

# Regional climate cooperation

## ECRAN Environment and Climate Regional Accession Network

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## Country presentations

- Turkey's name was deleted from Annex II of the UNFCCC, and the Parties were invited to recognize the special circumstances of Turkey – decision 26/CP.7, Marrakesh 2001
- The United Nations Framework Convention on Climate Change (UNFCCC) was ratified by Turkey – May 2004
- The Kyoto Protocol was ratified by Turkey – August 2009
- Turkey does not have emission reduction targets under the Kyoto Protocol.
- Turkey submitted its first national inventory report and CRF tables for 1990-2004 period in 2006.



# Overview National System

- The Turkish Statistical Institute (TurkStat) is the responsible agency for compiling the National Greenhouse Gases Inventory and submitting to the UNFCCC Secretariat.

## Legal Base:

- Coordination Board on Climate Change and Air Management (CBCCAM)

Decision on the setting up of technical working groups and defining the coordinator institutions of working groups

- Greenhouse Gas Emission Inventories working group: Turkish Statistical Institute (TurkStat) responsible from coordination of the WG.
- The Official Statistics Programme (OSP), based on the Statistics Law of Turkey No: 5429,



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# Roles and Responsibilities

Sector	CRF Category	Responsible Organization
Energy	Energy – 1 (excluding 1.A.1.a – Electricity and heat generation and 1.A.3 – Transportation)	Turkish Statistical Institute (TurkStat)
	Electricity and Heat Generation – 1.A.1.a	Ministry of Energy and Natural Resources (MoENR)
	Transportation – 1.A.3	Ministry of Transport, Maritime Affairs and Communications (MoTMAC),
Industrial Process	Industrial Process – 2 (excluding Halocarbon and SP6 consumption - 2.F)	TurkStat
	Halocarbon and SF6 consumption - 2.F	Ministry of Environment and Urbanization (MoEU)
Solvent and other product use	Solvent and other product use – 3	
Agriculture	Agriculture – 4	TurkStat
Land Use, Land Use Change and Forestry	LULUCF - 5	Ministry of Forestry and Water Affairs (MoFWA),  Ministry of Food, Agriculture and Livestock (MoFAL)
Waste	Waste – 6	TurkStat
Analysis	Trend analysis Key Category Assessment Uncertainty	TurkStat

## Completeness and non-estimates

- All energy sector is complete
- Allocation problem in Energy sector (disaggregation need)
- Some categories of HFCs use are missing due to data availability
- Process emissions from ferroalloys is NE
- Process emissions from iron and steel is considered under energy before 2010



# Key Categories in Energy

- Public electricity and heat production
- Road transportation
- Residential
- Agriculture/forestry/fisheries
- Cement Production
- Iron and steel
- Chemicals
- Civil aviation
- Petroleum refining
- Navigation
- Fertilizer
- Mining



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## Key categories from IP

- Cement production (47 plants)
- Iron and steel production (3 Integrated, 27 EAF)
- Consumption of HFCs
- Lime production

## Issues need to be Improved

- Country specific carbon contents of fuels
- Disaggregation of “other” sector in energy balance table
- Historical data (for fuel bunkers)



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## Issues need to be Improved

- Defining Cao content for Cement production
- Proper way of allocation of confidential emissions
- Using higher tiers for key categories
- More QC activities for some categories (chemicals)
- Only Refrigeration and Air Conditioning (RAC) roughly estimated.
- Ferroalloys process emissions is NE