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Summary

Ref Nr	Description	Value	Comments
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P2.0.4	Previous annual review report reference	FCCC/ARR/2008/UKR (30/01/2009)	

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1. Introduction

The SIAR Part 2 report assesses the substance of a Party's annual submission with regard to its national registry. Each section contains questions related to the specific items to be assessed.

1.1. Overall assessment

Ref Nr	Requirement	Assessment
P2.1.1	Is the information submitted by Party, in relation to its national registry, complete?	[x]Yes []No
P2.1.2	Problem found with Party's national registry?	[] Yes [x] No
P2.1.3	Any unresolved problem with Party's national registry?	[] Yes [x] No
P2.1.4	Problems identified with the significant changes to the Party's national registry?	[] Yes [x] No
P2.1.5	National registry related recommendations from previous annual review were fully addressed?	[x]Yes []No
P2.1.6	Is there any recommendation that needs to be addressed by the Party?	[x]Yes []No

1.2 Summary of findings

Ref Nr		Summary of findings
P2.2.1	acc trar	e information on Kyoto Protocol units has been reported in accordance with section I.E of the annex to decision 15/CMP.1 and is curate. The national registry fulfills the requirements related to its reporting and accounting of information on Kyoto Protocol units, insaction procedures, conformance to the technical standards, public availability of information, security, data integrity, and recovery assures.
	The	raine has reported information on its accounting of Kyoto Protocol units in the required SEF tables, as required by decision 15/CMP.1. e SIAR assessor reviewed the findings included in the SIAR on the SEF and SEF comparison report. The SIAR was forwarded to the T prior to the review, pursuant to decision 16/CP.10.
		formation on the accounting of Kyoto units has been prepared and reported in accordance with section I E of the annex to decision CMP.1, and reported in accordance with decision 14/CMP.1 using the SEF tables.
		formation reported by Ukraine on records of any discrepancies and on any records of non-replacement was found to be consistent with formation provided to the secretariat by the ITL.
	ann	e SIAR assessor finds that the national registry continues to perform the functions set out in the annex to decision 13/CMP.1 and the nex to decision 5/CMP.1, and continues to adhere to the technical standards for data exchange between registry systems in accordance the relevant CMP decisions.
	6. Uk	raine has reported its commitment period reserve in its 2009 annual submission.
		e national registry should fulfill all requirements regarding the publicly available information in accordance with section II.E of the nex to decision 13/CMP.1. The assessor notes that many of these were already addressed in June 2010.
	Recommen	dations:
	pub sun	though the information was later provided during the SIAR assessment process, Ukraine should report on any changes to its registry and blic information directly in its next annual submission. Additionally it should specifically state in its annual submission and the NIR mmary provided in English, how each recommendation from prior year's reviews was addressed. This information was submitted via insultation forms in response to the Part 1 SIAR assessment. The assessor recommends that this be submitted as part of the annual

Ref Nr		Summary of findings
		submission.
	9.	The assessor recommends that for subsequent reporting years, the Party submit the relevant sections of the NIR translated into English in a timely manner (by 15 April) in order to facilitate a prompt, thorough, and accurate SIAR assessment.

2. Identification of Problems

The purpose of this section is to identify any problems with the national registry based on the Party's annual submission and transaction log records that may affect the performance of the functions of the national registry pursuant to paragraph 88 of the annex to decision 22/CMP.1.

Ref Nr	Requirement	Assessment	Comment
	22/CMP.1 paragraph 88.(a) The information is complete and submitted in accordance with section I.E of the annex to decision 15/CMP.1 and relevant decisions of the COP/MOP;	Assessed in SIAR Part 1. Kept here for completeness	
P2.2.2	22/CMP.1 paragraph 88.(b) The information relating to issuance, cancellations, retirement, transfers, acquisitions, replacement and carry-over is consistent with information contained in the national registry of the Party concerned and with the records of the transactions log;	Problem Identified? [] Yes [x] No	Party submitted a SEF which is consistent with the ITL records.

