



UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE, THE
KYOTO PROTOCOL AND THE PARIS AGREEMENT (UNFCCC)

PROJECT PROPOSAL

- Title of the project:** Strengthen the capacity of developing countries to prepare and manage national greenhouse gas (GHG) inventories as a basis for effective Enhanced Transparency Framework under the Paris Agreement.
- Project proposal number:** MDA/2020-2021/SB-009912.01
- Division/sub-programme and official responsible for the project:**
Transparency / MRV/ETF Support:
William Kojo Agyemang-Bonsu, Manager and Dominique Revet, Team Lead
- Mandate:** Article 8, paragraph 2(c) of the Convention; decision 17/CP.8, 1/CP.16, 2/CP.17, FCCC/SBI/2011/17, paragraph 43, FCCC/SBI/2015/10, paragraph 29, decision 1/CP.21, annex; decision 1/CP.24, and decision 18/CMA.1.
- Objectives of the project:** Assist developing countries to develop and maintain sustainable national GHG inventory management systems and apply the 2006 Intergovernmental Panel on Climate Change (IPCC) guidelines for national GHG inventories to serve as a basis for effective implementation of the Enhanced Transparency Framework under the Paris Agreement.
- Duration of the project:**
Starting: 01/01/2020
Ending: 31/12/2021
- Individual activities:**

ACTIVITY	TIMELINE	RESPONSIBILITY
<i>1. Strengthen developing countries national institutions for transparent reporting of GHG inventories and implementation of modalities, procedures and guidelines for the enhanced transparency framework of the Paris Agreement</i>	<i>1 January 2020 – 31 December 2021</i>	<i>Transparency Division (TD)</i>
1.1 Engage two G4 staffs to support capacity building and other GHG related activities	1 January 2020 – 31 December 2021	TD/HR/PGSU



ACTIVITY	TIMELINE	RESPONSIBILITY
1.2 Continue to engage a P3 staff to provide substantive support for all capacity building and other GHG related activities	1 January 2020 – 31 December 2021	TD/HR/PGSU
1.3 Continue to engage a P3 staff to provide substantive support for all capacity building and other Mitigation related activities	1 January 2020 – 31 December 2021	TD/HR/PGSU
1.4 Organize, in collaboration with the IPCC and FAO, 3 regional training workshops per year on sustainable national GHG inventory management systems, including on how to establish and/or strengthen national institutions for the implementation of MPGs (Modalities, Procedures and Guidelines for the Transparency Framework of the Paris Agreement), and on how to effectively use and implement the 2006 IPCC guidelines for national GHG inventories	1 January 2020 – 31 December 2021	TD/PGSU
1.5 Provide technical assistance to developing countries for setting-up sustainable national GHG inventory management systems and implement the 2006 IPCC guidelines	1 January 2020 – 31 December 2021	TD
1.6 Translate into French the training and guidance materials on setting-up and/or maintenance of sustainable national institutional arrangements, and the use of 2006 IPCC guidelines for national GHG inventories	1 January 2020 – 31 December 2021	TD
1.7 Develop training materials on managing uncertainties in national GHG inventories in accordance with the 2006 IPCC Guidelines	1 January 2020 – 31 December 2021	TD
1.8 Organize, in collaboration with the IPCC, on an annual basis, one hands-on training and dissemination workshop on the management of uncertainties in national GHG inventories in accordance with the 2006 IPCC Guidelines	1 January 2020 – 31 December 2021	TD
1.9 Cooperate with the International Energy Agency (IEA) to build the capacity of developing countries to develop and maintain/improve national energy balances as a means of reinforcing transparency in reporting national GHG inventories on a regular basis	1 January 2020 – 31 December 2021	TD/IEA
1.10 Support financially and collaborate with the IPCC TFI TSU on the enhancement of the IPCC inventory Software to improve the GHG inventories from developing countries, including performing testing of the enhanced version of the software.	1 January 2020 – 31 December 2021	TD/IPCC
1.11 Support, on an annual basis, 10 national experts from developing countries to undertake the UNFCCC-GIR-CASTT programme on national GHG inventories	1 January 2020 – 31 December 2021	TD



