Zangnanad o; 1 in Zogbodome - 23 surface water collection structures are rehabilitated : 5 in Copargo, 7 in Djougou; 10 in Glazoue; 1 in Zangnanad o - 680ha of irrigated plots are established: 200 ha in Copargo, 170 ha in Djougou; 160 ha in Glazoue; 25 ha in Zangnanad o; 125 ha in Zogbodome - 58 water sources are protected: 2 in Copargo; 14 in Zangnanad o; 42 in Zogbodome - 44 artesian

										boreholes are built
Beneficiaries	These achievements will benefit 330,000 direct beneficiaries (farmers) from OCRI located in the five target communes; as well as 547,459 indirect beneficiaries living in the Oueme Basin and becoming less vulnerable to floods and droughts.									
1.1.2 Strengthen degraded river banks and restore land with tree (target of 5,000 ha with OCRI and 4,000 ha with MAEP)	1.1.2.1 Conduct detailed biodiversity analysis in Upper and Middle Ouémé to identify site specific locally-relevant and resilient tree species- conduct technical and hydrological studies to identify best site for the micro-dams IMPLEMENTATION: MCVDD		x	x						
	1.1.2.2 Set up 5 community tree nurseries and provide technical support to produce high-quality seedlings IMPLEMENTATION: MCVDD			x	x	x				
	1.1.2.3 Plant 5,000 ha of trees along degraded river banks and fields IMPLEMENTATION: MCVDD			x	x	x	x	x	x	
	1.1.2.4 Plant additional 4,000ha of trees in Glazoué, Zagnando and Zogbodomey IMPLEMENTATION: MAEP	x	x	x	x	x				
	1.1.2.5 FAO provides Technical support to produce high-quality tree seedlings to enhance rural community resilience to climate change. IMPLEMENTATION: FAO	x	x	x	x	x	x	x	x	x
	MILESTONES	9,000 ha of degraded river beds and fields are restored at Y5, which reduces flood risks and erosion								
	Achievements					- biodiversity analysis finalised to inform reforestation and waterworks	- 2 nurseries built - 1,500 ha of degraded land restored by OCRI	- 1,500 ha of degraded land	- 500 ha of degraded land	A total of 9,000 ha of degraded land are

						- 3 nurseries built - 1,500 ha of degraded land restored by OCRI - 1,200 ha of degraded land restored by MAEP	- 2,800 ha of degraded land restored by MAEP	restored by OCRI	restored by OCRI	reforested including: 1,500ha in Copargo; 1,750ha in Djougou; 300ha (OCRI) and 680ha (MAEP) in Glazoue; 600ha (OCRI) and 1,360 (MAEP) in Zagnanado; and 850ha (OCRI) and 1,960ha (MAEP) in Zogbodome
Beneficiaries	These achievements will benefit 330,000 direct beneficiaries (farmers) from OCRI located in the five target communes; as well as 547,459 indirect beneficiaries living in the Oueme Basin and becoming less vulnerable to floods and droughts.									
Output 1.2: 25,250 farmers capacitated to implement climate resilient agriculture, agro-forestry and sustainable land management over 95,000 ha										
1.2.1 Train 15 Master Trainers and Facilitators (women and men)	1.2.1.1 Develop training courses IMPLEMENTATION: FAO	X	X	x						
	1.2.1.2 Select 15 Master trainers to train and capacity/ skills assessment IMPLEMENTATION: FAO		x	x	x					
	1.2.1.3 Implement 4 x 1-week training sessions IMPLEMENTATION: FAO		x	x	x	x				
	Achievements			- training course for Master Trainers developed		- 15 Master trainers refreshed				
1.2.2. Training of 250 Facilitators (at least 40% women)	1.2.2.1 Develop training curriculum and modules on CRA; agroforestry; sustainable land management (with focus on river banks) IMPLEMENTATION: FAO			X	X					

