



WEST AFRICAN POWER POOL
SYSTEME D'ECHANGES D'ENERGIE ELECTRIQUE OUEST AFRICAIN
General Secretariat / Secrétariat Général

**KICK-OFF MEETING FOR THE UPDATE OF THE
WEST AFRICAN POWER POOL (WAPP)
GRID EMISSION FACTOR STANDARDIZED BASELINE**

MEETING REPORT



September 17-18, 2020

I. INTRODUCTION

1. The West African Power Pool (WAPP) Secretariat organised via video conference from September 17 to 18, 2020, a virtual meeting of members of the WAPP Strategic Planning and Environmental Committee (SPEC). Members of the WAPP Engineering and Operating Committee (EOC) that are not represented on SPEC also took part.
2. The meeting was organised subsequent to the adoption by SPEC on August 17, 2020, of the Terms of Reference for the recruitment of a Consultant to update the WAPP Grid Emission Factor (GEF) Standardized Baseline (SB). In accordance with the agreed Work program, the World Bank recruited and made available to the WAPP Secretariat the Consultant to carry out the update of the GEF.
3. The Objective of the meeting was to validate the consultant's methodology, work plan and work schedule as well as the data collection forms.
4. The following Members from the respective WAPP Committees took part in the meeting:
 - a. SPEC :
 - CEB (Benin, Togo)
 - CI-ENERGIES (Cote d'Ivoire)
 - EDM-SA (Mali)
 - GRIDCo (Ghana)
 - NIGELEC (Niger)
 - Senelec (Senegal)
 - SOGEM (Mali, Senegal and Mauritanie)
 - SONABEL (Burkina Faso)
 - TCN (Nigeria)
 - a. EOC :
 - CEET (Togo)
 - CENIT (Ghana)
 - NAWEC (The Gambia)
 - CIE (Cote d'Ivoire)
 - CENPOWER (Ghana)
 - EDSA (Sierra Leone)
 - KARPOWERSHIP (Ghana)
 - North South Power Co Ltd (Nigeria)
 - Paras Energy & Natural Resources Development Limited (Nigeria)
 - SBEE (Benin)
 - VRA (Ghana)
5. The meeting was also attended by experts from the World Bank, the Regional Collaboration Centre (RCC) of the United Nations Framework Convention on Climate Change (UNFCCC) based in Lome, and Designated National Authority (DNA) as well as the Consultant, Mr. Martin Burian.
6. The list of participants is attached as Annex A.
7. The welcome address was delivered by Mr. Baba Jarjusey, the Director of Administration and Finance (DAF) of WAPP on behalf of the Secretary General. The DAF welcomed the participants and thanked them for their positive response to the invitation of WAPP despite the challenges of the global health crisis of COVID-19. The DAF then recalled

the importance of having a regional GEF and highlighted the benefits that the countries of the sub-region and WAPP member Utilities can derive from it. Finally, the DAF thanked the World Bank and UNFCCC for their assistance and wished the meeting successful deliberations.

8. Ms. Sandhya Srinivasan, Climate Change Specialist at the World Bank also thanked the participants for joining the kick-off meeting and showing commitment as well as support to the programme initiated by the Bank and the WAPP Secretariat. The World Bank and WAPP have a long history of cooperation and this program shall enable WAPP member utilities increase participation in climate markets. She stressed that the GEF update is the first activity of the program and hoped that this could be an opportunity for WAPP to build the capacity of its members and put in place a pedagogical framework for its regular update.
9. Mr. Mubarak Moukaila, the Regional Coordinator of the Regional Collaboration Center in Lomé, thanked the participants and all those who contributed to the formulation of the first GEF which will expire on February 26, 2021 and stressed the importance of the GEF update for the development of the regional electricity sector. He mentioned that the West African Development Bank (BOAD) wants to allocate 25% of its activities towards climate resilience and climate financing projects. He recalled the importance of the GEF in the strategies of the BOAD as well as for the power utilities and said that the GEF is a very important tool that shall allow Developers to easily carry out projects.
10. The meeting was chaired by Mr. Apho MAIGA, Chairperson of the WAPP SPEC.
11. The following were appointed as Rapporteurs for the meeting
 - a. English: Engr. Shehu Abba Aliyu (TCN)
 - b. French: Mr. Falilou SEYE (SENELEC)
12. The adopted Agenda is attached as Annex B.