ACTIVITY	TIMELINE	RESPONSIBILITY
2. Support the enrolment of national experts to e-learning and certification courses of the Greenhouse Gas Management Institute (GHG-MI) on 2006 IPCC Guidelines for national GHG inventories	1 January 2020 – 31 December 2021	TD
2.1 Encourage developing countries to enrol at least 2 experts per year for e-learning and certification	1 January 2020 – 31 December 2021	TD
2.2 Collaborate with GHG-MI for the use of their e-learning courses on 2006 IPCC Guidelines for national GHG inventories	1 January 2020 – 31 December 2021	TD/GHG-MI
2.3 Translate and make available GHG-MI e-learning courses on 2006 IPCC Guidelines into Spanish	1 January 2020 – 31 December 2021	TD
2.4 Support national experts to undertake online GHG-MI training and certification programme in English, French and Spanish	1 January 2020 – 31 December 2021	TD
3. Promote quality assurance of national GHG inventories through the sharing of data and analysis of the accuracy of the emission/removal estimates	1 January 2020 – 31 December 2021	TD
3.1 Develop and disseminate guidance materials for quality assurance of GHG inventory management systems and latest GHG inventory estimates, establish, host and maintain IT tools and mechanisms necessary to support the implementation of the quality assurance of national GHG inventories	1 January 2020 – 31 December 2021	TD
3.2 Organize, in collaboration with the FAO, 7 regional quality assurance workshops per year	1 January 2020 – 31 December 2021	TD
3.3 Support on demand self-organized peer-to-peer collaborative learning amongst developing countries	1 January 2020 – 31 December 2021	TD
4. Support the integration of remote sensing and ground data to help estimate land sector greenhouse gas emissions and removals to produce policy-relevant information, as well as the estimation of the mitigation potential of GHG emissions	1 January 2020 – 31 December 2021	TD
4.1 Cooperate with the Moja Global team, Global Forest Observations Initiative (GFOI) and Food and Agriculture Organization (FAO) on the organization of training of developing countries on the use of land-based integrated GHG inventory tool (Moja Global)	1 January 2018 – 31 December 2019	TD/Moja Global
4.2 Cooperate with the FAO and the Intergovernmental Panel on Climate Change (IPCC) to build the capacity of developing countries to support the implementation of the	1 January 2020 – 31 December 2021	TD/FAO



ACTIVITY	TIMELINE	RESPONSIBILITY
enhanced transparency framework in the Agriculture, Forestry and Other Land Use (AFOLU) Sector		

8. Outputs and their use:

Outputs and results	Their expected use/impacts
Contribution to enhanced capacities of non-Annex I Parties in establishing and/or maintaining sustainable national GHG inventory management systems will lead to greater transparency through the development and submission of quality national GHG inventory reports on a continuous basis.	The successful use and dissemination of training materials on the setting-up of sustainable national greenhouse gas inventory management systems will facilitate their implementation and contribute to the improvement of the preparation of national GHG inventory reports from developing countries, thereby leading to improved accuracy, consistency and transparency of information reported in their national reports.
Regional workshops for the training of national experts on the 2006 IPCC Guidelines for national GHG inventories, including the IPCC inventory software, will improve the quality and transparency of national GHG inventory reports to be submitted on a frequent basis.	Training of non-Annex I Party experts on the latest IPCC methodology for national GHG inventories, including the use of the IPCC inventory software, is critical for the timely delivery of quality national GHG inventory reports. The training will be provided through regional workshops, where guidance and support will be provided to developing countries for transparent reporting of national GHG inventories.
Enrolment of national experts to e-learning courses, designed by the Greenhouse Gas Management Institute (GHG-MI), on the 2006 IPCC Guidelines for national GHG inventories for their certification with a view to increasing the pool of experts required in each country to prepare and submit quality national GHG inventory reports on a regular basis.	After each regional workshop, developing countries from the region will have the opportunity to enrol, at least 2 national experts covering all IPCC sectors for GHG inventory, in e-learning courses on the 2006 IPCC Guidelines for national GHG inventories in English, French, or Spanish. This will significantly increase the pool of certified experts, hence improve the transparency of information reported in national reports. These experts could also participate in the team of technical experts to conduct the analysis of biennial update reports (BURs) as part of the international consultation and analysis (ICA) process, and they could also participate in the technical assessment of REDD+ reference levels.
Understanding and applying best practices relevant to the setting-up of domestic components of the enhanced transparency framework under the Paris Agreement.	Linking the setting-up of sustainable national GHG inventory management systems with the training of developing country experts on the latest IPCC methodology for national GHG inventories will be done with the objective of providing a sound basis for mitigation actions and quantification of their effects as important component of the Nationally Determined Contributions.
Workshops/meetings/missions at the regional, sub-regional and national level for the training of national GHG inventory teams on tools that will improve the	The dissemination of the most up-to date information on the process of, and preparation of national reports, as well as the tools and methods available to developing countries for their national GHG inventories, is critical for the timely delivery of