Ref Nr	Requirement	Assessment	Comment
P2.2.3	22/CMP.1 paragraph 88.(c) The information relating to transfers and acquisitions between national registries is consistent with the information contained in the national registry of the Party concerned and with the records of the transaction log, and with information reported by the other Parties involved in the transactions;	Problem Identified? [] Yes [x] No	Party submitted a SEF which is consistent with the ITL records.
P2.2.4	22/CMP.1 paragraph 88.(d) The information relating to acquisitions of CERs, tCERs, and ICERs from the CDM registry is consistent with the information contained in the national registry of the Party concerned and with the records of the transaction log, and with the clean development mechanism (CDM) registry;	Problem Identified? [] Yes [x] No	Party submitted a SEF which is consistent with the ITL records.
P2.2.5	22/CMP.1 paragraph 88.(e) ERUs, CERs, AAUs and RMUs have been issued, acquired, transferred, cancelled, retired, or carried over to the subsequent or from the previous commitment period in accordance with the annex to decision 13/CMP.1;	Problem Identified? [] Yes [x] No	No discrepancies occurred for the Party and no problem has been identified with regard to its transaction procedures related to ERUs, CERs, AAUs and RMUs.
P2.2.6	22/CMP.1 paragraph 88.(f) tCERs and ICERs have been issued, acquired, transferred, cancelled, retired and replaced, in accordance with the annex to decision 13/CMP.1 and the annex to decision 5/CMP.1;	Problem Identified? [] Yes [x] No	No discrepancies occurred for the Party and no problem has been identified with regard to its transaction procedures related to tCERs and ICERS.

Ref Nr	Requirement	Assessment	Comment
P2.2.7	22/CMP.1 paragraph 88.(g) The information reported under paragraph 11 (a) of section I.E. in the annex to decision 15/CMP.1 on the quantities of units in accounts at the beginning of the year is consistent with information submitted the previous year, taking into account any corrections made to such information, on the quantities of units in accounts at the end of the previous year;	Problem Identified? [] Yes [x] No	Party submitted a SEF which is consistent with the ITL records and with information submitted in the year prior to the reported year.
P2.2.8	22/CMP.1 paragraph 88.(h) The required level of the commitment period reserve, as reported, is calculated in accordance with paragraph 6 of the annex to decision 18/CP.7;	Only assessed by the Expert Review Team. Kept here for completeness	
P2.2.9	22/CMP.1 paragraph 88.(i) The assigned amount is calculated to avoid double accounting in accordance with paragraph 9 of the annex to decision 16/CMP.1;	Only assessed by the Expert Review Team. Kept here for completeness	
P2.2.10 22/CMP.1 paragraph 88.(j) A discrepancy has been identified by the transaction log relating to transactions initiated by the Party, and if so the expert review team shall: Has the discrepancy been identified by the transaction log? [] Yes [x] No		No discrepancies occurred for the Party	
or each	22/CMP.1 paragraph 88.(j)(i) Verify that the discrepancy has occurred and been correctly identified by the transaction log;	Has the discrepancy been identified by the transaction log? [] Yes [x] No []N/A	No discrepancies occurred for the Party
Repeat for each discrepancy type CT. 7.01.7.	2 22/CMP.1 paragraph 88.(j)(ii) Assess whether the same type of discrepancy has occurred previously for that Party;	Has the same type of discrepancy occurred previously for that Party? [] Yes [] No [x]N/A	No discrepancies occurred for the Party

Ref Nr Requirement		Assessment	Comment
P2.2.10.3	22/CMP.1 paragraph 88.(j)(iii) Assess whether the transaction was completed or terminated;	Was the transaction completed or terminated? [] Yes [] No [x]N/A	No discrepancies occurred for the Party
P2.2.10.4	22/CMP.1 paragraph 88.(j)(iv) Has the Party corrected the problem that caused the discrepancy?	Problem that caused the discrepancy corrected? [] Yes [] No [x]N/A	No discrepancies occurred for the Party
P2.2.10.5	22/CMP.1 paragraph 88.(j)(v) Assess whether the problem that caused the discrepancy relates to the capacity of the national registry to ensure the accurate accounting of Kyoto Protocol units, issuance, holding, transfer, acquisition, cancellation and retirement of ERUs, CERs, tCERS, ICERs, AAUs and RMUs, the replacement of tCERs and ICERs, and the carryover of ERUs, CERs and AAUs	Discrepancy relates to the capacity of the national registry to ensure the accurate accounting? [] Yes [] No [x]N/A	No discrepancies occurred for the Party