II. OUTCOMES OF THE MEETING

13. As background for the meeting, the WAPP Secretariat delivered a presentation on the Climate Market Program that the World Bank was supporting as part of its Technical Assistance to WAPP. The presentation indicated that the main components of the Program included the following:
 - a. Update of the WAPP Grid Emission Factor Standardized Baseline;
 - b. Development of a Monitoring, Reporting and Verification Framework;
 - c. Support for the development of a regional framework for Post 2020 Carbon Market;
 - d. Capacity Building of WAPP Members' Utilities.
14. The presentation is attached as Annex C.
15. The Consultant also made a presentation on the proposed methodology, work plan, data collection forms and data collection approach. The presentation covered the following points:

- a. Inception phase;
- b. Feasibility phase;
- c. Development of the GEF Standardized Baseline;
- d. Submission & validation;
- e. Standard Operating Procedures for updating the GEF;
- f. Training;
- g. Forward looking GEF;
- h. Live Monitoring Concept.

16. The presentation is attached also as Annex C.

17. From the presentations, the following was noted:

17.1 The WAPP GEF needs to be updated before its validity expires by February 26, 2021;

17.2 The GEF represents the average CO₂ emitted by the electricity grid system expressed in tCO₂ per MWh and can be used to structure carbon finance.

17.3 For regional interconnections, it is necessary to develop a regional GEF or else the interconnected countries shall lose opportunities to structure carbon finance;

17.4 The study shall only take into account the nine (9#) countries that are interconnected as at 2019 (Nigeria, Benin, Niger, Togo, Ghana, Côte d'Ivoire, Burkina Faso, Mali, Senegal).

18. From the discussions that followed the presentations, the following main comments were made:

18.1 The meeting stressed the importance of having future presentations and documents in both English and French. The Consultant was asked to resubmit the presentations in French as specified in the Terms of Reference.

18.2 The need for some activities, especially capacity building workshops and report validation meetings, to be conducted in-person in order to ensure proper understanding of the complex topics;

18.3 The World Bank clarified that under its prevailing regulations, in-person meetings shall not be possible in 2020 due to COVID. However, if health conditions permit, certain activities planned for 2021 may be held in-person.

18.4 The participants recommended to the Consultant to establish appropriate communication channels with the focal points within the utilities to facilitate efficient data collection.

18.5 The contacts of the Focal Points confirmed by the utilities were communicated to the Consultant. A draft schedule for contacting all Focal Points was prepared and is attached to this report.

18.6 The Focal Points that need clarification to complete the data collection forms may contact the Consultant, Martin Burian, by email at martin.burian@mailbox.org no later than September 25, 2020.

18.7 The data to be provided by the utilities must cover all the power plants connected to the grid, including the IPPs irrespective of size and technology.

18.8 The required data include:

- a. Net annual production per unit for the Years 2017, 2018 and 2019 for all generators connected to the network;
- b. Annual fuel consumption per unit for the Years 2017, 2018 and 2019 for all generators connected to the network;
- c. Lower Calorific Value (LCV) of the fuel used in thermal power plants per plant and per year for the Years 2017, 2018 and 2019.

18.9 The Consultant was reminded that all Deliverables shall be submitted in both French and English even though the documents to be submitted to UNFCCC shall be in English.

19. In conclusion, the participants reaffirmed their commitment to collaborate for a rapid implementation of the study.

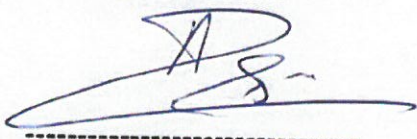
III. ACKNOWLEDGEMENTS

20. The meeting expressed its sincere thanks and appreciation to the World Bank, the RCC and the UNFCCC for their support in the implementation of WAPP priority programme in general and the Climate Market Program in particular.

21. The meeting also thanked the WAPP Secretariat for the organisation of the kick-off meeting and the arrangements made that resulted in its success.

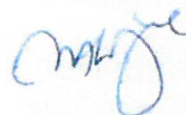
Done via video conference, this day of September 18, 2020

**FOR: Chairperson of
WAPP SPEC**



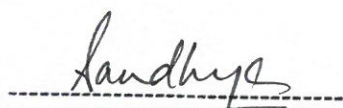
Apho Maïga
*Directeur Technique
SOGEM*

**FOR: WAPP General
Secretariat**



Momodou A.K. Njie
Director PIPES

**FOR: World Bank
(WB)**



Sandhya Srinivasan
Climate Change Specialist

FOR: Consultant



Martin Burian
Consultant

ANNEX A

LIST OF PARTICIPANTS





**WEST AFRICAN POWER POOL GRID EMISSION FACTOR (GEF) STANDARDIZED BASELINE:
KICK-OFF MEETING TO UPDATE GEF, SEPTEMBER 17 – 18, 2020**