Outputs and results	Their expected use/impacts
inventory compilation process; disseminate information on the use of the UNFCCC guidelines, and exchange of experience among experts on issues relating to the preparation of national GHG inventories and related issues.	quality national reports. The dissemination of such information is done at the international, regional, sub-regional and national level.
Quality assurance workshops of national GHG inventory management systems and reports will improve the GHG inventories quality and transparency of reporting from developing countries.	Quality assurance of national GHG inventory management systems and inventory reports will, on a voluntary basis, enhance the capacity of national experts involved in the process of the preparation of national greenhouse gas inventories to develop high quality, transparent, national inventory reports and maintain sustainable national GHG inventory management systems. The quality assurance workshops will also increase the field of inventory experts eligible to participate in official UNFCCC technical examinations and reviews, as all participants of the workshops will be required to be registered on the UNFCCC Roster of Experts.
Dissemination of information on the application of the modalities, procedures and guidelines (MPGs) related to national GHG inventories will improve their understanding and implementation by developing countries.	The successful use and dissemination of training materials on the MPGs related to national GHG inventories through the training of developing country experts is critical for the timely and comprehensive implementation of the framework for transparency of action and support under the Paris Agreement. The training will be provided through regional workshops where guidance and support will be provided to developing countries.

9. Project budget in EUR:

Umoja Class of Expenditure	2020	2021	Total Biennium	Details
Staff	366,000	366,000	732,000	2020: 2 G4 and 2 P3; 2021: 2 G4 and 2 P3;
Consultants	295,816	160,200	456,016	2020: 12 consultants (@P3 level) for 10 days each to prepare and perform the quality assurance of developing countries' national GHG inventories; 2 consultants (@P4 level) for 4 months each to support setting-up of GHG inventory



Umoja Class of Expenditure	2020	2021	Total Biennium	Details
				management systems in 3 regions; 3 consultants (@P4 level) for 3 months each to develop the Rules Based Projection Module for Moja, to allow countries to forecast the impacts of forest related policies/actions from their NDCs, using the FLINT; 1 consultant to translate the new QA Template into Spanish; 1 consultant for Global Energy Statistics for GHG inventory compilation and mitigation Workshop (IEA); 2 consultants (@P4 level) for 24 days each to perform the mid-term evaluation of the GHG Project (2018-2019); 1 consultant for developing materials and providing training at a Workshop on managing uncertainties in GHG inventories. 2021: 20 consultants (@P3 level) for 10 days each to prepare and perform the quality assurance of developing countries'



Umoja Class of Expenditure	2020	2021	Total Biennium	Details
				national GHG inventories; 2 consultants (@P4 level) for 4 months each to support setting-up of GHG inventory management systems in 3 regions; 1 consultant for Global Energy Statistics for GHG inventory compilation and mitigation Workshop (IEA); 1 consultant for a Workshop on managing uncertainties in GHG inventories.
FT30_Class_010 Staff personnel	661,816	526,200	1,188,016	
FPA to ICT	1,115,000	15,000	1,130,000	2020: Enhancement of the IPCC GHG inventory Software to improve the GHG inventories from developing countries; hosting of IT tool to support the implementation of quality assurance of GHG inventories. 2021: Enhancement of the IPCC GHG inventory Software to improve the GHG inventories from developing countries; hosting of IT tool to support the implementation of quality assurance of GHG inventories.