	Ref Nr	Requirement	Assessment	Comment
P2.2	.11	22/CMP.1 paragraph 88.(k) Any record of non-replacement has been sent to the Party by the transaction log in relation to tCERs or ICERs held by the Party, and if so the expert review team shall:	Any tCERs or ICERs subject to non-replacement held by Party? [] Yes [x]No	No non-replacements occurred for the Party.
er	P2.2.11.1	22/CMP.1 paragraph 88.(k)(i) Verify that the non-replacement has occurred and been correctly identified by the transaction log;	Has the transaction log identified the non-replacement? [] Yes [x] No []N/A	No non-replacements occurred for the Party.
Type numb	P2.2.11.2	22/CMP.1 paragraph 88.(k)(ii) Assess whether non-replacement has occurred previously for that Party;	Has this type of non- replacement previously occurred for that Party? [] Yes [] No [x]N/A	No non-replacements occurred for the Party.
it type (incl	P2.2.11.3	22/CMP.1 paragraph 88.(k)(iii) Assess whether the replacement was subsequently undertaken;	Was the replacement subsequently undertaken? [] Yes [] No [x]N/A	No non-replacements occurred for the Party.
-replacement	P2.2.11.4	22/CMP.1 paragraph 88.(k)(iv) Examine the cause of the non-replacement and whether the Party has corrected the problem that caused the non-replacement;	Has the Party corrected the problem that caused the non-replacement? [] Yes [] No [x]N/A	No non-replacements occurred for the Party.
Repeat for each non-replacement type (incl Type number	P2.2.11.5	22/CMP.1 paragraph 88.(k)(v) Assess whether the problem that caused the non-replacement relates to the capacity of the national registry to ensure the accurate accounting of Kyoto Protocol units, holding, transfer, acquisition, cancellation, and retirement of ERUs, CERs, tCERs, ICERs, AAUs and RMUs, and the replacement of tCERs and ICERs, and if so, initiate a thorough review of the registry system in accordance with part V of these guidelines.	Non-replacement relates to the capacity of the national registry to ensure the accurate accounting? [] Yes [] No [x]N/A	No non-replacements occurred for the Party.

3. Identification of Significant Changes

The purpose of this section is to identify any **significant changes** in the national registry reported by the Party that may affect the performance of the functions contained in the annex to decision 13/CMP.1, the annex to decision 15/CMP.1 and the adherence to the technical standards for data exchange between registry systems in accordance with relevant COP/MOP decisions.

If a change to a Party's national registry has been identified under paragraph 22 of the annex to decision 15/CMP.1 then information relating to this change should be submitted by the Party in accordance with paragraph 32 of the annex to decision 15/CMP.1. This section assesses the submitted changes reported by Party in accordance with paragraph 32 of decision 15/CMP.1, and the further guidance elaborated in the Independent Assessment Report common operational procedure.

Ref Nr	Requirement	Has the Party reported a change?	Problem Identified with the Change?	Comment
P2.3.1	15/CMP.1 paragraph 32.(a) The name and contact information of the registry administrator designated by the Party to maintain the national registry	Not a significant change, left here for completeness	J	In [ENG NIR] party reported that no changes occurred for the Party for this item in 2009 but it has changed during 2010.
P2.3.2	15/CMP.1 paragraph 32.(b) The names of the other Parties with which the Party cooperates by maintaining their national registries in a consolidated system	[]Yes [x]No	[]Yes []No	In [ENG NIR] party reported that no changes occurred for the Party for this item.
P2.3.3	15/CMP.1 paragraph 32.(c) A description of the database structure and capacity of the national registry.	[]Yes [x]No	[]Yes []No	In [ENG NIR] party reported that no changes occurred for the Party for this item.

