

**ENFORCEMENT BRANCH
OF THE COMPLIANCE COMMITTEE**

CC-2011-2-13/Ukraine/EB*
7 February 2012

**ПОСОЛЬСТВО УКРАЇНИ У
ФЕДЕРАТИВНІЙ РЕСПУБЛІЦІ
НІМЕЧЧИНА**

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**BOTSCHAFT DER UKRAINE IN
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Mr. Dan Bondi Ogolla
Secretary
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UNFCCC Secretariat

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*07. February 2012
№61212/24-645-266*

Dear Mr. Bondi Ogolla,


Pursuant to paragraph 24 (b) of the preliminary finding (CC-2011-2-6/Ukraine/EB), confirmed by the final decision of the Enforcement Branch concerning Ukraine (CC-2011-2-9/Ukraine/EB) and according to paragraph 3 of section XV of the annex to decision 27/CMP.1. "Procedures and mechanisms relating to compliance under the Kyoto Protocol",

Please find enclosed the First Progress report on implementation of the Compliance Action Plan, developed in accordance with paragraph 24 (b) of the preliminary finding (CC-2011-2-6/Ukraine/EB), confirmed by the final decision of the Enforcement Branch concerning Ukraine (CC-2011-2-9/Ukraine/EB) and Section XV, paragraph 2 and submitted in accordance with paragraph 5 of the Decision on the review and assessment of the plan submitted under paragraph 2 of section XV (CC-2011-2-11/Ukraine/EB) and paragraph 3 of Section XV of the annex to decision 27/CMP.1.

Please accept, dear Mr. Bondi Ogolla, the assurances of highest consideration.

Sincerely yours,

Charge d'affaires a.i.


Vasyl Khymynets

* This document has been reissued for technical reasons.

FIRST PROGRESS REPORT

submitted in accordance with paragraph 5 of the Decision on the review and assessment of the plan submitted under paragraph 2 of section XV(CC-2011-2-11/Ukraine/EB) adopted by the Enforcement Branch concerning Ukraine and in accordance with section XV, paragraph 3 of the Procedures and mechanisms relating to compliance under the Kyoto Protocol

**February 3, 2012
Kyiv, Ukraine**

PREFACE

1. Ukraine is pleased to present First Progress report to the enforcement branch in response to the decision on the review and assessment of the plan submitted under paragraph 2 of section XV (CC-2011-2-11/Ukraine/EB) adopted by the enforcement branch concerning Ukraine and section XV, paragraph 3 of the “Procedures and mechanisms relating to compliance under the Kyoto Protocol” (annex to decision 27/CMP.1).
2. The question of implementation relates to Ukraine’s compliance with the “Guidelines for national systems for the estimation of anthropogenic greenhouse gas emissions by sources and removals by sinks under Article 5, paragraph 1, of the Kyoto Protocol” adopted by decision 19/CMP.1 and its conformity with the applicable provisions of the Kyoto Protocol and related decisions adopted by the Conference of the Parties serving as the Meeting of the Parties to the Kyoto Protocol.
3. The question of implementation is related to the eligibility requirement referred to in paragraph 31 (c), annex to decision 3/CMP.1, paragraph 21 (c), annex to decision 9/CMP.1 and paragraph 2 (c), annex to decision 11/CMP.1 as a result of which, the expedited procedures contained in section X of the Procedures and mechanisms applied.

MEASURES THAT UKRAINE HAS IMPLEMENTED

Ukraine has conducted a thorough analysis of the reasons that led to the decision to find Ukraine non-compliant under the Kyoto Protocol.

Today Ukraine can demonstrate established a clear interaction between governmental institutions, agencies and research institutes. The question of the functioning of the National Inventory System is in direct control of the Prime Minister of Ukraine. Ministry of Environment and Natural Resources of Ukraine and State Environmental Investment Agency of Ukraine work on priority issue to ensure compliance of Ukraine with the requirements of the United Nation Convention on Climate Change and the Kyoto Protocol.

Under Presidential Decree № 455/2011 and corresponding regulatory legal acts of the Cabinet of Ministers of Ukraine, the State Environmental Investment Agency is a single national entity which is responsible for inventory planning, development and management and is an executive agency designated to support the operation of the National Inventory System.

