

Responsibility for M&E Reporting	R-PP Results Framework						R-PP Performance Measurement Framework			Reporting			
	R-PP Results Level	R-PP Results	Indicator	Baseline (2009)	Target by 10/2015	Assumptions	Method / Source of Verification	Frequency of data collection	Traffic Lights	[Reporting Period]	[Reporting Period]	[Reporting Period]	[Reporting Period]
CCU	Intermediate Impact 1	Improved forest governance in support of Sustainable Forest Management	I.1.1 Degree to which decision making processes related to emission reductions and forest resource management allow for active multi-stakeholder participation (FCPF 1.5.A)	No emissions reductions decision-processes	Improved active multi-stakeholder participation; based on gender and social inclusion	GoG maintains commitment for REDD+	REDD+ stakeholder meeting minutes	Semi-annual					
CCU, NREG Coordination, CPME			I.1.2 Number of policy reforms initiated, completed or underway complying to REDD+ standards (FCPF 1.5.B) (Review / Revision / Formulation / Execution, Cross sectoral policies, Policies Linkages with REDD+)	Policy reforms required to cover at least six key policy gaps	6 policy reform actions: 1. Plantation strategy, 2. Forest Development Master Plan, 3. National Climate Change Policy, 4. Forest and Wildlife policy, 5. Tree tenure policy under ENRAC technical assistance by World Bank, 6. Benefit sharing policy). Law enforcement and other aspects of forest governance handled under VPA. (NOTE: The land use policy is being developed by the Lands Commission - but not an activity under the R-PP)	Continuing interest of international community in REDD+	FC and other government websites with policies posted; Consultation reports and draft documents	Semi-annual					
CPME			I.1.3 FC employee satisfaction	TBD	To be updated by CPME for 2014-2017		Forestry Commission Human Resources	Annual					
FIP Secretariat in MLNR			I.1.4 Conservation of natural forests through integrated land use planning	TBD	TBD by FIP		FSD	Annual					
FIP Secretariat in MLNR			I.1.5 Evidence that laws and regulations are enforced in the HFZ	TBD	TBD by FIP		FSD	Annual					
FIP Secretariat in MLNR			I.1.5 Decline in illegal logging	TBD	TBD by FIP		FSD	Annual					
FIP Secretariat in MLNR			I.1.6 Evidence of implication of the private sector in sustainable forest management and plantation	TBD	TBD by FIP		FSD	Annual					
FIP Secretariat in MLNR			I.1.7 Evidence that the legal framework (laws, regulations, guidelines) and implementation practices provide inclusive land tenure rights and land use systems and protect the rights of local communities (women and men)	TBD	TBD by FIP		FSD	Annual					
FIP Secretariat in MLNR			I.1.8 Evidence that land use plans and management models exists for the HFZ, and progress is made to secure the tenure and territorial rights to land and resources of forest-dependent stakeholders, including local and forest dependent communities	TBD	TBD by FIP		FSD	Annual					
CPME / NREG Coordination			I.1.9 Number of Integrated Management Plans (IMPs) (a) Developed (b) Reviewed (c) Implemented.	Old management plans	20 FR and 30 GSBA plans developed, 10 additional plans developed; 30 plans reviewed; 60 plans implemented (To be updated by CPME for 2014-2017. NREG Results Framework target is 3)		FSD	Annual					
CPME			I.1.10 Number of Non-Legally Binding Instrument (NLBI) workshops organized	4	3 (To be updated by CPME for 2014-2017)		WD	Annual					