**PROJET DE MISE À JOUR DU NIVEAU DE RÉFÉRENCE NORMALISÉ DU FACTEUR D'ÉMISSION DU RÉSEAU
ÉLECTRIQUE (FER) DE L'EEEOA: RÉUNION DE LANCEMENT, 17-18 SEPTEMBRE 2020**

VIDEOCONFERENCE, SEPTEMBER 17-18, 2020

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ANNEX B

ADOPTED AGENDA



West African Power Pool Grid Emission Factor (GEF) Standardized Baseline Update Project

KICK-OFF MEETING

September 17 to 18, 2020 (Video conference (VC))

Draft Agenda

Cotonou Time		September 17, 2020
14:30 – 15:00	Connection of Participants to the VC	
15:00 – 15:30	Opening Address <ul style="list-style-type: none"> ➤ Remarks by the West African Power Pool (WAPP) Secretariat ➤ Remarks by the World Bank (WB) ➤ Remarks by Regional Collaboration Centre (RCC) of UNFCCC 	
15:30 – 15:40	Introduction of Participants and Appointment of Rapporteurs	
15:40 – 15:50	Presentation of the Climate Market Programme by the WAPP Secretariat	
15:50 – 16:40	Presentation on the Methodology on the GEF Project by the Consultant <ul style="list-style-type: none"> ➤ Inception & Feasibility Phase (5 min) ➤ WAPP GEF SB Development and Validation (5 min) ➤ Standardized Baseline Updating Procedure Development (10 min) Discussions (30 min)	
16:40 – 17:30	Presentation on the Methodology on the GEF Project by the Consultant <ul style="list-style-type: none"> ➤ Forward-looking GEF (5 min) ➤ Live Monitoring Concept (5 min) ➤ Implementation schedule (5 min) ➤ Presentation on Data Collection Questionnaires and Data Collection Approach by the Consultant (5 min) Discussions (30 min)	
17:30-17:35	Expected Work Relationship among Stakeholders and with the Consultant <ul style="list-style-type: none"> ➤ Communications /Emails ➤ Submission of Deliverables 	
Cotonou Time		September 18, 2020
10:00-12:00	Preparation of Meeting Report (Offline)	
12:00-12:45	Consideration and Adoption of the draft Report of the Kick-off meeting	
12:45-13:30	Closing Remarks	

NB: Benin, Cotonou Time =GMT +1; USA, Washington DC Time = Cotonou Time - 5.

Annex C: PowerPoint Presentations

(Please find it attached)



WAPP CLIMATE MARKET PROGRAMME



www.ecowapp.org



Outlines:

1. Background
2. WAPP's Climate Market Programme
3. Expected Results

1. Background (i)



1.1 Purpose Statement:

Enhance access to post 2020 climate markets through an innovative early action and approach that could provide additional revenue streams for development of energy infrastructure projects.

1.2 Baseline:

(i) financial barriers and (ii) Lack of capacity (Article 6)

1.3 Opportunity:

Carbon revenues can strengthen a project's financial returns. Trading of emission or carbon credits on other Post 2020 markets can reduce infrastructure project development cost and attraction cheaper Investment.

2. Climate Programme (i)



2.1 Within the framework of a technical support of the World Bank, the following Climate Market Programmes were agreed on:

NO.	ACTIVITY (i)
1	West African Power Pool (WAPP) Grid Emission Factor (GEF) Update:
1,1	To update the GEF needed for quantifying the number of emission credits a project can get
2	Monitoring, Reporting and Verification (MRV) Framework
2,1	Reinforcement of WAPP Information Coordination Centre (ICC) framework to monitor the development of Variable Renewable Energy (VRE) within the framework of MRV
2,2	Metering and telecommunication interface specifications are defined, allowing the VRE based power plants to interface with ICC (Define the scope to close the gap and to meet the objective of the MRV framework)
2,3	Development of the MRV framework including an automated system for market clearance and financial settlement for carbon displacement from VRE based plants



2. Climate Programme (ii)

NO.	ACTIVITY (ii)
	3 Support the Development of a Regional Carbon market framework
3,1	Consultation with WAPP members on roles and responsibilities and policy framework in domestic context, highlighting opportunities for WAPP, and proposing roles and responsibilities at national levels as well as at the regional level
3,2	Development of Regional Carbon Market Frameworks (RCMF) including Guidelines for its operationalization
3,3	Presentation of the Regional Carbon Market Frameworks to WAPP Executive Board, Donor coordination committee, WAPP General Assembly and its adoption by ECOWAS Authorities (Council of Ministers, Parliament, Heads of States)
	4 Capacity Building
	Capacity building is a crosscutting activity for all the programme