To date, major measures have been implemented to improve the National Inventory System as per the Guidelines for National Systems under Article 5, paragraph 1, of the Kyoto Protocol adopted by Decision 19/CMP.1. These improvements were reflected in Ukraine's 2011 submission and reviewed during an in-country review that took place on October 10-15, 2011. Corresponding report of the review of the annual submission of Ukraine submitted in 2011 (FCCC/ARR/2011/UKR) was published on 13 January 2012. As a result, the ERT found no unresolved problems pertaining to the language of a mandatory nature, as defined by paragraph 8 of the Guidelines for review under Article 8 of the Kyoto Protocol adopted by Decision 22/CMP.1.

The ERT concluded in 2011 ARR that

- the national system of Ukraine performs its required functions. Ukraine has put in place the mandatory requirements for a national system under Article 5, paragraph 1, of the Kyoto Protocol and the national system is generally prepared in accordance with the "Guidelines for national systems under Article 5, paragraph 1, of the Kyoto Protocol" (decision 19/CMP.1);
- the national system of Ukraine demonstrates a considerable improvement since the last annual submission;
- no questions of implementation were identified during the review.

Table 1 of the "Plan of Ukraine in accordance with section XV, paragraph 2 of the Procedures and mechanisms relating to compliance under the Kyoto Protocol"

(Action Plan) showed that Ukraine has taken all necessary actions to fulfill the recommendations of Expert Review Team as set out in the annual review report FCCC/ARR/2010/UKR as of November 2011.

In particular, questions of the following sectors were resolved and were positively described in FCCC/ARR/2011/UKR. The major improvements are as follows: Energy sector (§§ 21, 40, 41, 43-46, 50(a), 50(b), 50(c), 54, 55, 57, 60, 61, 64), Industrial Processes (§§ 40, 41, 74-76, 78, 82, 84, 85, 89, 90, 91, 93, 94) , Agriculture (§§ 103, 105-107, 110, 115-117, LULUCF (§§ 10, 11, 21, 23, 25, 34, 123-125, 130, 131, 133, 160, 161, 164-169, 171, 188), Cross-cutting issues (§§ 13, 21, 22, 24, 34, 32, 40, 41, 45, 76), QA/QC (§ 31).

Table below presents progress of Additional Measures necessary for ensuring the effective and timely functioning of the National Inventory System of Ukraine in accordance with the requirements of the Guidelines for national systems under Article 5, paragraph 1 of the Kyoto Protocol adopted by Decision 19/CMP.1.

Table – Progress of Additional Measures necessary for ensuring the effective and timely functioning of Ukrainian National Inventory System

Issue	Improvement for 2012 and next submissions	Priority (high/medium/low)	Improvement to be implemented in a submission	Progress of Implementation as of February 2012
General functions of national inventory system & Completeness				
§ 37(i)(d)(j)(g)(k) FCCC/ARR/2010/UKR	Research project “Database development and maintenance for areas and types of activity characteristics on afforestation and deforestation, and forest management” is developed by Research Institute of Ukrainian Order “Badge of Honor” of Forestry and agromelioration named after G.M. Vysotsky.	High	Submission 2012 15/04/2012	Data across all administrative units is collected. Output fed into Ukraine’s 2011 submission. Results for three provinces of Ukraine presented to ERT during in-country review of Ukraine’s 2011 submission. Feedback is positive. The work on populating a detailed GIS database for activities under pp. 3 and 4 of Article 3 of KP is under development.
Energy sector				
§ 41 FCCC/ARR/2010/UKR Activity data for reference approach for 1991-1997	Collect activity data for 1991-1997 to apply reference approach.	Medium	Submission 2012 15/04/2012	Completed. Activity data for 1991-1997 to complete the CRF tables for the reference approach are collected. Estimates of emissions in 1991-1997 using the reference approach will be provided in 2012 official submission of Ukraine.
§ 42 FCCC/ARR/2010/UKR Country-specific EFs for natural gas	Collect input data and calculate country-specific EFs for natural gas which extracted in Ukraine.	High	Submission 2012 15/04/2012	Processing of raw data is finished. Calculation of country-specific EFs for natural gas which extracted in Ukraine is in progress.
§ 42 FCCC/ARR/2010/UKR Country-specific EFs for gasoline and diesel oil	Collect input data and calculate country-specific EFs for gasoline and diesel oil used in Ukraine.	Medium	Submission 2013 October 2012	Work on determination of country-specific EFs for gasoline and diesel oil used in Ukraine is entered to the plan of financing of the SEIA.

