

TW TR 2008-IB-EN-02

Improving Emissions Control - Component 2

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Overall objective of the project

- To *“improve the environmental conditions in Turkey by implementation and enforcement of the EU environmental acquis in the frame of ambient air quality.”*
 - **establish the necessary capacity** within the Ministry of Environment and Forestry to transpose and implement National Emission Ceilings Directive (2001/81/EC) in Turkey
 - **strengthen the institutional capacity** to transpose the NEC Directive, **to prepare inventories and projections and to develop national strategies for reducing emissions.**
 - **strengthen intra-institutional cooperation** and to utilise all relevant expertise as efficiently as possible.

Component 2 Inventories and projections

- ACTIVITY 2.1 **COMPREHENSIVE TRAINING** OF RELATED PERSONNEL OF MOEF, AND TURKISH STATISTICS INSTITUTE BOTH IN TURKEY AND IN THE MEMBER STATES FOR THE STRENGTHENING OF PERSONNEL CAPACITY AND FOR THE PREPARATION OF THE **EMISSION INVENTORIES AND PROJECTIONS AND FOR REPORTING**
- ACTIVITY 2.2 **SHARING EXPERIENCES** BY WORKSHOPS, SEMINARS, PUBLISHED PAPERS, BROCHURES, ETC.
- ACTIVITY 2.3 PREPARATION OF A WEBSITE

How do we plan to proceed (2.1, 2.2)

- Assessment of current situation (in cooperation with TA project and C1 and C4)
- Assessment of training needs
- Seminars, workshops, training sessions in Turkey (approx 20 missions)
 - 2 seminars for stakeholders (awareness raising) (*Sept 2011, Q3-Q4 2012*)
 - small seminars for inventory team
 - training sessions with individual inventory experts
- Visit of Turkish experts in Vienna

Activity 2.1 / training in 5 main areas

- Inventory compilation (per sector + general elements)
- Preparation of emission projections
- Reporting (formats)
- Database administration and use
- QA/QC (*Drafting QA/QC instructions*)
- PM2.5 inventory (optional)

Mandatory Results, Component 2

Establishment of the necessary capacity to prepare and manage the national NEC Directive inventory system and establishment of the capacity to compile, report and archive NO_x, NMVOC, SO₂ and NH₃ emission data (including projections)

- ✓ *In total 35 Turkish experts from MoEF, MoENR and Turkish Statistical Institute participated in training on compiling a sectoral pollutant based inventory*
- ✓ *Five Turkish experts from MoEF are capable of compiling a sectoral, pollutant based inventory that fulfils the requirements of transparency, consistency, comparability, completeness, and accuracy*
- ✓ *Two Turkish experts from MoEF are trained in preparing emission projections and are familiar with emission related aspects of air quality modelling*
- ✓ *One expert at MoEF is trained for the maintenance of an air emission website*

Mandatory Results, Component 2

- Project website
 - Documentation of National Inventory System
 - Published papers, presentations, and brochures
 - Guidance documents, Training documents, Background documents (e.g. instructions for QA/QC performance)
- Mission reports, quarterly reports, final report
- Participants lists of study tour and workshops

Link to TA project

- The Twinning project is tightly linked to the Technical Assistance Project for Improving Emissions Control (EuropeAid/128897/D/SER/TR).
- The activities that are covered by the Technical Assistance Project include
 - Training Workshops
 - Inventory
 - Inventory guidelines
 - Cost benefit analyses

Partners

- Beneficiary Country : Turkey
- Main Partner: Ministry of Environment and Forestry
- MS Partners
 - Environment Agency Austria (Umweltbundesamt GmbH)
 - Finnish Environment Institute (SYKE)
 - Short term experts form Romania and Lithuania
- Project Leader- Manfred Ritter (UBA)
- **RESIDENT TWINNING ADVISOR (RTA)-DIETMAR KOCH** organisational support and participation