	1.2.2.2 Organise 10 training of facilitators sessions of a 5-month duration, to accommodate 25 facilitators per session (for a total of 250 facilitators trained) IMPLEMENTATION: FAO			X	X	X				
	MILSTONES	250 FACILITATORS ARE TRAINED								
	Achievements				- training modules developed - 125 facilitators trained		250 facilitators are trained and ready to train additional farmers in FFS			
1.2.3 Implement CRA, including agroforestry, to enhance agricultural productivity under climate change and reduce emissions.	1.2.3.1 Set up 650 FFS and training beneficiaries in areas not covered by MEAP; or beyond the MAEP project period. Each FFS will include 20 training sessions and involve 25 farmers (at least 40% women) IMPLEMENTATION: FAO			X	X					
	1.2.3.2 Technical support, coaching and supervision to the implementation of 650 FFS1 IMPLEMENTATION: FAO					X	X	X	X	X
	1.2.3.3 Provide training to additional farmers in Glazoué, Djougou, Zagnando and Zogbodomey IMPLEMENTATION: MAEP	X	X	X	X	X	X	X		
	MILESTONE	A total of 16,250 farmers are trained on CRA by OCRI and a total of 9,000 farmers are trained on CRA by IFAD								
	Achievements				- training modules for farmers on CRA developed	- 4,000 farmers trained by OCRI – spread equality among the 6 communes + 2,250 trained by MAEP (in Glazoué, Djougou,	- 4,000 farmers trained by OCRI + 2,250 trained by MAEP	- 4,125 farmers trained by OCRI + 2,250 trained by MAEP)	- 4,125 farmers trained by OCRI + 2,250 trained by MAEP	

						Zagnando and Zogbodomey)				
Beneficiaries	These achievements will benefit 16,250 direct beneficiaries (first cycle farmers) from OCRI located in the five target communes (spread equally between each commune) ; as well as 9,000 additional farmers located in Glazoué, Djougou, Zagnando and Zogbodomey (from IFAD).									
1.2.4 Increase access of adapted quality seeds and plant propagation material	1.2.4.1 Rehabilitate/build and operationalise 1 nursery per target municipality IMPLEMENTATION: MCVDD			X	X	X	X			
	1.2.4.2 Organise and support 1 seed producer group per municipality IMPLEMENTATION: MCVDD			X	X	X	X			
	1.2.4.3 Train technicians and farmers to collect, handle and dispatch shea seeds and to produce seedlings. IMPLEMENTATION: MCVDD			x	x	x	x	x		
	MILESTONE	1 seed nursery is operational in each commune								
	Achievements				- training module for seed producers developed - 1 seed nursery in Copargo - 1 seed producer group - 15 communal nursery managers trained	- 1 seed nursery in Glazoue and 1 in Zangnanado - 2 seed producer groups - 15 communal nursery managers trained	- 1 seed nursery in Zogbodome and 1 in Zogbodome - 2 seed producer groups - 15 communal nursery managers trained			
Beneficiaries	These achievements will benefit 330,000 direct beneficiaries (farmers) from OCRI located in the five target communes with access to adapted seeds.									
Component 2: <u>Climate-resilient and gender-sensitive value chains, supporting farmers' livelihoods in the Upper and Middle Ouémé</u>										
Output 2.1: <u>Farmers and cooperatives' income stream diversified, enhanced, and secured in the face of climate change</u>										
2.1.1 Increase income of 5,000	2.1.1.1 Train 2,500 farmers organized in					x	x	x	x	

farmers through training on business and marketing techniques and equipment using FOA farm business schools (FBS) methodology (100 FBS from OCRI and 100 from MAEP)	agribusinesses and cooperatives – including 33% women. Each FBS will include 20 training sessions and involve 25 farmers. IMPLEMENTATION: FAO									
	2.1.1.2 FBS coached and supervised: coaching, reporting, monitoring & evaluation process, by a group of local focal points (FBS experts); 1 month per FFS, funded by the FBS funder2 IMPLEMENTATION: FAO					x	x	x	x	x
	2.1.1.3 Provide at least 15 small processing/ packaging/ storing units to cooperatives IMPLEMENTATION: FAO					x	x	x	x	
	2.1.1.4 Train and equip additional cooperatives for postharvest, processing, storing and sale of agriproducts in Glazoue, Zogbodomey, Djougou and Zagnanado (IFAD USD 978,440) IMPLEMENTATION: MAEP	x	x	x	x	x	x	x		
	MILESTONE	5,000 farmers are trained and equipped to process and sell key VC products with added-value price								
	Achievements					- training module designed - 2,500 farmers trained by FAO + 2,500 farmers trained by MAEP in FBS - 5 small processing/ packaging/ storing units are distributed to cooperatives	- 1,000 farmers trained in FBS (spread equally between the 5 communes) + 1,000 farmers trained by MAEP in Glazoué, Djougou, Zagnando and Zogbodomey. - 5 small processing/ packaging/ storing units are distributed to cooperatives	- 1,000 farmers trained in FBS + 1,000 farmers trained by MAEP - 3 small processing/ packaging/ storing units are distributed	- 500 farmers trained in FBS + 500 farmers trained by MAEP - 2 small processing/ packaging/ storing units are distributed to	- xxx farmers trained in FBS

