



TURKISH GREENHOUSE GAS INVENTORY SUBMISSIONS

COP25 – Chile

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Introduction

- The Republic of Turkey is Party to the UNFCCC since May 2004 (after 26/CP.7).
- Submission of the 1st annual inventory in 2006 for the period 1990-2004
- Coordination and involvement of the Turkish Statistical Institute from the very beginning
- Preparations are ongoing for the 15th annual inventory for the period 1990-2018

Institutional Arrangements

The Turkish Statistical Institute (TurkStat)

- Member of the Coordination Board on Climate Change and Air Management
- Single National Entity, responsible for compiling the National GHG Inventory and official submission
- Institutions involved in the preparations: TurkStat, the Ministry of Energy and Natural Resources (MENR), Ministry of Transport and Infrastructure (MoTI), Ministry of Environment and Urbanization (MoEU), Ministry of Agriculture and Forestry (MoAF).

Legal Base

- Coordination Board on Climate Change and Air Management's decision
- Coordinator of the GHG Emission Inventory Working Group under the Coordination Board
- The Official Statistics Programme (OSP) based on Statistics Law of Turkey No. 5429

Institutional Arrangements and Data Collection Systems

Sector	CRF Category	Collection of Activity Data	Selection of Methodology and Emission Factors	GHG Emission Calculation	Filling in CRF Tables and preparing NIR	Quality Control
Energy	Energy - 1 (Excluding 1.A.1.a-Public electricity and heat production and 1.A.3-Transport)	MENR TurkStat	TurkStat	TurkStat	TurkStat	TurkStat
	Public electricity and heat production – 1.A.1.a	MENR	MENR	MENR	MENR	MENR
	Transport – 1.A.3	MoTI TurkStat	MoTI	MoTI	MoTI	MoTI
IPPU	IPPU – 2 (except F-gases)	TurkStat	TurkStat	TurkStat	TurkStat	TurkStat
	F -gases	MoEU	MoEU	MoEU	MoEU	MoEU
Agriculture	Agriculture – 3	TurkStat	TurkStat	TurkStat	TurkStat	TurkStat
LULUCF	Forestry – 4.A Other Land Use – 4.B-F	MoAF	MoAF	MoAF	MoAF	MoAF
Waste	Waste – 5	TurkStat	TurkStat	TurkStat	TurkStat	TurkStat

Institutional Arrangements

- Establishment of the Climate Change Statistics Group responsible for the Inventory and the related Press Release
- Continuous involvement of TurkStat's higher management and Head of Department in decisions resulting in the improvement of the Inventory
- Key governmental institution on compiling & collecting data as well as managing databases
- The group has 4 inventory experts (including Head of Group) working on the preparations of the Inventory

Transferring Inventory Results to the CRF Reporter

- All emission calculations have been performed by using Excel.
- Additionally, for our latest submission, emission calculations for the Energy, IPPU and Agriculture sectors were performed by SAS (Statistical Analysis System) and checked against the calculations performed by Excel.

Transition to the Use of the 2006 IPCC Guidelines

- In use since the 2015 Inventory submission
- Preparations for at least 3 years before the transition year of 2015
- Several capacity building activities, study visits, research on available activity data
- Some categories (eg Waste (CRF 5.A Solid waste disposal)) had been estimated before 2015 for comparing results with submitted results according to 1996 IPCC GLs without submitting them
- Inventory reviews act as a contributor
- The new Guidelines facilitates emission estimations
- Variety of efforts needed for transition depending on tier level & subsector category

Transition to the Use of the 2006 IPCC Guidelines

- Annual meetings of GHG Emission Inventory Working Group with involved institutions on annual review reports, issues, challenges & improvements
- Improvement efforts (investment projects, IPA projects, QA/QC activities)
- The embracement of the Inventory by TurkStat's senior management
- Annual presentation to senior management on results before submission

Thank you & any questions?

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