3. EXPECTED RESULT AREAS



RESULT AREA 1:
Updated
WAPP's Grid
Emission Factor
(GEF)

RESULT AREA 2:
Piloted and
Operational MRV
Frameworks

RESULT AREA 4:
WAPP members
trained for post
2020 Climate
Market

RESULT AREA 3:
Piloted and
Operational
Regional Carbon
Market



Thank you

Merci

UPDATING OF THE WEST AFRICAN GRID EMISSION FACTOR

MARTIN BURIAN

17TH SEPTEMBER 2020

PRESENTATION OUTLINE

➤ Grid Emission Factor for Western Africa

- ❖ Delineation of the interconnected power system

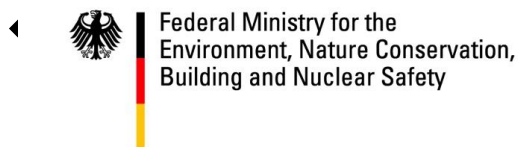
- ❖ Data collection process

➤ SOPs, Forward looking baseline, live monitoring concept

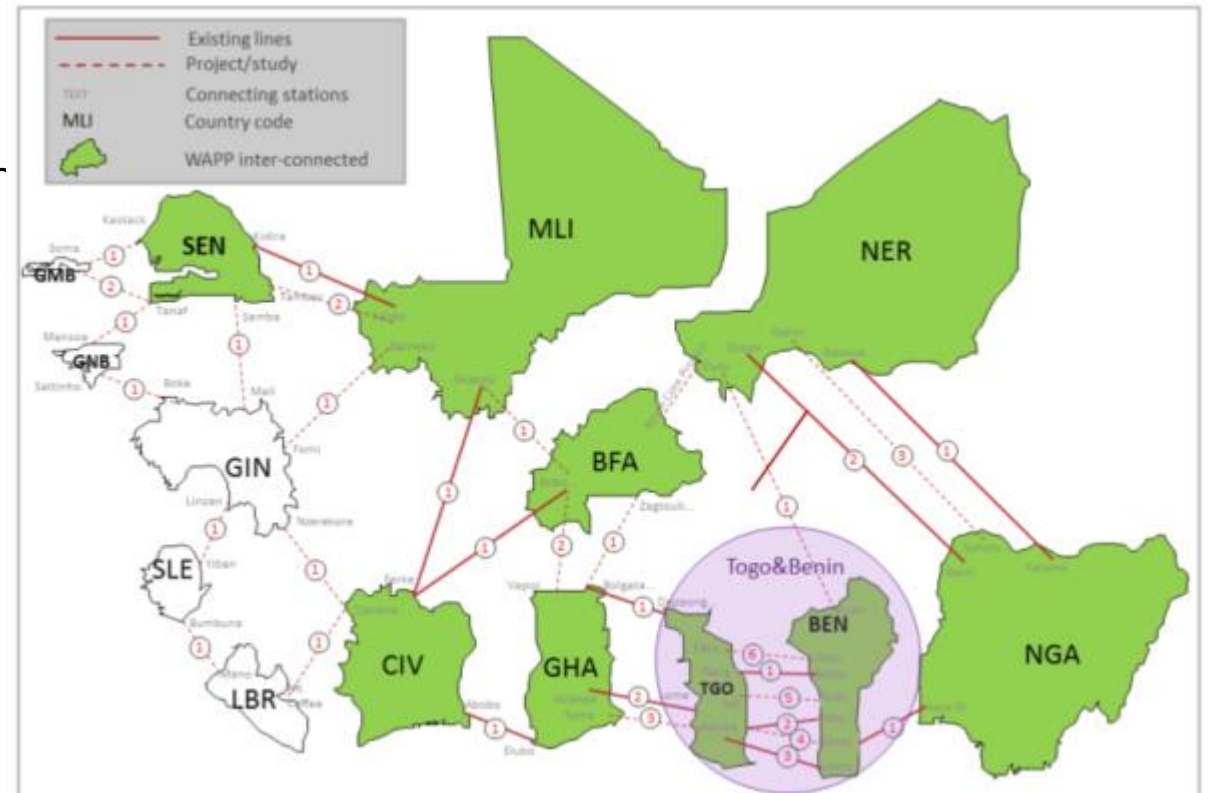
GRID EMISSION FACTOR FOR WESTERN AFRICA

- Grid emission factor (GEF) for West Africa
 - ❖ Developed by WAPP Secretariat, with support from UNEP, funded by Germany
 - ❖ Submitted by: Benin, Burkina Faso, Côte d'Ivoire, Ghana, Mali, Niger, Nigeria, Senegal, *Togo*
 - ❖ Submitting countries based on tie lines
 - ❖ Approved by UNFCCC 2017 (success for WA), validity up to 26 Feb 2021

Supported by:



based on a decision of the German Bundestag



WHAT IS THE GRID EMISSION FACTOR?