NREG Coordination			I.1.11 Guidelines on conduct of consultations with non-state actors engaged in the forestry sector through a participatory process by TCC	No guidelines	Guidelines developed and adopted by TCC		Consultation guidelines available on government website	Annual							
CCU, FIP Secretariat in MLNR	Intermediate Impact 2	Reduced emissions from deforestation, forest degradation and from sequestration through selected demonstration activities	I.2.1 Number of tons of CO ₂ from emissions reduced and sequestered from REDD+ activities in Ghana (FCPF I.2.B)	o	TBD from MRV/Carbon registry - Don't have info from pilot projects yet, as they have yet to do their project design document (expected mid-2014). Long-term target estimated for ERP: 182.8 mtCO ₂ e by 2034 (from ER-PIN).		National carbon accounting registry.	Semi-annual							
CCU			I.2.2 Number of hectares of off-reserve forest included in REDD+ projects	o	-900 ha - TBD, Pilot projects haven't yet submitted their project design documents so can't give precise coverage until then.		REDD+/FIP pilot project design documents. Two are on-reserve, five in off-reserve areas. One is a globally significant BD area, and idea is to enhance protection of that area. Second one in reserve is a production reserve, intend to enhance the tree stocks through enrichment planting. All off-reserve areas are doing carbon stock enhancement - will be planting trees to enhance cover. FIP support, and also government of Switzerland.	Semi-annual							
CCU			I.2.3 Number of hectares of on-reserve forest included in REDD+ projects	o	XXXX ha, TBD		REDD+/FIP pilot project documents	Semi-annual							
CCU			I.2.4 Number of hectares of plantation forest included in REDD+ projects	o	o (by 2015, long-term target TBD in future, following national plantation strategy)		REDD+/FIP pilot project documents	Semi-annual							
CPME			I.2.5 Area of degraded forest reserve rehabilitated / restored	13,324 ha	500 ha/year (To be updated by CPME for 2014-2017)		FSD	Annual							
CPME, FIP Secretariat in MLNR			I.2.6 Area of Plantation (a) On-reserve (b) Off-reserve established	13,651 ha	10,000 ha/year (To be updated by CPME for 2014-2017)		FSD	Annual							
CPME			I.2.7 Volume of Plantation (a) On-reserve (b) Off-reserve harvested	On: 13426 m ³ Off: 42330 m ³	N/A (To be updated by CPME for 2014-2017)		FSD	Annual							
CPME			I.2.8 Area of existing plantation tended	53,196 ha	N/A (To be updated by CPME for 2014-2017)		FSD	Annual							
CPME			I.2.9 Area of Coppiced Plantation tended	1,451 ha	2,000 ha added/year (To be updated by CPME for 2014-2017)		FSD	Annual							
FIP Secretariat in MLNR			I.2.10 Change in deforestation rate in HFZ	TBD	TBD according to FIP		FSD	Annual							
FIP Secretariat in MLNR			I.2.11 Change in forest degradation rate in HFZ	TBD	TBD according to FIP		FSD	Annual							
CPME			I.2.12 Number of wildfire incidences recorded	N/A	30 (To be updated by CPME for 2014-2017)		RMSC	Annual							
CPME			I.2.13 Forest Condition score improved	3-4	3 (To be updated by CPME for 2014-2017)		RMSC	5 years							
CPME			I.2.14 Cost of environmental degradation as a ratio of GDP (lands and forest) assessed	10%	10% (To be updated by CPME for 2014-2017)		FC/EPA	5 years							
CCU	Intermediate Impact 3	Ghana enters into an international REDD+ funding modality	I.3.1 R-Package submitted to the FCPF for endorsement (FCPF I.4.A)	No R-Package	R-Package submitted by 11/2015		CCU	Semi-annual							
CCU			I.3.2 ERPA signed with the World Bank (FCPF 2.2.b)	No ERPA	ERPA signed by 3/2016		CCU	Semi-annual							
CCU			I.3.3 Amount of non-FCPF investments received for implementation of ER Programs (e.g. FIP, bilateral donors, private sector) (FCPF I.4.A)	o	\$28.4 million USD by 2015; \$34.45 million USD for 2016 and 2017 (as per ER-PIN Annex 1)		CCU	Semi-annual							
FIP Secretariat in MLNR			I.3.4 New investments in climate-smart cocoa and agriculture	N/A	TBD by FIP		FIP Secretariat	Annual							

FIP Secretariat in MLNR			I3.5 Leverage factor of FIP funding; \$ financing from other sources	0	At least 1:1 leveraging		FIP Secretariat	Annual						
FIP Secretariat in MLNR			I3.6 Scale up investments by private sector	TBD	TBD by FIP		FIP Secretariat	Annual						
CCU	Intermediate Impact 4	Equitable benefit sharing of REDD+ actually takes place	I.4.1 % of national carbon funds going to carbon right owners of different forest regimes conform to agreed shares (FCPC 2.C)	N/A	TBD after set up of MRV/benefit sharing scheme (expected mid-2014)		Records and notes of stakeholder meetings on proposed benefit sharing scheme	Semi-annual						
CCU			I.4.2 Implemented REDD+ activities conform with nationally defined benefit sharing standards	N/A	Pilot activities produce benefit sharing in alignment with nationally defined benefit sharing standards		Benefit sharing will be in place for pilot projects when they start-up.	Semi-annual						
CPME			I.4.3 Number of (a) Commercial (b) MTS Benefit Sharing Agreements signed	N/A	100 (30 commercial; 70 MTS) (To be updated by CPME for 2014-2017)		FSD	Annual						
NREG Coordination			I.4.4 Revenue forecasting model for forestry sector	No model	Model in-place and operational in Ministry of Finance, feeding into an overall model of revenue forecasting for NRM sector		Direct observation of Annual Budget Statement	Annual						
CPME	Intermediate Impact 5	Threats to forest biodiversity reduced	I.5.1 Number of Community Resource Management Areas (CREMAs) inaugurated	9	21 (To be updated by CPME for 2014-2017)		WD	Annual						
CPME			I.5.2 Total number of protected areas staff recorded	2349	Increase of 25% (To be updated by CPME for 2014-2017)		Forestry Commission Human Resources	Annual						
CPME			I.5.3 Strategies for bush meat consumption monitoring developed and implemented	No strategies	Bushmeat consumption monitoring strategies implemented (To be updated by CPME for 2014-2017)		WD	Annual						
CPME / NREG Coordination			I.5.4 Protected Areas Management Effectiveness Tracking Tool (METT) disaggregated scores and system-wide average score for national-level protected areas, including forest reserves	TBD	TBD following baseline assessment (To be updated by CPME for 2014-2017)		FSD / WD / WB / MESTI scoring	Annual						
CPME			I.5.5 Number of visitors to parks recorded	241,124	Increased of 25% (To be updated by CPME for 2014-2017)		WD	Annual						
R-PP Component 1: Organize and Consult														
R-PP Sub-component 1.a.: National Readiness Management Arrangements														
CCU	Outcome 1.a	Governance for REDD+ readiness fully deployed	O1.1 Degree of inclusiveness and functionality of NRW, expanded Technical Coordination Committee (TCC+)	N/A	TCC+ in place, to take over technical backstopping for the cabinet body, inclusive in terms of representation) and fully functional (in terms of level of participation, frequency of meeting and performance of its functions)	REDD+ international funding modality exists	CCU	Semi-annual						
CCU			O1.2 Transparent and Inclusive MTR and R-Package review process	N/A	MTR and R-Package shared and consulted with relevant Stakeholders (Indigenous Peoples and local communities) before submission		CCU	Semi-annual						
CCU	Output 1.a.1	Strengthened REDD+ Secretariat	1.a.1.i Number of REDD+ Secretariat technical staff	4	9 - but limited by space!		CCU	Semi-annual						
CCU			1.a.1.ii REDD+ Secretariat TORs status	No TORs	TORs clearly defined, validated and approved by NRW - R-PP annex		R-PP Annex, membership is also clearly defined and agreed here.	Semi-annual						
CCU	Output 1.a.2	Strengthened REDD+ NRW, and NREG Technical Coordination Committee+ (TCC+)	1.a.2.i Number of meetings / year with quorum	No meetings	4 meetings/year with quorum		NRWG meeting minutes	Semi-annual						
CCU			1.a.2.ii NRW TORs status	No TORs	TORs clearly defined, validated, and approved by NREG/ENRAC		R-PP Annex	Semi-annual						
CCU			1.a.2.ii NRW membership status	Not defined	Membership confirmed and agreed by all stakeholders		R-PP Annex	Semi-annual						
CPME	Output 1.a.3	Strengthened National Forest Forum	1.a.3.i Number of Forest Forum meetings organized	N/A	Forest Forum meets at least 2x/year		RMSC	Annual						
CCU			1.a.3.ii Forest Forum capacity to act as coordinated body to support policy development, independent of the FC	Forest Forum meetings fully dependent on financing from FC	Forest Forum meets and produces policy papers with support from DGM under FIP		RMSC	Semi-annual						
CCU	Output 1.a.4	Environment and Natural Resources Advisory Council established	1.a.4 Number of ENRAC meetings / year with effective decisions taken regarding REDD issues	None	2 meetings/year		ENRAC meeting minutes	Semi-annual						
R-PP Sub-component 1.b.: Stakeholder consultation and participation														