Umoja Class of Expenditure	2020	2021	Total Biennium	Details
Contractual Services	194,040	194,040	388,080	<p>2020: Cost of enrolment of two developing country experts in e-learning courses from GHG-MI.</p> <p>2021: Cost of enrolment of two developing country experts in e-learning courses from GHG-MI.</p>
FT30_Class_120 Contractual Services	1,309,040	209,040	1,518,080	
Operating expenses	326,100	432,350	758,450	<p>2020: Rental of facilities and logistics for Africa regional workshop on institutional arrangements and 2006 IPCC guidelines; Rental of facilities and logistics for Latin America and the Caribbean regional workshop on institutional arrangements and 2006 IPCC guidelines; Simultaneous translation services during Africa regional training workshop on institutional arrangements and 2006 IPCC guidelines; Simultaneous translation services</p>



Umoja Class of Expenditure	2020	2021	Total Biennium	Details
				<p>during Latin America and Caribbean regional training workshop institutional arrangements and 2006 IPCC guidelines; Rental of facilities and logistics for 6 GHG inventory quality assurance workshops; Simultaneous translation services during 4 GHG inventory quality assurance workshops; Rental of facilities and logistics for GHG inventory quality assurance stocktake workshop; Simultaneous translation services during GHG inventory quality assurance stocktake workshop; Rental of facilities, logistics and translation services for Global Energy Statistics for GHG inventory compilation and mitigation Workshop (IEA); Rental of facilities and logistics for Global Workshop on Managing Uncertainties in</p>



Umoja Class of Expenditure	2020	2021	Total Biennium	Details
				GHG inventories; Simultaneous translation services for Global Workshop on Managing Uncertainties in GHG inventories. 2021: Rental of facilities and logistics for Africa regional workshop on institutional arrangements and 2006 IPCC guidelines; Rental of facilities and logistics for Latin America and the Caribbean regional workshop on institutional arrangements and 2006 IPCC guidelines; Rental of facilities and logistics for Asia-Pacific and Eastern Europe regional workshop on institutional arrangements and 2006 IPCC guidelines; Simultaneous translation services during Africa regional training workshop on institutional arrangements and 2006 IPCC guidelines; Simultaneous



Umoja Class of Expenditure	2020	2021	Total Biennium	Details
				translation services during Latin America and Caribbean regional training workshop institutional arrangements and 2006 IPCC guidelines; Rental of facilities and logistics for 10 GHG inventory quality assurance workshops; Simultaneous translation services during 6 GHG inventory quality assurance workshops; Rental of facilities and logistics for GHG inventory quality assurance stocktake workshop; Simultaneous translation services during GHG inventory quality assurance stocktake workshop; Rental of facilities, logistics and translation services for Global Energy Statistics for GHG inventory compilation and mitigation Workshop (IEA); Rental of facilities and logistics for Global Workshop on Managing



Umoja Class of Expenditure	2020	2021	Total Biennium	Details
				Uncertainties in GHG inventories; Simultaneous translation services for Global Workshop on Managing Uncertainties in GHG inventories.
TCO	67,200	67,200	134,400	2020: TCO for 2 G4 and 2 P3 staff. 2021: TCO for 2 G4 and 2 P3 staff.
FT30_Class_125 Operating Costs	393,300	499,550	892,850	
Staff travel	77,000	102,000	179,000	2020: 4 staff supporting Africa regional training workshop on institutional arrangements and 2006 IPCC guidelines; 3 staff supporting Latin America and the Caribbean regional training workshop on institutional arrangements and 2006 IPCC guidelines; 3 staff supporting 3 GHG inventory quality assurance workshops for Africa; 1 staff supporting 3 GHG inventory quality assurance workshops for Latin America and the Caribbean; 2 staff supporting 3 GHG inventory quality assurance workshops for Asia-



