

PMR Regional MRV Training Workshop

September, 17-19, 2014/ Izmir, Turkey

Tunisian case Study: Status and challenges with Monitoring National GHG Emissions

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Ons KHECHINE

General framework

Tunisia's international commitment 1st national **UNFCCC** Association with Biannual **NAMAs** list **KP** ratification communication ratification Copenhagen accord submission report Verification **CDM** portfolio **Annual GHG inventory** for energy and 7 CDM projects and processes **PoA** registered **Vational strategies Mitigation instruments CDM strategy** Measurement, Reporting and **National GHG** NAMA development inventory system **National Strategy** for Climate Change **Building sector Energy information** Sanitation sector **EE and RE strategy** Agriculture and forest system sectors **MRV of NAMAs Sectoral crediting** Cement sector RE electricity sector CDM projects **GHG IPCC** 3HG accounting methods (WRI **NAMA** MRV systems development protocol, Bilan Carbone) inventory development

Tunisian experience on GHG inventory preparation

First national inventory of GHG (inventory 1994)

ANME-PNUD
Energy inventory (1980-2010)
Industrial Processes (2000-2009)

Second national inventory of GHG (inventory 2000)

2014

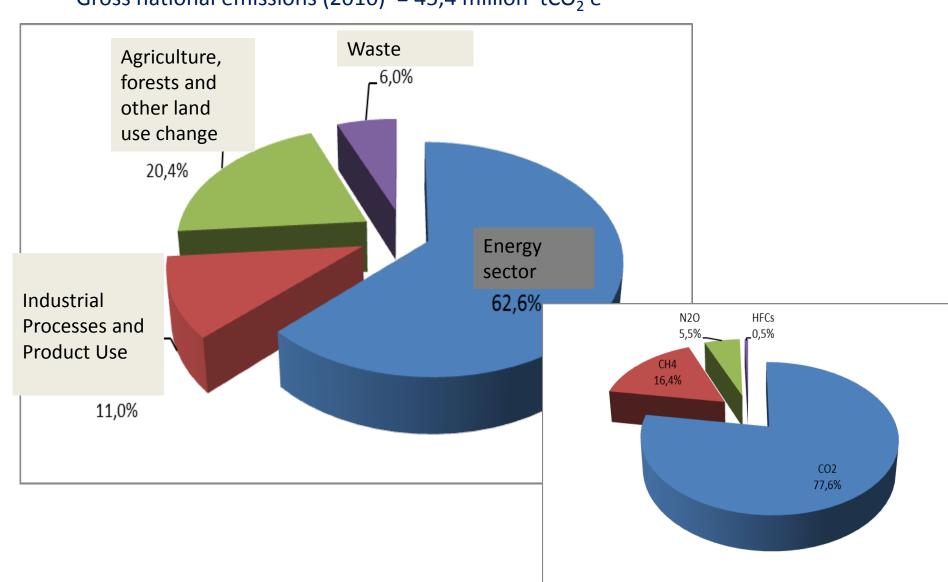
Inventory Project/MRV

National inventory 2010

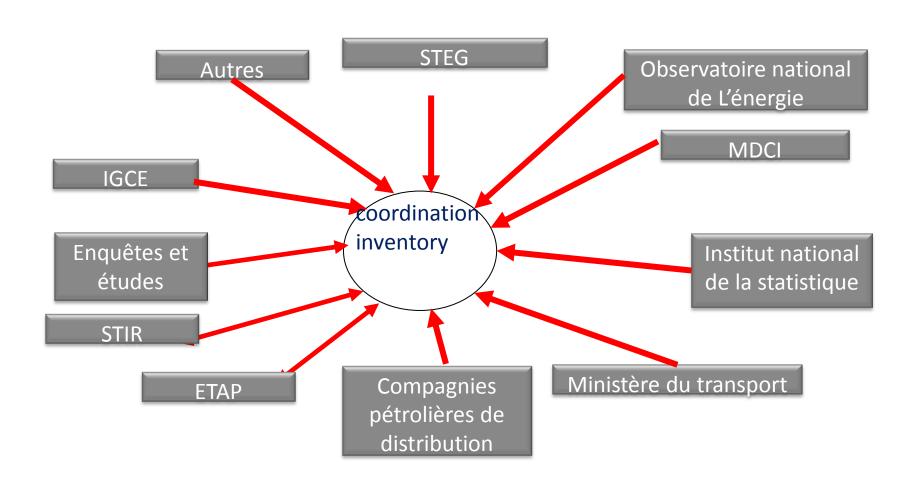
Biennial Report

Tunisia's results of the GHG emissions inventory

Gross national emissions (2010) = 45,4 million tCO_2 e

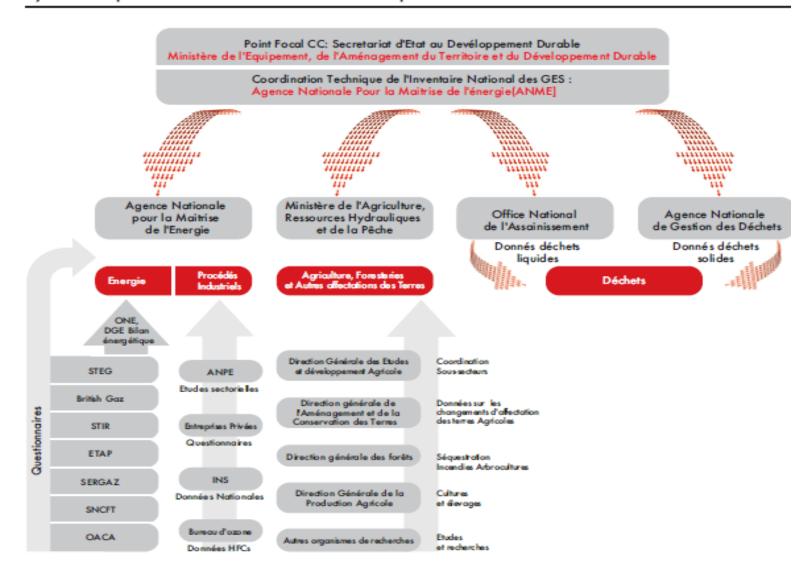