CCU	Outcome 1.b	Stakeholders from local to national level capable and willing to engage on REDD+ implementation	01.b.1 Degree of participation of different stakeholders in different events on REDD+	N/A	Increasing / enhancing participation		CCU	Semi-annual						
CCU	Output 1.b.1	Consultation and participation working groups established	1.b.1. Number of Ghanaian experts who participated in any South-south learning activities (disaggregated by gender) (FCPC 4.2.b)	3/year	6 (2013), increasing each year to start of ERP		REDD+ Secretariat information	Semi-annual						
CCU	Output 1.b.2	REDD+ information sharing activities: trainings, briefing materials, stakeholder led information sharing	1.b.2.i Number of stakeholder groups capable of making informed inputs to REDD+ consultations	4 (Forestry Commission, IUCN, Tropenbos, NCRC)	20 key REDD+ stakeholders, with at least 2 from each major stakeholder group (see stakeholder list)		Level of participation in REDD+ consultation meeting verified by documentation and minutes	Semi-annual						
CCU/CPME			1.b.2.ii Number of public awareness campaigns organized on climate change	N/A	3 awareness workshops conducted		CCU	Annual						
CCU	Output 1.b.3	Expert consultations, workshops, and focus groups	1.b.3 Strategic reviews of relevant existing knowledge and lessons from expert experiences on key REDD+ issues	0	Expert input papers on each of 8 (sub)components of the R-PP process by 12/2014		Existence of expert papers - REDD+ Secretariat files	Semi-annual						
CCU	Output 1.b.4	Stakeholder consultations on key pilot projects and legal / institutional changes	1.b.4.i Existence of stakeholder feedback on REDD+/FIP pilot projects	None	Feedback on each pilot project from at least three stakeholder organizations by 6/2015		REDD+/FIP pilot project documents / assessments	Semi-annual						
CCU			1.b.4.ii Consultative multi-stakeholder process on key legal / institutional changes	None	Key stakeholders provide formal letters of support or endorsements for key legal / institutional changes		REDD+ Secretariat files, other FC files	Semi-annual						
CCU	Output 1.b.5	Validation consultation for national REDD+ strategy	1.b.5 Status of national REDD+ strategy	No strategy	Strategy validated by all key stakeholders		Validation meeting records	Semi-annual						
R-PP Component 2: Prepare the REDD+ Strategy														
R-PP Sub-component 2.a.: Assessment of Land Use, Forest Policy, and Governance														
CCU	Outcome 2.a	Improved knowledge and understanding of key drivers for deforestation and forest degradation	02.a.1 REDD+ strategy options formed based on sufficient understanding and knowledge of key drivers	No REDD+ strategy	Report published by 6/2015	The GoG remains fully committed to REDD+	CCU	Semi-annual						
CCU			02.a.2 R-Package is in line with PC adopted assessment framework (FCPF 01.A)	Readiness baseline as described in R-PP	R-Package submitted to the FCPF by 12/2014		FCPF files / REDD+ Secretariat files, R-Package Assessment meeting documents and records	Semi-annual						
CCU	Output 2.a.1	Research studies on land use, forest policy, and governance to further understand causes and drivers	2.a.1. Number of research gaps addressed of the 13 applied research gaps and priorities identified in R-PP	No studies or research	At least 50% of REDD+ related info gaps addressed through synthesis work of expert sub-working groups or other independent organizations by 12/2014		REDD+ Secretariat files	Semi-annual						
R-PP Sub-component 2.b.: REDD+ Strategy Options														
CCU	Outcome 2.b	Comprehensive and coherent REDD+ implementation strategy formally validated nationally	0 2.b. Approved National REDD+ strategy report available	No strategy	Report published by 6/2015		Existence of nationally approved REDD+ strategy	Semi-annual						
CCU	Output 2.b.1	Studies to support national expert consultations	2.b.1.i Research inputs to the two expert consultations and four working groups on identified key issues	No inputs	At least one input provided to each expert consultation and working group process		CCU	Semi-annual						
CCU			2.b.1.ii ER-PIN submitted (FCPF 2.2.a)	No ER-PIN	Submitted by 3/2014		FCPF website	Semi-annual						
CCU	Output 2.b.2	Information dissemination through media and internet	2.b.2.i Number of relevant print media channels publishing proposed REDD+ strategy	REDD+ strategy not published	Prior to validation and adoption, proposed REDD+ strategy is distributed in hard copy to all the regional and district offices, posted on FC and FCPF website, press release issued, and national newspaper reports on development of strategy		Copies of media products, monthly website traffic statistics to webpage with published strategy	Semi-annual						
CCU			2.b.2.ii Number of relevant stakeholder organizations that have received a printed copy of proposed REDD+ strategy	No organizations	At least 4 weeks prior to validation and adoption, proposed strategy is printed and disseminated to all key stakeholder organizations		REDD+ Secretariat files, printed documentation of strategy, dissemination list for strategy	Semi-annual						
CCU/CPME	Output 2.b.3	Demonstration and pilot activities	2.b.3.i Status and number of pilot activities	No pilot activities	Pilot activities initiated to test governance reforms, technical systems, and ensure good practice, while assessing impacts related to key issues (cocoa, chainsawing, logging, biodiversity, benefit sharing)		CCU	Semi-annual						
CCU/CPME			2.b.3.ii Number of REDD+ projects scaled-up	None	Scaling up of 5 REDD+ projects initiated		CCU	Semi-annual						