assessment and/or monitoring Instruments for Resilience (FarmTree Tool) .	2.1.3.2 Equip them and train facilitators through 1 x 5 day training session in Cotonou IMPLEMENTATION: FAO					x	x	x		
	Achievements	- training module developed - 10 facilitators and 20 CC experts are selected				- 20 CC expert from MCVDD and MAEP are trained and equipped to use FarmTree App				
Beneficiaries	These achievements will benefit 20 expert staff from MAEP and MCVDD									
Output 2.2: Private sector incentivized to invest in climate resilient agriculture and resilient management techniques in Ouémé Basin										
2.2.1 Disseminate information products packaged for private sector, and organise field visits to demonstrate the socio-economic benefits of waterworks, CRA and agroforestry	2.2.1.1 Develop information products packaged for private stakeholders and finance institutions IMPLEMENTATION: FAO						x	x	x	x
	2.2.1.2 Disseminate financial products via the OCRI platform, flyers and booklets distributed, etc. IMPLEMENTATION: FAO						x	x	x	x
	2.2.1.3 Field visit in each project municipality for private stakeholders (including MFI, wholesaler, export companies, etc.) to showcase the benefits of project activities IMPLEMENTATION: FAO								x	x
	Achievements						- flyer and manuals showcasing the project impacts are developed		- stakeholders in the private sector are aware of the project's benefits	
Beneficiaries	These achievements will benefit stakeholders in the private sector									
2.2.2 Organise municipal forums to connect women and men farmers and small businesses to	2.2.2.1 Further Identify relevant buyers in each municipal to invite to the forums IMPLEMENTATION: MCVDD					x	x			

local and regional buyers	2.2.2.2 Liaise with the GoB and municipal authorities to provide support to the forums and to facilitate trade agreements between men and women farmers and buyers IMPLEMENTATION: MCVDD					x	x	x	x	x
	2.2.2.3 Organize bi-annual forums						x	x	x	x
	2.2.2.4 Ensure partnerships between farmers, processing companies and buyers in Glazoue, Zogbodomey and Zagnanado IMPLEMENTATION: MCVDD	x	x	x	x	x	x	x		
	Achievements					- 1 forum to link farmers with buyers in key VCs	- 1 forum to link farmers with buyers in key VCs	- 1 forum to link farmers with buyers in key VCs	- 1 forum to link farmers with buyers in key VCs	- 1 forum to link farmers with buyers in key VCs
Beneficiaries	These achievements will benefit farmers and agro-products buyers in the 5 target communes									
Component 3 : An enabling institutional and financial environment established to promote and upscale low carbon climate-resilient land and water management in Benin's Basins										
Output 3.1: <u>OCRI project institutionalised through a multi-stakeholder platform, regulatory frameworks and capacity building</u>										
3.1.1 Establish and activate the OCRI platform ensuring adequate and meaningful participation of women and women's organizations at local and national level	3.1.1.1 Further Identify relevant stakeholders to participate on the platform, including their roles and responsibilities IMPLEMENTATION: FAO			x	x	x				
	3.1.1.2 Design the platform operational strategy and multi-stakeholder coordination mechanism IMPLEMENTATION: FAO			x	x	x				
	3.1.1.3 Design the platform's financial and communication strategies – including an online portal to be hosted by MCVDD					x				

	IMPLEMENTATION: FAO									
	3.1.1.4 Disseminate all training modules, knowledge products, and project's lessons learnt and best practices on the platform's online portal IMPLEMENTATION: FAO					x	x	x	x	x
	3.1.1.5 Ensure government support to OCRI platform IMPLEMENTATION: MCVDD			x	x	x	x	x	x	x
	MILESTONE			THE OCRI PLATFORM IS FULLY OPERATIONAL WITH A LEGAL STATUS BY PROJECT'S END						
	Achievements					- participants to OCRI platform are identified - agreement signed by the participants - platform financial and communication strategy designed - OCRI training modules and knowledge products available on the platform	- OCRI training modules and knowledge products available on the platform	- OCRI training modules and knowledge products available on the platform	- OCRI training modules and knowledge products available on the platform	- OCRI training modules and knowledge products available on the platform
Beneficiaries	These achievements will benefit farmers, and public and private institutions in Benin who are engaged in the agricultural sector									
3.1.2 Implement regional and local climate-resilient development plans in the Oueme Basin to ensure long-term investment in ICRM	3.1.2.1 Organise participatory workshop to discuss options for strengthening the SDAGE IMPLEMENTATION: FAO					X	X			
	3.1.2.2 Revise the Oueme Management Plan with all relevant stakeholders and validate through a workshop IMPLEMENTATION: FAO						X			
	3.1.2.3 Organise 1x5-day training sessions on ICRM targeting extension officers and OBA staff members						X	X		