- Importance of the GEF
 - ❖ Specifies the average CO₂ intensity of the electricity system in tCO₂ / MWh
 - ❖ Can be used to structure carbon finance (A6) / climate finance / carbon tax
 - ❖ MRV of existing projects
 - ❖ National GHG inventory
 - ❖ Failure to capture CDM opportunities, common among several MS

- Why regional?
 - ❖ Country A = 0 tCO₂/MWh (net exporter), country B = 1tCO₂/MWh;
 - ❖ National approach: No climate/carbon financing for more RE in country A
 - ❖ Aligned with regional energy planning

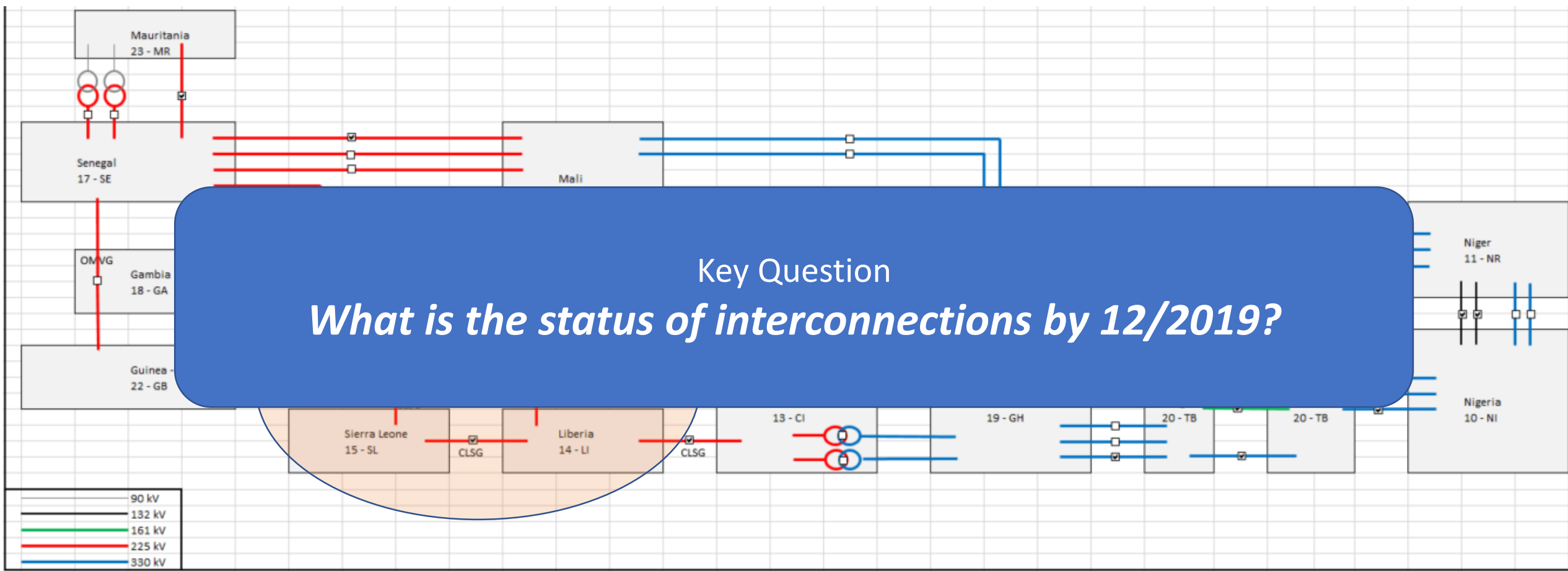


OVERVIEW WORK PACKAGES

- WP1-5 +7: GEF development, validation and training
 - ❖ 1: Inception phase
 - ❖ 2: Feasibility phase
 - ❖ 3: GEF Standardized Baseline Development
 - ❖ 4: Submission & validation
 - ❖ 5: SOPs for updating
 - ❖ 7: Training
- WP6: Forward looking grid emission factor
- WP8: Live monitoring concept