CCU	Output 2. b.4	Final REDD+ Strategy selected	2. b.4 Level of incorporation of stakeholder inputs	None	Final agreed REDD+ strategy reflects all key stakeholder inputs, and is nationally validated and adopted by 6/2015		REDD+ Strategy development drafts, records of stakeholder inputs	Semi-annual						
R-PP Sub-component 2. c.: Arrangements for REDD+ Implementation														
CCU	Outcome 2.c	Governance framework for REDD+ implementation fully developed and validated	O2.c Additional institutional structures for REDD+ implementation identified, designed and validated	N/A	According to architecture for institutional arrangement and structures by 12/2014		CCU	Semi-annual						
CCU / NREG Coordination	Output 2. c.1	Information clearinghouse function addressed through FC sub-website for REDD+	2. c.1.i Existence of online public information clearinghouse website (FC sub-website for REDD+)	Does not exist	R-PP public information online clearinghouse website in existence, and information submitted to national Climate Change Support and Impact Monitoring Disclosure System (CCSI-MDS) project database managed by MESTI/EPA		Existence of R-PP public information website; Information available in CCSI-MDI	Semi-annual						
CCU			2. c.1.ii Availability of public information on REDD+ readiness process	Information scattered	All key public documents posted to FC sub-website for REDD+ by 5/2014		Availability of all key public documents on website	Semi-annual						
CCU / NREG Coordination	Output 2. c.2	Information sharing protocol on financial aspects, and best practice options for benefit sharing	2. c.2.i Existence of agreed carbon revenue disbursement procedures document based on national, regional, and international best practices for benefit sharing flows	No agreed financial flows procedures	Benefit sharing formula options document approved by all key stakeholders, including Ministry of Finance		Records of approval from all key stakeholders by meeting records or written endorsements; Consultation reports and draft document	Semi-annual						
CCU	Output 2. c.3	REDD+/FIP pilot projects with lessons produced	2. c.3.i Existence of selection committee for pilot projects	No selection mechanism	Selection mechanism in place		Pilot project selection process records	Semi-annual						
CCU			2. c.3.ii Level of pilot project lesson documentation and dissemination	No lessons	"Key lessons" captured for each REDD+/FIP pilot project by mid-point of implementation of projects through regular monitoring reports		Availability of lessons documents	Semi-annual						
FIP Secretariat in MLNR			2. c.3.iii Number and type of knowledge assets created and shared feeding into replication efforts	No knowledge assets	REDD+/FIP pilot project results and experiences summarized in 2 pg briefs and publicly available within 3 months of pilot project completion		Summary briefs for all pilot projects available publicly online on R-PP public information website	Annual						
CCU	Output 2. c.4	Institutional arrangements mapping, and institutional capacity strengthening activities	2. c.4 Existence of institutional map based on REDD+ management requirements with roles and responsibilities defined for REDD+ strategies, actions, and policy program measures	Institutional roles and responsibilities for REDD+ management not defined	Institutional mapping completed, with clearly defined roles and responsibilities for REDD+ management		REDD+ Secretariat files	Semi-annual						
CCU	Output 2. c.5	Carbon accounting registry management arrangements defined	2. c.5.i Existence of carbon accounting registry procedures and management arrangements that meets international requirements	No carbon accounting registry	Documentation of clearly defined carbon accounting registry procedures and management arrangements, agreed by all key stakeholders, including Ministry of Finance		REDD+ Secretariat files, REDD+ stakeholder consultation meeting documents and records	Semi-annual						
CCU			2. c.5.ii Adequacy of carbon accounting registry functioning	No carbon accounting registry	Carbon accounting registry functioning sufficiently to meet REDD+ implementation national and international needs and requirements		Stakeholder satisfaction with functionality of carbon registry, international REDD+ carbon accounting requirements are met	Semi-annual						
CCU	Output 2. c.6	Conflict resolution institutional arrangements defined	2. c.1.vi Degree of operationality of Grievance Mechanism in terms of: - Number of people aware of it - % of targeted population able to access it - % of cases resolved through the mechanism	No grievance mechanism	High degree of operationality: - Population of all communities with REDD+ projects - 100% have access - 100% of cases resolved		Grievance mechanism records and files, with conflict resolution protocol and process, using an ombudsperson	Semi-annual						
R-PP Sub-component 2. d.: Social and Environmental Impacts														
CCU	Outcome 2.d	Measures to mitigate and avoid negative social and environmental impacts are implemented	O5.1 Degree of implementation of measures foreseen in SESA	N/A	All necessary measures by 12/2014		CCU	Semi-annual						
CCU	Output 2. d.1	Initial SESA diagnostic analysis (desk-based)	2. d.1 Status of desk-based diagnostic analysis	Limited and scattered information on potential SESA issues	Completed desk-based diagnostic analysis		REDD+ Secretariat files, with documentation of validation by stakeholders	Semi-annual						