First Progress report of Ukraine in accordance with section XV, paragraph 3 of the Procedures and mechanisms relating to compliance under the Kyoto Protocol

Issue	Improvement for 2012 and next submissions	Priority (high/medium/low)	Improvement to be implemented in a submission	Progress of Implementation as of February 2012
§ 58 FCCC/ARR/2010/UKR Use higher tier methods to assess non-CO2 emissions	Research project "Development of Methodology for calculation and determination of greenhouse gas emissions volumes from mobile sources" is carried out by the State Car Transport Scientific Research and Projecting Institute.	High	Submission 2012 15/04/2012	The first edition of Methodology and preliminary results of the assessment of GHG emissions from mobile sources for the period 1990 - 2010 are developed and submitted to SEIA as an interim report.
§ 3.3.1.6NIR2011 Adjustment of coal mine methane emissions assessment	Research project "Development of Methodology for calculation and assessment of methane emissions from coal mines" is carried out by the Makeevka State Research Institute for Safety in Mining.	Medium	Submission 2012 15/04/2012	Methodology for calculating of methane emissions in coal mining and evaluation of coal mine methane emissions is developed.
Industrial processes				
§36(a) FCCC/ARR/2010/UKR The development of country-specific EF CO2 emissions from cement production	Research project "Development of Methodology for calculation and determination of carbon dioxide emissions from cement production" is carried out by Institute on the design and research projects "Yuzhgiprotsement".	High	Submission 2012 15/04/2012	Methodology is developed.
§36(a) FCCC/ARR/2010/UKR The development of country-specific EF CO2 emissions from ferroalloys	Research project "Development of Methodology for calculation and determination of carbon dioxide emissions from the production of iron, steel and ferroalloys" is carried out by Ukrainian State Scientific and Engineering Center for technology and equipment, metals working, environmental protection and secondary resources utilization for metallurgy and machine-building "Energostal".	High	Submission 2012 15/04/2012	Methodology on estimation of carbon dioxide emissions from the production of iron, steel and ferroalloys Ukraine is developed.
§36(a) FCCC/ARR/2010/UKR The development of country-specific EF CO2 emissions from	Research project "Development of Methodology for calculation and determination of carbon dioxide emissions from limestone and dolomite usage" is carried out by Ukrainian State Scientific and Engineering Center for technology	High	Submission 2012 15/04/2012	Conducted work: 1. Methodology for estimation of the balance of production and use of limestone and dolomite in Ukraine with the distribution of

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Issue	Improvement for 2012 and next submissions	Priority (high/medium/low)	Improvement to be implemented in a submission	Progress of Implementation as of February 2012
limestone and dolomite use	and equipment, metals working, environmental protection and secondary resources utilization for metallurgy and machine-building "EnergoStal".			limestone and dolomite use for different types of production and in various industries. 2. Methodology for determining data on activity, according to state and/or administrative statistical reporting when using limestone and dolomite required for the application of inventory methods in accordance with the Revised Guidelines for National Greenhouse Gas Inventories (IPCC, 1996), taking into account the approaches of the Revised Guidelines for National Greenhouse Gas Inventories (IPCC, 2006).
§ 62, 63 FCCC/ARR/2010/UKR Emissions of HFC, PFC and SF6	Research project "Development of Methodology for calculation and determination of hydrofluorocarbons, perfluorocarbons and sulfur hexafluoride emissions" is carried out by Cherkasy Institute of technical and economic information in the chemical industry.	High	Submission 2012 15/04/2012	Conducted work: 1. Working matrix for data collection and processing for calculating emissions of HFCs, PFCs and HFS in the categories: foam materials, fire tools, aerosol and metered-dose inhalers, refrigeration and stationary air-conditioning, mobile air conditioning, solvents, electric equipment; 2. Data collection of administration and state statistical reporting on production, export, import and

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Issue	Improvement for 2012 and next submissions	Priority (high/medium/low)	Improvement to be implemented in a submission	Progress of Implementation as of February 2012
				<p>use of commercial products (substances themselves, mixtures, products, equipment) that contains HFCs, PFCs and HFS for the period 1990-2010 clustering categories:</p> <ol style="list-style-type: none"> 3. Developed (status - working options) sector analysis (sector market research) and carried out pre-processing of data and determined subcategories in prescribed time period; 4. Calculation of emissions of HFCs, PFCs and HFS in the categories: foam materials, fire tools, aerosol and metered-dose inhalers, refrigeration and stationary air-conditioning, mobile air conditioning, solvents, electric equipment and determined subcategories in prescribed time period (working version); 5. Methodology of calculation emissions of HFCs, PFCs and sulfur hexafluoride at the national level (working version).
§ 60, 64 FCCC/ARR/2010/UKR	Research project "Development of Methodology for calculation and determination of carbon dioxide emissions from the production of chemical products" is carried out	Medium	Submission 2013 October 2012	The concept of scientific and methodological principles for determination of carbon dioxide emissions from the production of