GEF DEVELOPMENT

- STEP 1: Identify the relevant Electricity System





GEF DEVELOPMENT

- STEP 2: Choose whether to include Off-Grid Plants
 - ❖ May add only little to GEF and very data intensive
 - ❖ Not included in initial submission

GEF DEVELOPMENT

- STEP 3: Choose Select a Method to Determine the Operating Margin
 - ❖ Definition of Low-Cost/Must-Runs / Non Low-Cost/Must-Runs
 - ❖ Determination of Low Cost/Must Run Share

Table 2: Determination of the Low-Cost/Must-Run Share					
Year	04/2011-03/2012	04/2012-03/2013	04/2013-03/2014	04/2014-03/2015	04/2015-03/2016
Total electricity generation	283,291,568	278,662,108	279,835,371	281,177,702	280,066,463
Average annual electricity generation in five years	 280,606,642				
Generation from low-cost/must-run power units	60,221,680	57,302,784	60,222,191	65,194,746	64,947,380
Average generation from total grid generation	 61,577,756				
Low-Cost/Must-Run Resource share	21.94%				
Applicability of Simple OM or Average OM	Simple OM				

- ❖ Simple OM appli

GEF DEVELOPMENT

➤ STEP 4: Calculate Operating Margin EF

❖ High data demands

- ❖ Net generation, per plant, per year, for last five years, for all grid connected plants
- ❖ Fuel consumption, per plant, per year, for last five years, for all grid connected plants
- ❖ NCVs / lower heating value of fuels used in thermal power plants, per plant, per year, for last five years, for all grid connected plants

