

**Romanian inventory improvement plan (including the prioritization plan for moving to higher tier methods for key categories)**  
– 2011-2012 – may 2011

No.	Measure	Envisaged categories	Envisaged improvement	Responsible persons	Deadline
1.	Elaborate the version 2 of the 2011 GHG Inventory, including mainly intermediary results of the study mentioned at position 4 and improvements based on NEPA's work: Tier 2 CO <sub>2</sub> estimates for Public electricity and heat production (Energy), Tier 2 CO <sub>2</sub> estimates for Manufacturing industries and construction, Other sectors and Road transport categories, based on COPERT 3 model use (Energy), Tier 3 CO <sub>2</sub> emissions estimates and Tier 2 PFC emissions estimates associated to the Aluminium production category (Industrial processes), Tier 2 estimates for Managed waste disposal on land category (Waste), further analysis of the categories assigned with the NE notation key	mainly LULUCF under the UNFCCC and under the KP, CO <sub>2</sub> emissions for Public electricity and heat production (Energy), CO <sub>2</sub> emissions for Manufacturing industries and construction, Other sectors and Road transport categories, (Energy), CO <sub>2</sub> emissions and PFC emissions associated to the Aluminium production category (Industrial processes), CH <sub>4</sub> emissions from Managed waste disposal on land category (Waste)	improving the accuracy, consistency and completeness	All SEs, mainly the Energy, Industrial processes, LULUCF and Waste SEs, GHGI coordinator	11 August 2011
2.	Elaborate the version 3 of the 2011 GHG Inventory including mainly updated results in the context of the study at position 4 and improvements at transparency level	mainly LULUCF both under the UNFCCC and KP, Industrial processes and Agriculture Sectors	improving the accuracy and transparency	Mainly the Industrial processes, Agriculture and LULUCF SEs, GHGI coordinator	15 September 2011

No.	Measure	Envisaged categories	Envisaged improvement	Responsible persons	Deadline
3.	Re-check the proper use of IPCC GPG 2000 decision trees in the context of national circumstances, propose correction measures accordingly and implement them as far as feasible within the next GHG Inventory submission	all sub-categories	proper use of notation keys	All SEs, NGHGI coordinator	25 november 2011
4.	Re-check the options which allow for the use of higher tier methods for key categories, propose relevant measures (including the development of the study mentioned in the next row) and implement them as far as feasible within the next GHG Inventory submission	all key categories	providing accuracy through higher tier methods use		31 december 2011
1. “Development of historical data, for the period 1989-2010, for allowing to estimate direct and indirect GHG emissions from Road Transport using the COPERT 4 model associated to the Tier 2 approach”; 2. “NGHGI LULUCF both under the UNFCCC and KP obligations”.					
5.	Assisting the contractor for optimal implementing of the study “Elaboration/documentation of national emission factors/other parameters relevant to National Greenhouse Gas Inventory (NGHGI) Sectors Energy, Industrial Processes, Agriculture and Waste, values to allow for the higher Tier calculation methods implementation”, through participating in coordination meetings and analyzing the study results in respect to their compliance to the reporting rules	all key categories in Energy industries, Manufacturing industries and construction, Other sectors (Energy), Ammonia Production (Industrial processes), Enteric fermentation, Manure management, Agricultural soils (Agriculture), Solid waste disposal on land, Waste water handling (Waste)	providing accuracy through higher tier methods use	All SEs, NGHGI coordinator	31 October 2011



No.	Measure	Envisaged categories	Envisaged improvement	Responsible persons	Deadline
6.	Assisting the contractor for optimal implementing of the study “NGHGI LULUCF both under the UNFCCC and KP obligations”	all categories under the UNFCCC and KP reporting	providing accuracy through higher tier methods use; providing completeness	LULUCF dedicated SEs, NGHGI coordinator	31 October 2011
7.	Assisting the contractor for optimal implementing of the study “Support for the implementation of the European Union requirements on the monitoring and reporting of the carbon dioxide (CO <sub>2</sub> ) and other greenhouse gas emissions”	all categories	Update the institutional, legal and procedural arrangements part of the National Inventory System (NIS); training the National Environmental Protection Agency (NEPA) NIS/NGHGI dedicated team; develop programs for developing national emission factors and other parameters	all SEs, NGHGI coordinator	31 October 2011
8.	Assisting the contractor for optimal implementing of the study “Environmental Integrated Informational System”	all categories	Optimized NGHGI informational fluxes, including the Public electricity and heat production, implementation of the key category and uncertainty analysis. Supplementing the previously mentioned studies and enhancing the NIS by optimizing the processes through which the NGHGI is compiled.	all SEs, NGHGI coordinator	10 May 2012
9.	Incorporating the results of studies at 5-8 position within the next inventory	all categories	Improving the transparency, accuracy, completeness, consistency and comparability of the NGHGI	All SEs, QA/QC coordinator, NGHGI coordinator	As appropriate and feasible until Middle November 2011 and/or until 10 January 2012

No.	Measure	Envisaged categories	Envisaged improvement	Responsible persons	Deadline
10.	Check the transparency status of NIR's information and, as appropriate, propose improvement actions and implement them as far as possible within the next GHG Inventory submission.	all sub-categories	providing transparency through a well documented NIR	All SEs, QA/QC coordinator	10 March 2012
11.	Check the proper use of notation keys within the CRF tables and correct errors, as appropriate.	all sub-categories	proper use of notation keys		10 March 2012
12.	Re-check the status of available information which allow for the characterization of emissions/removals levels from categories currently assigned with NE. As appropriate and feasible, characterize (estimate emissions/removals levels or change the notation keys) the emissions/removals for categories currently assigned with NE within the next GHG Inventory submission.	all sub-categories	lack of NE use within the GHG Inventory	All SEs	1 January 2012
13.	Strengthen the institutional arrangements part of the National Inventory System	all-categories	improving the accuracy, completeness, consistency and transparency	All SEs, QA/QC coordinator, GHGI coordinator	November 2011
14.	Check whether any recalculations are required. As appropriate, perform recalculations providing data series consistency and transparency (through proper documentation within the NIR and CRF tables) in respect to IPCC GPG 2000 provisions.	all sub-categories	data series accuracy and consistency	All SEs	1 January 2012



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15.	Re-check the sectoral figures used in the uncertainty analysis; where appropriate update the figures.	all sub-categories	uncertainty analysis accuracy	All SEs, QA/QC coordinator	10 January 2012
16.	Check the status of fulfilling of relevant requirements pertaining to archiving of sectoral data; where relevant, complete the archived data.	all sub-categories	archived data completeness		15 april 2012
17.	Analyze the priorities and options for Quality Assurance (QA) activities; make QA proposals.	all key categories	data accuracy for key categories		10 march 2012
18.	Re-check whether the categories are completely covered by the relevant data source; make efforts to improve the data series, where appropriate.	all subcategories	accurate and consistent data series	All SEs	10 March 2012
19.	Where available, compare GHG Inventory data with other relevant international and national data; as appropriate, make adjustments.	all sub-categories	data accuracy		10 March 2012
20.	Analyze the findings of previous measures fulfillment; accordingly, propose an updated GHG Inventory improvement plan.	all sub-categories	reaching the GHG Inventory principles (TACCC)	QA/QC coordinator	15 may 2012

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