



Experience and problems encountered in first year of LULUCF reporting under Kyoto Protocol in Slovakia

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Basic facts of KP LULUCF reporting

Slovak threshold values for the forest definition:

- minimum area for forest is 0.3 ha
- minimum tree crown cover of 20 %
- minimum height of trees 5 m in situ
- linear formations, a minimum width of 20 m
- temporarily unstocked areas are included (forest regeneration areas)

Slovakia has chosen to account activities under Article 3.3 (afforestation, reforestation and deforestation) for the whole commitment period.

Basic facts of KP LULUCF reporting

- AR activities represent the conversion of CL, GL and OL to FL
- D activity represents the conversion of FL to CL, GL, S, OL
- ARD areas are based on the data from Geodesy, Cartography and Cadastre Authority of the Slovak Republic (GCCA)
- annually updated cadastral information not only of land use areas but also the information about the areas which were afforested/reforested and deforested
- the Cadastre information are completed by data from The National programme: “Afforestation of the land unavailable for agricultural production”. This programme was running from 1995 to 1999
- all land use changes from and to forests are considered to be human induced in Slovakia
- AR activities have been reported together

Answers to problems identified in “Saturday papers” by UN review teams

Consider two main group of questions:

A. National System (5 questions)

B. Activities under Article 3, paragraphs 3 of the Kyoto Protocol
(4 questions)

Answers to problems identified in “Saturday papers” by UN review teams – A. National System

Potential problem(s)/question(s):

- Slovakia did not provide information in the NIR 2010 to paragraph 6 (a) (Information on how inventory methodologies have been applied taking into account any IPCC good practice guidance on land use, land-use change and forestry agreed by the COP and recognizing the principles as laid out in decision 16/CMP.1).

SVK response:

- The NIR 2010 of the Slovak Republic provides information for paragraph 6(a) (reference for the IPCC GPG for LULUCF, 2003) in the sections 1.4 (general), 7.2 (LULUCF) and 11.2 (KP LULUCF). The methodology for emissions and removals estimation in sector LULUCF and KP LULUCF for Article 3.3 is in line with the IPCC GPG for LULUCF, 2003.

Answers to problems identified in “Saturday papers” by UN review teams – A. National System

Potential problem(s)/question(s):

The ERT is lacking more specific information on the planning. The ERT requested more detailed information on the following:

- existing project plan(s) to improve estimates for carbon stock changes in pools for ARD
- time planning of project(s)
- allocation of resources for the work in the years 2010-2013

Answers to problems identified in “Saturday papers” by UN review teams - B. Activities under Art. 3, par. 3 of the KP

Potential problem(s)/question(s):

- Each Party shall account for all changes in 5 C pools. Party may choose not to account for a given pool if transparent and verifiable information is provided that the pool is not a source (paragraph. 6(e) of the annex to decision 15/CMP.1).
- Slovakia did not provide sufficient explanation for the use of the notation key NO for C stock change for A/R for dead wood and litter

SVK response:

- the most used conversion of land categories to the FL is A/R of CL , GL and OL in Slovakia. CL, GL, OL does not produce dead wood or litter (GL is producing litter, but this data does not exist in Slovakia), so that corresponding carbon pools prior to conversion can be taken as zero amount.
- besides this, Slovakia does not dispose of this kind of data, thus the change in carbon stocks in dead wood could not be estimated. The litter carbon pool is a part of soil carbon pool. The notation key „NO“ will be changed to „NE“ and „IE“.

Answers to problems identified in “Saturday papers” by UN review teams - B. Activities under Art. 3, par. 3 of the KP

Potential problem(s)/question(s):

Slovakia did not provide sufficient explanation for the use of the notation key NO for carbon stock change for deforestation in the following pools: dead organic matter and litter.

SVK response:

As far as there is not relevant database in the Slovakia, the change in carbon stocks in dead wood and litter could not be estimated. The notation key „NO“ will be changed to „NE“.

Answers to problems identified in “Saturday papers” by UN review teams - B. Activities under Art. 3, par. 3 of the KP

Potential problem(s)/question(s):

- Slovakia did not provide clear documentation on the use of IE for gains/losses in carbon stock changes of below-ground biomass for ARD in Table 5KP-I(A.1.1), Tables 5KP-I(A.2), to prove that this carbon pool is included in the calculations of the change in carbon stock.

SVK response:

- Carbon stock changes in below-ground biomass were included into the above-ground biomass as a part of the whole tree biomass.

Planned improvements

- the recalculation of emissions and removals under the KP and the compliance of datasets with the reporting under the UNFCCC for the next reporting period
- improvement of input data and information - their quality and availability or accessibility
- estimate more accurate soil carbon stocks data for forest soils
- re-evaluate the soil carbon stocks for OL category – overestimated
- determine new annual biomass increments for all tree species
- improve the estimation of litter and dead wood carbon pools

Planned projects and activities:

- NFC has applied for the research project: Research on the characteristics of dead wood as an important part of forest ecosystems in Slovakia
- the project application is currently under consideration

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Thank you for attention