Coordinating entities



Institutional arrangement

Système simplifié de l'inventaire national de GES pour l'année 2010



National GHG inventory system

Coordination inventory

(ANME/ Ministry of Environment :Focal point of climate change)

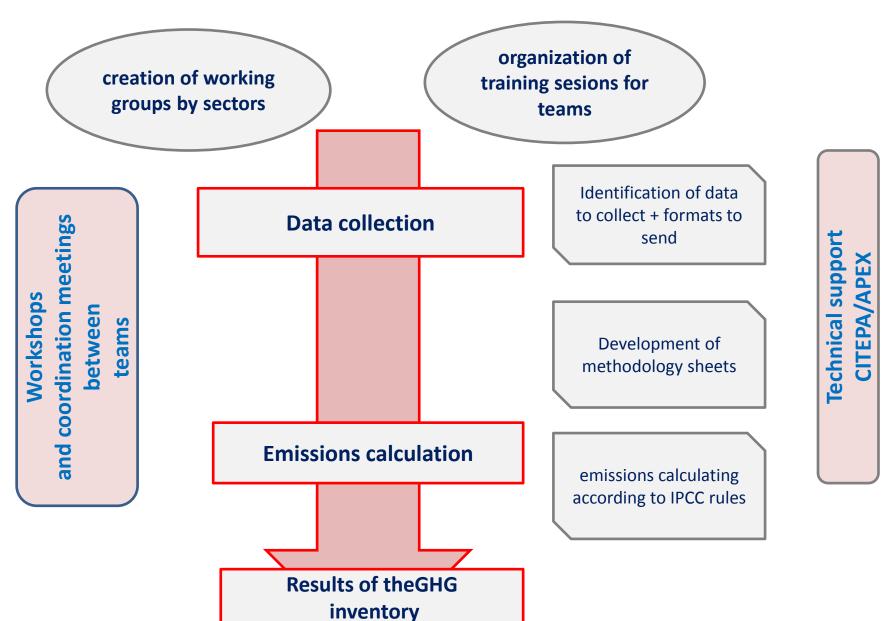
Technical support CITEPA/APEX

Cross Technical coordination inventory

Sectorel technical managers

Sectorel teams

Main steps of the InventoryProcess



Assets

- Work done through a participatory approach
- Constitution of an opertional team work
- Ownership of results and strengthening the capacity-building by the mastery of the methodology
- Elaboration of about forty sheets (27 sheets + methodological treatment cards)
- Generation of tables CRF + export for application
- Multiple internal audits (QA / QC) + Audit Oko Institute
- Transparency of the results and the approach of calculation
- Contribution to the refinement of the work of NAMA (Agriculture and Forestry, cleansing, etc.)
- Establishment of the first database of the MRV system
- Establishment of a robust national inventory system

Challenges

- Refine calculations of emissions for some sectors (metallurgy, non-energy using products, ...);
- Improve the coverage and frequency of data collection to move to Tier 2 or 3
- Research specific data for the calculation of national emission factors
- Maintaining the momentum:
- > Formalize the institutional set up
- Achieve the GHG inventory for the 3rd NC
- plan a capacity building program for the working teams

Thank you for your attention