	IMPLEMENTATION: FAO									
	Achievements						- 1 training workshop organised - training modules developed - 10 extension officers, and 20 officers from MAEP and MCVDD trained on M&E techniques	- 1 mid-term evaluation report completed		- 1 final evaluation report completed - 1 detailed project impact assessment study
Beneficiaries	These achievements will benefit directly 10 extension officers in the Oueme Basin and 20 staff members of MAEP and MCVDD									
Output 3.2: <u>Strengthened FNEC's capacity to ensure continuous support to climate-resilient farming in the Oueme Basin</u>										
3.2.1 Develop a robust financial strategy for FNEC	3.2.1.1 Review FNEC's existing financial strategy and identify gaps and opportunities to expand it IMPLEMENTATION: FAO			x	x	x				
	3.2.1.2 Organise consultations with FNEC and MCVDD to discuss best options for increasing FNEC's resources IMPLEMENTATION: FAO				x	x				
	3.2.1.3 Organise validation workshop with GoB to validate the financial strategy IMPLEMENTATION: FAO						x			
	3.2.1.4 Through consultation with FNEC, identify relevant criteria to facilitate the selection of relevant climate change adaptation projects to be financed through FNEC's resources IMPLEMENTATION: FAO						x			
	MILESTONE	FNEC HAS A ROBUST FINANCIAL STRATEGY TO SUPPORT CLIMATE CHANGE ADAPTATION INTERVENTIONS IN BENIN								
	Achievements					- report that identify gaps and pathways for improvements within FNEC's financial strategy	- validation workshop to formally adopt FNEC's financial strategy and project selection criteria			

						- workshop/ consultations with FNEC organised				
Beneficiaries	These achievements will benefit directly FNEC									
3.2.2 Build FNEC's capacity to design, select, implement and monitor climate change-related projects ensuring financial access for both women and men	3.2.2.1 Conduct a detailed assessment of FNEC's capacity to design, implement and monitor climate change-related projects IMPLEMENTATION: FAO				x	x				
	3.2.2.2 Design training modules and train 5 members of FNEC (2x1-week training) IMPLEMENTATION: FAO				x	x				
	3.2.2.3 Provide regular support to FNEC to design a bankable climate change project to submit to the AF or GCF IMPLEMENTATION: FAO					x	x	x	x	
	MILESTONE	ONE FULLY-FLEDGED PROJECT PROPOSAL SUBMITTED TO AN INTERNATIONAL CLIMATE CHANGE FUND								
	Achievements					- training modules designed - training workshop organised - 5 staff members of FNEC trained			- FNEC submit an adaptation projects to an international fund	
Beneficiaries	These achievements will benefit directly FNEC's staff members									
3.2.3 Provide finance to 3 micro-projects that contribute to climate change adaptation and ecosystem restoration in the Oueme Basin (FNEC financed)	3.2.3.1 Open call for proposal IMPLEMENTATION: FNEC						x	x	x	x
	3.2.3.2 Review received projects and select, contract and finance the successful ones IMPLEMENTATION: FNEC						x	x	x	x
	MILESTONE	3 MICRO-PROJECTS SUPPORTING ICRM IN THE OUEME BASIN ARE FINANCED BY FNEC								
	Achievements									- 3 micro projects submitted

										by local entities or cooperatives are financed by FENC and implemented
Beneficiaries	These achievements will benefit directly 3 local entities or cooperatives; and indirectly the whole population of the Oueme Basin, which climate change vulnerability will decrease									
Output 3.3: <u>Awareness of ICRM in basins' benefits raised among farmers and public and private institutions</u>										
3.3.1 Organise knowledge dissemination events and products on OCRI including gender mainstreaming	3.3.1.1 Organize 5 field visits for 100 farmers per municipality (5), living in neighbouring communities that did not directly benefited the project IMPLEMENTATION: FAO								x	x
	3.3.1.2 Organise 1 x 1-week visit for representatives of Benin's other basins IMPLEMENTATION: FAO									x
	3.3.1.3 Synergise with SAP project to train 10 radio broadcasters to disseminate climate change related information and organize radio broadcast with local radio in each municipality IMPLEMENTATION: FAO					x	x	x	x	x
	3.3.1.4 Develop and package knowledge products on the projects, according to the needs of each targeted group IMPLEMENTATION: FAO					x	x	x	x	x
	3.3.1.5 Organise sensitization campaigns on CC in Glazoue and Djougou IMPLEMENTATION: FNEC					x	x	x		

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