CCU	Output 2.d.3	Consultative stakeholder SESA analysis	2.d.2.i Number of stakeholders (by category, gender and age) consulted and trained during SESA process (FCPF 3.1.b)	No consultative SESA analysis	TBD. X participants at Y national, Z regional, W local level consultations, X learning groups with at least X men/Y women/Z youth from CSO and IP		Records of consultations	Semi-annual						
CCU			2.d.2.ii Status of SESA stakeholder consultations	No SESA consultations	At least 1 SESA stakeholder consultations held in each region		REDD+ Secretariat files, with records of consultations involving all key stakeholders	Semi-annual						
CCU	Output 2.d.3	Analysis of World Bank social and environmental standards	2.d.3.i Level of compatibility of planned REDD+ activities with World Bank safeguard policies	Compatibility unknown	100% compatibility expected for all REDD+ activities		CCU, FCPF FMT	Semi-annual						
CCU			2.d.3.ii Examples of indicators for enhancement of livelihoods of local communities and for biodiversity conservation included in ESMF and REDD+ strategy (FCPF 3.B.)	No relevant results produced as yet	REDD+ strategy, monitoring and ER-Programs incorporate indicators related to biodiversity conservation and livelihood of local communities in addition to other co-benefits and safeguards		REDD+ strategy and ER-PIN results frameworks	Semi-annual						
CCU	Output 2.d.4	National SESA working group meetings	2.d.4 Number and participation in national SESA working group meetings	No SESA working group	Working group meets sufficient number of times with quorum to produce recommendations for REDD+ strategies to ensure compliance with SESA safeguards		SESA working group meeting minutes	Semi-annual						
CCU	Output 2.d.5	Ongoing SESA monitoring	2.d.5 Availability of reporting on SESA compliance	No reporting	Annual report to ENRAC on SESA compliance available		REDD+ Secretariat annual report on SESA compliance	Semi-annual						
R-PP Component 3: Develop a Reference Scenario														
CCU	Outcome 3	Sound reference level established	O3.1 A reference level for emissions and removals is available	No reference level for emissions and removals	Available by 12/2014		R-PP Assessment	Semi-annual						
CCU	Output 3.1	Capacity in place for emissions quantification and scenario development	3.1.i Data availability (Landsat TM and ETM+ imagery for 2000-2009) for quantification of emissions	FC does not have data	Data available for emissions quantifications by 6/2014 (completed)		Nationally produced emissions quantification for 2000-2009 available for R-PP Assessment	Semi-annual						
CCU			3.1.ii Technology (GIS and image process hardware and software) available for quantification of emissions	FC does not have technology	Technology in-place for emissions quantification by 6/2014 (completed)		Nationally produced emissions quantification for 2000-2009 available for R-PP Assessment	Semi-annual						
CCU			3.1.iii Capacity of FC and FORIG staff to analyze historic emissions	FC and FORIG staff not sufficiently trained for emissions analysis	FC and FORIG staff can calculate historic emissions, using sufficient data and available technology by 6/2014		Nationally produced emissions quantification for 2000-2009 available for R-PP Assessment	Semi-annual						
CCU	Output 3.2	Historic emissions quantified for 2000-2009 at national level	3.2 Availability of historic emissions quantification for 1990-2000-2010	No quantification of emissions	Historic national emissions quantification for 1990-2000-2010 available by 10/2014		R-PP Assessment process	Semi-annual						
CCU	Output 3.3	Future emissions trajectories developed	3.3 Availability of emissions trajectories	No emissions trajectories	Emissions trajectories available and validated by 10/2014		R-PP Assessment process	Semi-annual						
R-PP Component 4: Design a Monitoring System														
CCU	Outcome 4	National forest monitoring system that allows sound MRV is operational	O4.1 MRV System complies to international standards	No MRV system	Full system in compliance to IPCC Guidelines and Standards by 10/2015		R-PP Assessment process	Semi-annual						
CCU			O4.2 Soundness of data verified	No MRV data	Data verified and adjusted as required		MRV database	Semi-annual						
CCU	Output 4.1	MRV system designed	4.1 Existence and status of MRV protocols	No MRV system	MRV protocols produced, agreed and validated by relevant stakeholders by 10/2014		R-PP Assessment process	Semi-annual						
CCU	Output 4.2	Training on information management for National REDD+ Registry (including biodiversity indicators)	4.2 Number of persons trained in Forest Carbon monitoring by gender	No persons trained	National level – 5 people (m/f) trained per year to facilitate carbon and non-carbon monitoring for all REDD+/FIP pilot sites		CCU	Semi-annual						
CPME	Output 4.3	MRV system piloting	4.3.i Use of MRV system for REDD+/FIP pilot projects (MRV implemented/Total carbon stock recorded)	MRV system not applied or tested	MRV system used for all REDD+/FIP pilot projects starting 6/2014		CCU	Annual						
CPME			4.3.ii Total forest cover (on/off reserve) monitored	4.9m ha	60,000 ha added		FSD	Annual						
CCU	Output 4.4	Verification auditing	4.4.i Verification audit completions	No MRV verification audits	Verification audits conducted for all REDD+/FIP pilot projects by 12/2015		REDD+ Secretariat	Semi-annual						
CPME			4.4.ii LULUCF closely monitored	Reliance on FAO's Forest Resources Assessment (FRA)	Core team trained on GIS		RMSC	Annual						