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Issue	Improvement for 2012 and next submissions	Priority (high/medium/low)	Improvement to be implemented in a submission	Progress of Implementation as of February 2012
	by Cherkasy Institute of technical and economic information in the chemical industry.			chemical products is developed.
Agriculture				
§36(a) FCCC/ARR/2010/UKR The development of country-specific direct N ₂ O emissions from agricultural soils	Research project "Development of Methodology for calculation and determination of nitrous oxide emissions from agricultural soils" is carried out by the State Scientific and Technological Center of soil fertility of the Ministry of Agrarian Policy of Ukraine "Tsentrdzhrodyuchist."	Medium	Submission 2013 October 2012	The concept of scientific and methodological principles and Methodology for determination of nitrous oxide EF from agricultural soils is developed.
KP-LULUCF				
§ 37(g), 144-146 FCCC/ARR/2010/UKR	Research project "Identification of stocks of carbon for land use category "Forests" in the reservoirs of biomass (living and dead), litter and soil in the context of climatic zones" is developed by Research Institute of Ukrainian Order "Badge of Honor" of Forestry and agromelioration named after G.M. Vysotsky.	High	Submission 2013 October 2012	Results of this research project used and reflected in the 2011 submission of Ukraine. In addition, collection of field data (samples of organic material of forest pools per nature zones) for laboratory analysis is completed. Identification of EFs for CSC of forest pools of dead biomass and litter as well as soil pool scientific confirmations of non-emissionary increase in organic materials is expected in October 2012..
Waste				
§36(c) FCCC/ARR/2010/UKR The development of national model for calculation of GHG emissions from landfills	Research project «Research of landfill gas production of the largest municipal solid waste (MSW) landfills and transfer to the three component national model for calculation of GHG emissions from landfills in Ukraine" is carried out by the Institute of Engineering	Medium	Submission 2012 15/04/2012	Conducted work: 1. Analysis of conducted research of landfill gas production in Ukraine 2. Evaluation of the applicability of data available from the current JI

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Issue	Improvement for 2012 and next submissions	Priority (high/medium/low)	Improvement to be implemented in a submission	Progress of Implementation as of February 2012
	Thermophysics of National Academy of Sciences of Ukraine.			LFG projects 3. Justification of the possibility for transfer to the three component national model for calculation of GHG emissions from landfills in Ukraine 4. Determination of the country specific values for national model based on newly available data of landfill gas production and MSW composition researches (DOCj, kj etc.) 5. Analysis of completeness of national and regional statistical data regarding MSW generation, transportation, treatment and landfilling 6. Estimation of uncertainty of CH4 emissions from SWDS attributable by to the method and to the activity data and parameters.
§ 36(b) FCCC/ARR/2010/UKR The development of country-specific nitrous oxide emission factors from the waste water treatment	Research project "Research of methane and nitrous oxide emissions from the waste water treatment and the development of Methodology for determining of national emission factors" is carried out by the Institute of Engineering Thermophysics of National Academy of Sciences of Ukraine.	Medium	Submission 2012 15/04/2012	Conducted work: 1. Justification of the treatment structure and discharge pathways for municipal and rural wastewater systems in Ukraine 2. Adjustment of activity data, determination and ranking of the most important GHG emission sources (CH4 and N2O) from

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Issue	Improvement for 2012 and next submissions	Priority (high/medium/low)	Improvement to be implemented in a submission	Progress of Implementation as of February 2012
				<p>industrial wastewater</p> <ol style="list-style-type: none"> 3. Justification of the treatment structure for the most important industrial wastewater systems in Ukraine 4. Adjustment when possible country specific emission factors for different types of municipal, rural, and industrial wastewater 5. Analysis of completeness of national and regional statistical data regarding wastewater treatment, evaluation of GHG emissions from wastewater 6. Estimation of uncertainty of CH₄ and N₂O emissions from wastewater attributable by to the method and to the activity data and parameters.