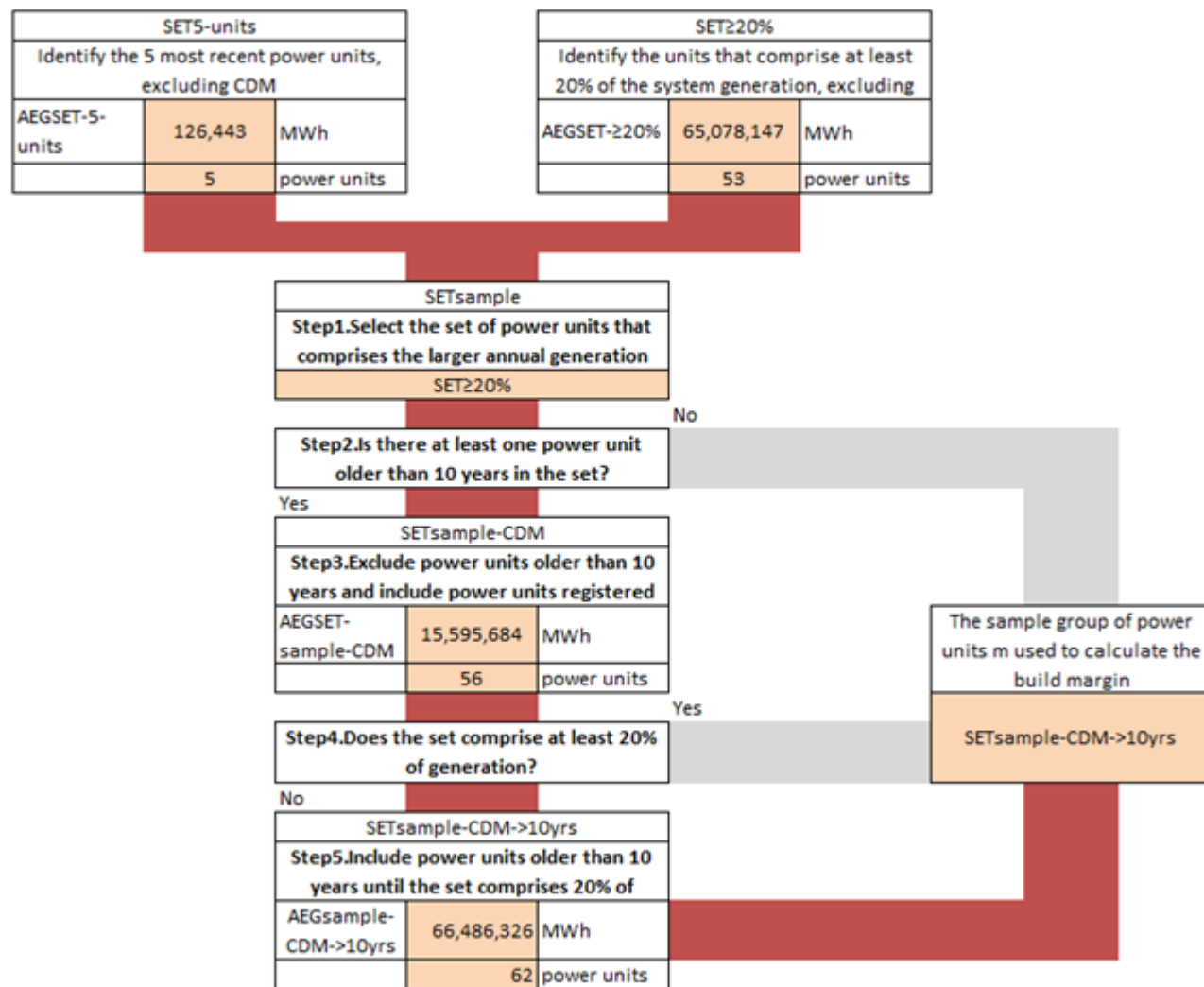
Key Question

How to efficiently & consistently source data for all countries?

GEF DEVELOPMENT

- Step 5: Identify the Group of Power Units in the BM

Figure 2: Procedure for selecting BM Power Plants



GEF DEVELOPMENT

➤ STEP 6: Calculate Build Margin EF

Country	Nr.	Power Plant	EGm,y		
Benin	248	MARIA-GLETA	587	0.00%	0.00%
Niger	636	AGGREKO NY II	23,495	0.06%	0.06%
Burkina Faso	178	KOMSILGA	283,729	0.73%	0.79%
Niger	635	AGGREKO GOUDEL	89,328	0.23%	1.02%
Nigeria	1183	OMOTOSHO NIPP	1,702,645	4.36%	5.37%
Senegal	938	Location APR	281,346	0.72%	6.09%
Senegal	939	Sococim	77,986	0.20%	6.29%
Nigeria	1185	SAPELE NIPP	1,214,458	3.11%	9.40%
Ivory Coast	163	AGGREKO (location, modules de 1,1 MW)	1,114,360	2.85%	12.25%
Togo	1133	ContourGlobal Togo (CGT)	237,306	0.61%	12.86%
Nigeria	1184	OLORUNSOGO II	884,359	2.26%	15.12%
Nigeria	1188	TRANS-AMADI	0	0.00%	15.12%
Nigeria	1190	IBOM	24,257	0.06%	15.19%
Senegal	933	C7 - Kahone 2	630,108	1.61%	16.80%
Togo	1129	LOME B	1,630	0.00%	16.80%
Senegal	936	Kounoune Power	395,301	1.01%	17.82%
Nigeria	1180	GEREGU	996,957	2.55%	20.37%

GEF DEVELOPMENT

- Step 7: Calculate Combined Margin EF
 - ❖ Combination of BM + OM

Project types	1st crediting period					2nd or 3rd crediting period				
	OM	BM	CM	Wom	Wbm	OM	BM	CM	Wom	Wbm
Solar and Wind power project	0.5593	0.5647	0.561	0.75	0.25	0.5593	0.5647	0.561	0.75	0.25
Other renewables	0.5593	0.5647	0.562	0.5	0.5	0.5593	0.5647	0.563	0.25	0.75
Other projects	0.5593	0.5647	0.562	0.5	0.5	0.5593	0.5647	0.563	0.25	0.75

- Validation by utilities & climate change focal points
- Signature by CCF of Togo, endorsement by all others and submission to UNFCCC
- Validation process and QA/QC process through UNFCCC
- Approval by UNFCCC (if successful)

DATA COLLECTION PROCESS

- High data demands
 - ❖ Net generation, per plant, per year, for last five years, for all grid connected plants
 - ❖ Fuel consumption, per plant, per year, for last five years, for all grid connected plans
 - ❖ NCVs / lower heating value of fuels used in thermal power plants, per plant, per year, for last five years, for all grid connected plans
- Confidentiality

Key Questions

How to efficiently & consistently source data for all countries?

What are the correct focal points in your countries?

DATA COLLECTION TEMPLATE

[illegible]