R-PP Component 5: Schedule and Budget									
CCU	Component 5	R-PP process completed on time with available resources	5.1 FCPF R-PP Grant disbursement rate (FCPF 1.3.d)	N/A	At least 90% of planned annual amounts		CCU	Semi-annual	
CCU			5.2 Overall R-PP grant disbursement rate (FCPF 1.3.d)	N/A	N/A - There is government additional R-PP co-financing, but it is not subject to an annual disbursement rate, it is just annual government sector budget. [Global target: At least 90% of planned annual amounts once co-funding agreements signed]	International partners for REDD+ readiness engage further in Ghana and partners fulfill their pledges	CCU	Semi-annual	
CCU, FIP Secretariat in MLNR			5.3 Financial amounts used to enable active participation of IPs, CSOs and local communities in national REDD+ readiness (FCPF 3.1.a.i)	N/A	TBD - CCU Could report on amount of financial resources used for civil society participation if necessary - Can also use resources from DGM under FIP, so info would be coming from there.		CCU and FIP	Semi-annual	
CCU			5.4 Disbursements for ER Program according to plans	N/A	TBD, Amount and date according to ERPA schedule or other ER scheme schedule		CCU	Semi-annual	
R-PP Component 6: Design a Monitoring & Evaluation Program									
CCU	Component 6	M&E Framework developed	6.1 Level of achievement of planned project milestones according to approved Readiness Preparation grant (FCPF 1.3.b.)	N/A	100% progressing well		CCU semi-annual report	Semi-annual	
CCU			6.2 Performance Measurement Framework produced and validated	No PMF	Available 4/2014		CCU	Semi-annual	
CCU			6.3 Annual reports with biannual update submitted on reporting deadlines	N/A	2 reports/year		FCPF website	Semi-annual	
CCU			6.4 Proportion of draft annual reports reviewed and commented by relevant stakeholder groups	N/A	100% starting 4/2014		CCU	Semi-annual	
CPME			6.5 Functional Computerized M&E system developed and regionally deployed	Current FC M&E system	M&E system regionally deployed, with inclusion of elements relevant to REDD+ activities		FCIT Department	Annual	
R-PP Completion, REDD+ Readiness Assessed									
CCU	R-PP Completion	REDD+ Readiness Assessment	C.1 Consulted Midterm progress review (FCPF 1.3.a.) available	No mid-term review	Available 5/2014		FCPF website	Mid-point of R-PP implementation	
CCU			C.2 Independent final review of R-Package (FCPF 1.A.2.)	No final review	Available 6/2015		FCPF website	End of R-PP implementation	
Other Indicators from FC Initiatives Relevant to REDD+									
CPME	Outcome	Market developed for sustainable forest products	% increase in IGF	GH¢12.13m	10% added		FAD	Annual	
CPME			Royalty Disbursement quarterly published (indicating harvested volume and total revenue)	No publication since 2007	Within 30 days after end of quarter		FAD	Quarterly	
CPME			Stumpage value quarterly reviewed	No review since 2004	Within 30 days after end of quarter		FC	Quarterly	
CPME			Volume of timber harvested (a) on-reserve (b) off-reserve	(a)488,000 m3 (b)273,000 m3	≤ 0.5m ³ On-reserve; ≤ 1.5m ³ off-reserve		FSD	Annual	
CPME			Number of Lesser Used Species promoted	5	6 added		TIDD	Annual	
CPME			Volume of (a) Rubberwood (b) Bamboo (c) Rattan utilised	N/A	Strategy implementation continued for monitoring Bamboo, Rattan and Rubberwood		FSD/TIDD	Annual	
CPME			Volume of wood to Export market recorded	451,608	300,000		TIDD	Annual	
CPME			Volume of wood to Domestic market recorded	N/A	700,000		TIDD	Annual	
CPME			% value of tertiary wood products exported	6.50%	30%		TIDD	Annual	
CPME			% Exports covered by Forest Law Enforcement Governance & Trade (FLEGT) Licenses	N/A	100 % of Export covered by FLEGT License		TVD	Annual	

CPME			All six (6) Ramsar Site Mgt Plans reviewed	1999 plan	Management plans implemented		WD	Annual						
CPME			Ramsar Site Management Committees reconstituted	Non-functional Committees	Committees for 3 sites inaugurated		WD	Annual						