		Has the Party	Problem	
		reported a	Identified with	
Ref Nr	Requirement	change?	the Change?	Comment
P2.3.4	15/CMP.1 paragraph 32.(d)	r 1 Van Faal Na	F 1 Waa F 1 Na	In [ENG NIR] party reported that no changes occurred for the Party
	A description of how the national registry conforms to the technical standards for data exchange between registry systems for the purpose of ensuring the accurate, transparent and efficient exchange of data between national registries, the clean development mechanism registry and the transaction log (decision 19/CP.7, paragraph 1)	[]Yes [x]No	[]Yes []No	for this item.
P2.3.5	15/CMP.1 paragraph 32.(e) A description of the procedures employed in the national registry to minimize discrepancies in the issuance, transfer, acquisition, cancellation and retirement of ERUs, CERs, tCERs, ICERs, AAUs and/or RMUs, and replacement of tCERs and ICERs, and of the steps taken to terminate transactions where a discrepancy is notified and to correct problems in the event of a failure to terminate the transactions	[]Yes [x]No	[]Yes []No	In [ENG NIR] party reported that no changes occurred for the Party for this item.
P2.3.6	15/CMP.1 paragraph 32.(f) An overview of security measures employed in the national registry to prevent unauthorized manipulations and to prevent operator error and of how these measures are kept up to date	[]Yes [x]No	[]Yes []No	In [ENG NIR] party reported that no changes occurred for the Party for this item.

Ref Nr	Requirement	Has the Party reported a change?	Problem Identified with the Change?	Comment
P2.3.7	15/CMP.1 paragraph 32.(g) A list of the information publicly accessible by means of the user interface to the national registry	Not a significant change, left here for completeness	3	
P2.3.8	15/CMP.1 paragraph 32.(h) The Internet address of the interface to its national registry	Not a significant change, left here for completeness		
P2.3.9	15/CMP.1 paragraph 32.(i) A description of measures taken to safeguard, maintain and recover data in order to ensure the integrity of data storage and the recovery of registry services in the event of a disaster	[]Yes [x]No	[]Yes []No	In [ENG NIR] party reported that no changes occurred for the Party for this item.
P2.3.10	15/CMP.1 paragraph 32.(j) The results of any test procedures that might be available or developed with the aim of testing the performance, procedures and security measures of the national registry undertaken pursuant to the provisions of decision 19/CP.7 relating to the technical standards for data exchange between registry systems.	[]Yes [x]No	[]Yes []No	In [ENG NIR] party reported that no changes occurred for the Party for this item.

4. Recommendations

4.1. Previous Expert Review Team recommendations

This section assesses Party's response to the previous annual review recommendations.

		Has Party	
5 (1)	Recommendation from previous Annual Review	acted on	
Ref Nr	report (with ref)	recommendation?	Comment
P2.4.1.1	As per FCCC/ARR/2008/UKR, section "VIII. Other issues", paragraph 1 on "Changes to the national registry": For future submissions it is recommended that this level of reporting be included in the original submission rather than as separate documents.	[x]Yes []No	Since the submission of the NIR was only provided in Russian, it was impossible for the assessor to determine if this was done. [ENG NIR] contained all information required for SIAR assessment. The assessor requests that an English version of the information required by the SIAR be presented with or shortly after the full official NIR so that the SIAR assessment can be completed in a timely manner.
			Update: In [RESPONSE], the Party indicates that it submits all related information in its 2009 submission. The Party goes on to state that no changes were made to the registry implementation, operation, and allocation of human resources during the reporting period. Update: In its [RESPONSE2] the Party indicates that it
			provided English submissions and revised chapters to the official submission on August 16, 2010 and provides a link to the UNFCCC national reports webpage.
P2.4.1.2	As per FCCC/ARR/2008/UKR, section "VIII. Other issues", paragraph 2 on "Changes to the national registry": The ERT recommends that Ukraine include information on the changes in implementation, operation, maintenance and allocation of human resources for the functioning of the national registry in its next annual submission.	[x]Yes []No	Since the submission of the NIR was only provided in Russian, it was impossible for the assessor to determine if this was done. [ENG NIR] contained all information required for SIAR assessment. The assessor requests that an English version of the information required by the SIAR be presented with or shortly after the full official NIR so that the assessment can be completed in a timely manner. Update: In [RESPONSE], the Party indicates that it