Umoja Class of Expenditure	2020	2021	Total Biennium	Details
				<p>Pacific and Eastern Europe; 3 staff supporting the GHG inventory quality assurance stocktake workshop; 3 staff supporting the Global Workshop on Managing Uncertainties in GHG inventories; 3 staff supporting the Global Energy Statistics for GHG inventory compilation and mitigation Workshop (IEA); 1 staff supporting WGIA workshop.</p> <p>2021: 4 staff supporting Africa regional training workshop on institutional arrangements and 2006 IPCC guidelines; 3 staff supporting Latin America and the Caribbean regional training workshop on institutional arrangements and 2006 IPCC guidelines; 3 staff supporting Asia-Pacific and Eastern Europe regional training workshop on institutional arrangements and 2006 IPCC</p>



Umoja Class of Expenditure	2020	2021	Total Biennium	Details
				<p>guidelines; 3 staff supporting 3 GHG inventory quality assurance workshops for Africa; 3 staff supporting 3 GHG inventory quality assurance workshops for Latin America and the Caribbean; 3 staff supporting 3 GHG inventory quality assurance workshops for Asia-Pacific and Eastern Europe; 3 staff supporting the GHG inventory quality assurance stocktake workshop; 2 staff supporting 1 training workshop from FAO/CBIT; 3 staff supporting the Global Workshop on Managing Uncertainties in GHG inventories; 3 staff supporting the Global Energy Statistics for GHG inventory compilation and mitigation Workshop (IEA); 1 staff supporting WGIA workshop.</p>
Consultancy travel	97,000	119,400	216,400	<p>2020: 2 consultants supporting setting-up of GHG inventory management systems; 19 consultants</p>



Umoja Class of Expenditure	2020	2021	Total Biennium	Details
				<p>supporting GHG inventory quality assurance workshops; 2 consultants to perform the mid-term evaluation of the GHG Project; 1 consultant for Global Workshop on Managing Uncertainties in GHG inventories; 1 consultant for Global Energy statistics workshop.</p> <p>2021: 2 consultants supporting setting-up of GHG inventory management systems; 26 consultants supporting GHG inventory quality assurance workshops; 2 consultants to perform the mid-term evaluation of the GHG Project; 1 consultant for Global Workshop on Managing Uncertainties in GHG inventories; 1 consultant for Global Energy statistics workshop.</p>
Travel of participants	619,344	913,700	1,533,044	<p>2020: Regional training workshop on institutional arrangements and 2006 IPCC</p>



Umoja Class of Expenditure	2020	2021	Total Biennium	Details
				<p>guidelines for Africa; Regional training workshop on institutional arrangements and 2006 IPCC guidelines for Latin America and the Caribbean; GHG inventory quality assurance stocktake workshop; 51 participants for the Global Energy Statistics for GHG inventory compilation and mitigation Workshop; 40 participants attending the Global Workshop on Managing Uncertainties in GHG inventories.</p> <p>2021: Regional training workshop on institutional arrangements and 2006 IPCC guidelines for Africa; Regional training workshop on institutional arrangements and 2006 IPCC guidelines for Latin America and the Caribbean; Regional training workshop on institutional arrangements and 2006 IPCC guidelines for Asia-</p>



Umoja Class of Expenditure	2020	2021	Total Biennium	Details
				Pacific and Eastern Europe; GHG inventory quality assurance stocktake workshop; 51 participants for the Global Energy Statistics for GHG inventory compilation and mitigation Workshop; 10 participants attending 4 weeks long CASTT GHG Training; 40 participants attending the Global Workshop on Managing Uncertainties in GHG inventories; 30 participants attending 3 self-organized peer-to-peer collaborative learning amongst developing countries.
FT30_CLASS_160 Travel	793,344	1,315,100	1,928,444	
Subtotal	3,157,500	2,369,890	5,527,390	
FT30_CLASS_155 UN-PSC (13%)	410,475	308,086	718,561	
Grand Total	3,567,975	2,677,976	6,245,951	

10. Source of funding:

- a. Contributions – current biennium
none
- b. Pledges and outstanding payments
none

11. Level of urgency to secure additional funding

Funding is required immediately, to enable the activities in accordance with their timelines.

Project proposal submitted by:

Project proposal endorsed by:



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Donald Cooper
Director, MDA Programme

Signature: _____

Date: _____

Patricia Espinosa Cantellano
Executive Secretary

Signature: _____

Date: _____