Component		Purpose	Assessment Criteria
Sub-Component 1a – National REDD+ Management Arrangements		Purpose: setting-up national readiness management arrangements to manage and coordinate the REDD+ readiness activities whilst mainstreaming REDD+ into broader strategies	Assessment Criteria: (i) accountability and transparency; (ii) operating mandate and budget; (iii) multi-sector coordination mechanisms and cross-sector collaboration; (iv) technical supervision capacity; (v) funds management capacity; (vi) feedback and grievance redress mechanism
Outcome 1.a	Governance for REDD+ readiness fully deployed		
Output 1.a.1	Strengthened REDD+ Secretariat		
Output 1.a.2	Strengthened REDD+ NRWG, and NREG Technical Coordination Committee+ (TCC+)		
Output 1.a.3	Strengthened National Forest Forum		
Output 1.a.4	Environment and Natural Resources Advisory Council established		
R-PP Sub-component 1.b.: Stakeholder consultation and participation		Purpose: broad consultation with and participation of key stakeholders for future REDD+ programs, to ensure participation of different social groups, transparency and accountability of decision-making	Assessment Criteria: (i) participation and engagement of key stakeholders; (ii) consultation processes; (iii) information sharing and accessibility of information; (iv) implementation and public disclosure of consultation outcomes
Outcome 1.b	Stakeholders from local to national level capable and willing to engage on REDD+ implementation		
Output 1.b.1	Consultation and participation working groups established		
Output 1.b.2	REDD+ information sharing activities: trainings, briefing materials, stakeholder led information sharing		
Output 1.b.3	Expert consultations, workshops, and focus groups		
Output 1.b.4	Stakeholder consultations on key pilot projects and legal / institutional changes		
Output 1.b.5	Validation consultation for national REDD+ strategy		
R-PP Sub-component 2.a.: Assessment of Land Use, Forest Policy, and Governance		Purpose: identification of key drivers of deforestation and/or forest degradation, as well as activities concerning conservation, sustainable management of forests, and enhancement of forest carbon stocks	Assessment Criteria: (i) assessment and analysis; (ii) prioritization of direct and indirect drivers/barriers to forest enhancement; (iii) links between drivers/barriers and REDD+ activities; (iv) actions plans to address natural resource right, land tenure, governance; (v) implications for forest law and policy
Outcome 2.a	Improved knowledge and understanding of key drivers for deforestation and forest degradation		
Output 2.a.1	Research studies on land use, forest policy, and governance to further understand causes and drivers		
R-PP Sub-component 2.b.: REDD+ Strategy Options		Purpose: Develop a set of policies and programs for addressing the drivers of deforestation and/or forest degradation	Assessment Criteria: (i) selection and prioritization of REDD+ strategy options; (ii) feasibility assessment; (iii) implications for strategy options on existing sectoral policies
Outcome 2.b	Comprehensive and coherent REDD+ implementation strategy formally validated nationally		
Output 2.b.1	Studies to support national expert consultations		
Output 2.b.2	Information dissemination through media and internet		
Output 2.b.3	Demonstration and pilot activities		
Output 2.b.4	Final REDD+ Strategy selected		
R-PP Sub-component 2.c.: Arrangements for REDD+ Implementation		Purpose: Set out credible and transparent institutional, economic, legal and governance arrangements necessary to implement REDD+ strategy options	Assessment Criteria: (i) adoption and implementation of legislation/regulations; (ii) guidelines for implementation; (iii) benefit sharing mechanism; (iv) national REDD+ registry and system monitoring REDD+ activities
Outcome 2.c	Governance framework for REDD+ implementation fully developed and validated		
Output 2.c.1	Information clearinghouse function addressed through FC sub-website for REDD+		
Output 2.c.2	Information sharing protocol on financial aspects, and best practice options for benefit sharing		
Output 2.c.3	REDD+/JIP pilot projects with lessons produced		
Output 2.c.4	Institutional arrangements mapping, and institutional capacity strengthening activities		
Output 2.c.5	Carbon accounting registry management arrangements defined		
Output 2.c.6	Conflict resolution institutional arrangements defined		
R-PP Sub-component 2.d.: Social and Environmental Impacts		Purpose: Ensure compliance with the Common Approach and prepare a country specific Environmental and Social Management Framework (ESMF)	Assessment Criteria: (i) analysis of social and environmental safeguard issues; (ii) REDD+ strategy design with respect to impacts; (iii) Environmental and Social Management Framework
Outcome 2.d	Measures to mitigate and avoid negative social and environmental impacts are implemented		
Output 2.d.1	Initial SESA diagnostic analysis (desk-based)		
Output 2.d.2	Consultative stakeholder SESA analysis		
Output 2.d.3	Analysis of World Bank social and environmental standards		
Output 2.d.4	National SESA working group meetings		
Output 2.d.5	Ongoing SESA monitoring		
R-PP Component 3: Develop a Reference Scenario		Purpose: Development of the general approach to establish a REL/RL	Assessment Criteria: (i) demonstration of methodology; (ii) use of historical data, and adjusted for national circumstances; (iii) technical feasibility of the methodological approach, and consistency with UNFCCC/IPCC guidance and guidelines
Outcome 3	Sound reference level established		
Output 3.1	Capacity in place for emissions quantification and scenario development		
Output 3.2	Historic emissions quantified for 2000-2009 at national level		
Output 3.3	Future emissions trajectories developed		
R-PP Component 4: Design a Monitoring System		Purpose: Design and develop an operational forest monitoring system, including non-carbon aspects, and describe the approach to enhance the system over time	Assessment Criteria: (i) documentation of monitoring approach; (ii) demonstration of early implementation; (iii) institutional arrangements and capacities- Forests Assessment Criteria: (i) Identification of relevant non-carbon aspects, and social and environmental issues; (ii) monitoring, reporting and information sharing; (iii) Institutional arrangements and capacities – Safeguards
Outcome 4	National forest monitoring system that allows sound MRV is operational		
Output 4.1	MRV system designed		
Output 4.2	Training on information management for National REDD+ Registry (including biodiversity indicators)		
Output 4.3	MRV system piloting		
Output 4.4	Verification auditing		
R-PP Component 5: Schedule and Budget			
Component 5	R-PP process completed on time with available resources		
R-PP Component 6: Design a Monitoring & Evaluation Program			
Component 6	M&E Framework developed		
R-PP Completion	REDD+ Readiness Assessment		