			submits all related information in its 2009 submission. The Party goes on to state that no changes were made to the registry implementation, operation, and allocation of human resources during the reporting period. Update: In its [RESPONSE2] the Party indicates that it provided English submissions and revised chapters to the official submission on August 16, 2010 and provides a link to the UNFCCC national reports webpage.
P2.4.1.3	As per FCCC/ARR/2008/UKR, section "VIII. Other issues", paragraph 3 on "Commitment period reserve": The ERT recommends that Ukraine include information on its commitment period reserve in its next annual submission.	[x]Yes []No	Since the submission of the NIR was only provided in Russian, it was impossible for the assessor to determine if this was done. Party noted in its [ENG NIR] that this was reported in the Russian submission Page 219. [ENG NIR] contained all information required for SIAR assessment. The assessor requests that an English version of the information required by the SIAR be presented with or shortly after the full official NIR so that the SIAR assessment can be completed in a timely manner Update: In [RESPONSE], the Party provides reference to an English language reference to the CPR calculation. Update: In its [RESPONSE2] the Party indicates that it provided English submissions and revised chapters to the official submission on August 16, 2010 and provides a link to the UNFCCC national reports webpage.

4.2. Recommendations to address identified problems

If a problem has been identified earlier in section 2 and 3 or a previous recommendation listed in section 4.1 has not been taken into account, then this section of the report lists a recommendation for each problem to be brought to the attention to the Expert Review Team.

Ref Nr	Recommendation Ref	Recommendation description	Comment
P.2.4.2.1	1.4.2.4.	The Party should make publicly available,	Party must make Article 6 project information available on a site

		via a site under its control, the information required by 13/CMP.1 Annex paragraph 46 (d) - Reports; downloadable electronic version of all publicly available documentation relating to the project, including proposals, monitoring, verification and issuance of ERU's, where relevant. The Party should include a direct reference to the location this information in its annual submission.	controlled by the Party. A link to the UNFCCC JI project website is not sufficient to meet this requirement. In its [RESPONSE2] the Party indicates that they make information pursuant to 13/CMP. 1 Annex paragraph 46 (d) available at: http://www.carbonunitsregistry.gov.ua/en/publication/content/680.htm , (English) and http://neia.gov.ua/nature/control/uk/doccatalog/list?currDir=116707 and http://www.carbonunitsregistry.gov.ua/ua/261.htm (Ukrainian). Additionally reference is made to this in [NIR_UPDATE]
P2.4.2.2	1.4.3.	The Party should make publicly available the information required by 13/CMP.1 Annex paragraph 47 - Holding and transaction information. The Party should include a direct reference to the location this information in its annual submission.	The Party should provide reference to the publicly available information for the reported calendar year. It is not required to report through the current date. In its [RESPONSE2] the Party indicates that they make all information Publicly available regarding unit holdings and transactions (Information on paragraph 47 of the annex to the decision 13/CMP.1) at; http://www.carbonunitsregistry.gov.ua/en/publication/content/695.htm (English Language) http://www.carbonunitsregistry.gov.ua/ua/publication/content/694.htm (Ukrainian Language)
	P2.3.x, P1.3.x	The SIAR assessor recommends that Ukraine report on any changes to its registry and public information and in its next annual submission. Additionally it should specifically state in its annual submission and the NIR summary provided in English, how each recommendation from prior year's reviews was addressed.	The Party reported this information via consultation forms in response to the Part 1 SIAR assessment. The assessor recommends that this information be included in the original official annual submission. Update: In its [RESPONSE2] the Party indicates that on August 16, 2010 the Party made official English submissions and revised chapters to the official submission and provides a link to the UNFCCC national reports webpage.
P2.4.2.3	General	The SIAR assessor recommends that an English translation of the relevant sections of the NIR be provided by the 15 April submission deadline.	This will facilitate a thorough, accurate, and timely assessment.