EXAMPLE: BASE DATA SET

No.	Name of Power Unit/country	Date Commissioned			Order in a Same Date	Installed Capacity (MW)	Net Electricity Generation (MWh)					Main Fuel Type/ Energy Source	Main Fuel Consumption (t (mass or volume unit))			Net Calorific Value of Main Fuel (GJ/t (GJ/mass or volume unit))		
		Year	Month	Day			2007	2008	2009	2010	2011		2009	2010	2011	2009	2010	2011
1	Power unit 1	1980	1			25	17.0	160.0	180.0	160.0	170.0	Anthracite	110.0	102.0	107.0	22.7	22.1	22.7
2	Power unit 2	1985	6			40	100,000.0	90,000.0	108,000.0	90,000.0	140,000.0	Residual Fuel Oil	28,000.0	24,000.0	26,000.0			
3	Power unit 3	1987	8			12	45,000.0	44,000.0	46,000.0	43,000.0	44,000.0	Hydro	-	-	-			
4	Power unit 4	1990				35	250,000.0	240,000.0	250,000.0	250,000.0	180,000.0	Residual Fuel Oil	-	-	-			
5	Power unit 5	1995				50	300,000.0	320,000.0	310,000.0	320,000.0	320,000.0	Residual Fuel Oil	73,000.0	74,000.0	75,000.0			
6	Power unit 6	1997	3	5		5	6,000.0	8,000.0	10,000.0	8,000.0	5,000.0	Other Bituminous Coal	-	-	-			
7	Power unit 7	2000				20	40,000.0	50,000.0	40,000.0	50,000.0	50,000.0	Residual Fuel Oil	-	-	-			
8	Power unit 8	2002	4	9		10	40,000.0	70,000.0	30,000.0	70,000.0	35,000.0	Gas/Diesel Oil	-	-	-			
9	Power unit 9	2002	7			40	80,000.0	80,000.0	80,000.0	80,000.0	68,000.0	Hydro	-	-	-			
10	Power unit 10	2004			1	30	80,000.0	90,000.0	40,000.0	90,000.0	44,000.0	Gas/Diesel Oil	10,000.0	20,000.0	10,000.0			
11	Power unit 11	2004			2	45	250,000.0	300,000.0	270,000.0	310,000.0	250,000.0	Residual Fuel Oil	63,000.0	72,000.0	58,000.0			
12	Power unit 12	2008	10	15		15	80,000.0	70,000.0	80,000.0	80,000.0	75,000.0	Hydro	-	-	-			
13	Power unit 13	2009	7	10		13	-	-	-	35,000.0	45,000.0	Residual Fuel Oil	-	9,000.0	12,000.0			
14	Power unit 14	2010				20	-	-	-	-	55,000.0	Wind	-	-	-			

FURTHER WORK PACKAGES

- Standardized Baseline Updating Procedure Development
 - ❖ Development of SOPs for WAPP Secretariat
 - ❖ Validation & Storage --> publically available
- Forward looking baseline
 - ❖ Forward looking GEF and financial thresholds
- Development of a live monitoring concept
 - ❖ Definitions of functions and use (marginal emissions / average emissions)
 - ❖ Linked to WAPP control center

PLANNED SCHEDDDULE

		Work package					September					October					November					December					January					February					March					April					Ma
		36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17												
1	Inception Phase																																														
1.1	Kick-off Meeting for the Study		WS																																												
1.2	Inception Report					R																																									
2	Feasibility Phase																																														
2.1	Submission of Draft Feasibility Study Report							R																																							
2.2	Validation meeting of the feasibility study report								WS																																						
2.3	Submission of the final feasibility study report									R																																					
3	WAPP GEF SB Development																																														
3.1	Submission of WAPP GEF SB calculation spreadsheet for the regional CM											R																																			
3.2	Submission of CDM-PSB-FORM “Proposed SB submission form”											R																																			
3.3	Draft report on the narrative of WAPP grid emission factor											R																																			
3.4	Virtual stakeholders’ consultations												WS																																		
3.5	Report on the outcome of the public consultation													R																																	
3.6	Draft submission submission and confirmation documents														R																																
4	Validation and Approval of the SB																																														
4.1	Validation and acceptability of SB documentation by the UNFCCC Sec																																														
4.2	Publication of GEF for public consultation																						WS																								
5	Development of SOPs for updating the WAPP GEF																																														
5.1	Submission of draft SOP for updating the WAPP GEF																R																														
5.2	Validation meeting (2 meeting days)																			WS																											
5.3	Submission of the final SOP Manual for updating the WAPP GEF																					R																									
6	Forward looking grid emission factor																																														
6.1	Draft report for the forward-looking emission factor																						R																								
6.2	Submission of Comments on forward-looking emission factor Report																							R																							
6.3	Final report for the forward-looking emission factor																								WS																						
7	Training																																														
	(5 meetings days in French and English for 25 people in Abidjan)																																	WS													
8	Development of a live monitoring concept																																														
8.1	Submission of draft concept																												R																		
8.2	Review and validation Meeting																													WS																	
8.3	Submission of the final version of the Concept																														R																
9	Submission of Completion Report																																	R													
	Legend																																														
	Report		R																																												
	Workshop / training		WS																																												

Thank you for your Attention!

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