Significant progress



Progressing well, further development required



Further development required



Not yet demonstrating progress

Non-applicable

Government Stakeholders

Office of President / Office of Vice President

- Ministry of Land & Natural Resources
- Ministry of Foreign Affairs
- Ministry of Finance & Economic Planning
- Ministry of Food & Agriculture
- Ministry of Environment, Science & Technology
- Ministry of Local Government & Rural Development
- Ministry of Education
- Ministry of Energy
- Forest Commission
- Lands Commission
- Mineral Commission
- Water Resources Commission
- Energy Commission
- Internal Revenue Service
- National Development Planning Commission
- Environmental Protection Agency
- Savannah Accelerated Development Authority
- Ghana National Fire Service
- Customs Excise & Preventive Services
- Immigration Service
- The Judiciary
- Office of the Administrator of Stool Lands
- Ghana Investment Promotion Centre
- Cocoa Board

Private Sector

AGI Assoc of Ghana industries

- Wood Industry- GTMO, DOLTA, GTA, GATEX, FOWAG, Small scale carpenters
- Mining Industry – Chamber of Mines, galamsey
- Fuel wood & charcoal Burners Associations (producers, transporters, consumers)
- NTFP gatherers (Hunters, Fishers, Fuel wood collectors)
- Farmers Large & small scale
- Services - Investors/Buyers, technical experts – consultants

Civil Society

- CBOs (e.g. Fire volunteers, economic groups)
- Community Resource Management Committees, Forest Forums
- National & International NGOs
- Traditional Authorities – Chiefs, etc.

- Professional Associations – Ghana Institute of Foresters
- Trade Unions, Associations, FOSSA, Students' Unions
- Research & Academic organisations
- Religious bodies

Development Partners –bilateral and multilateral

FC Policy Objectives for NDPC

- Objective 1. Ensure the restoration of degraded natural resources
- Objective 2. Build institutional frameworks for sustainable extractive and natural resources management
- Objective 3. Reduce the loss of biodiversity
- Objective 4. Maintain and enhance the protected area system
- Objective 5. Strengthen the legal framework on protected areas
- Objective 6. Reverse Forest and land degradation
- Objective 7. Sustainable use of wetlands
- Objective 8. Enhance community participation in environmental and natural resources management by awareness raising
- Objective 9. Enhance community participation in governance and decision-making
- Objective 10. Strengthen and develop local level capacity to participate in the management and governance of natural resources
- Objective 11. Adapt to the impacts and reduce vulnerability to Climate Variability and Change
- Objective 12. Mitigate the impacts of Climate Variability and Change

Key Result 1: Reduced Pressure on Forest Ecosystems

Key Result 2: Sustainable Management of Forests

Key Result 3: An institutional and legal/ regulatory framework that supports sustainable management of forests and protects the rights of local communities

Key Result 4: New and additional resources for climate- and forest-friendly projects

Key Result 5: Integration of learning by development actors active in REDD+

1. Forest Condition
2. Domestic Market Development
3. Rights of access and forest tenure
4. Production of legal timber/illegal logging
5. Timber trade and markets
6. Accountability and transparency
7. Institutional effectiveness and efficiency
8. Law enforcement and compliance
9. Livelihoods and poverty
10. Stakeholder involvement in forest management and forest policy reform

The Project Development Objective is to improve the institutional capacity of key ministries, departments and agencies (MDAs) in natural resource and environmental management.

	FC Notes
PDO Indicators (NREG Project Appraisal Document p.8)	
(a) Revenue forecasting model for the NRM sector in place and operational at the Ministry of Finance.	FC for forestry sector revenue forecasting
(b) Forestry Development Master Plan revised and validated, and related training on its implementation provided.	FC
(c) Number of District Mining Committees established, trained, and equipped.	N/A
(d) Nationally Appropriate Mitigation Action Plan fully finalized (costed and time bound).	N/A
NREG Results Framework Indicators (NREG Project Appraisal Document Annex 1, p.17)	
PDO Indicators	
PDO Level Indicator 1:	
Natural Resources Revenue forecasting done by in Annual Budget statement	FC for forestry sector revenue forecasting
PDO Level Indicator 2:	
District Mining Committees supported by project licensing small artisanal gold mines (number)	N/A
PDO Level Indicator 3:	
Climate Change Support and Impact Monitoring Disclosure System (CCSD-MDS) project database on mitigation and adaptation publicly accessible	FC CCU as relevant
PDO Level Indicator 4:	
Management Effectiveness Tracking Tool (METT) Score (disaggregated by Forest Reserves)	FC for forest reserves and PAs
Intermediate Results All Sectors: Capturing NRE in Economic Management & Program Coordination	
Intermediate Results Indicator All Sectors:	
Guidelines on conduct of consultations with non state actors engaged in the NRE sectors through a participatory process by TCC	FC for consultations in forestry sector
Intermediate Results: Forestry	
Intermediate Results Forestry 1:	
Review of schemes on tree tenure and benefit sharing drafted in a participatory process	FC
Intermediate Results Forestry 2:	
Forestry management plans approved for selected Forest Reserves by FC and MLNR	FC
Intermediate Results Forestry 3:	
Plantation strategy drafted by FC and submitted for consultation with state and non-state stakeholders	FC
Intermediate Results: Mining	
Mining companies that have submitted local procurement plans according to the new regulations, and verified by MC	N/A
Intermediate Results: Environmental Management and Climate Change	
National Appropriate Mitigation Action Plan (NAMA) prepared for one priority sector.	N/A

NOTE: Implementation Completion Report for NREG DPOs 1-3, dated December 28, 2011, includes many more outcome and impact level indicators relevant for the NREG program (see Annex 7, p.42 of the ICR), but these were not included in the current NREG Project Appraisal Document Results Framework, and thus have not been included in this document.