

# Quarterly Progress Report N° 02



EUROPEAN COMMISSION

## **TWINNING PROJECTS INTERIM QUARTERLY REPORT**

**Project Title:** Improving Emissions Control

TR 2008/IB/EN/02

**Partners:** Umweltbundesamt (Environment Agency Austria)

and

Ministry of Environment and Urbanisation,  
Turkey

**Date:** October 2011

## 1. Overview

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The **Interim Quarterly Report/Final Report** for the project comprises the following parts:

<b>Section 1</b>	Basic data of the project
<b>Section 2</b>	Report about progress achieved during the reporting period and plans for the follow-up period
<b>Section 3</b>	Expenditure: Actual expenditure in relation to budgeted expenditure

## 2. General guidance

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- Throughout the entire Twinning project, at **three-monthly intervals** starting with the date of notification of endorsement / signature, the Project leaders may prepare Interim Quarterly Reports/Final Reports.
- Interim Quarterly Reports/Final Reports cover both substance and Finances.
- The deadline for submission of the **Interim Quarterly Reports/Final Reports** cannot be altered – The first interim quarterly report will most often refer to less than three months' actual project implementation, since the arrival of the RTA in the BC and the beginning of the work schedule rarely coincide with the date of notification.
- The MS Project Leader in co-operation with the BC Project Leader will submit, within the month following each quarter, the interim quarterly reports to the concerned authority (see 6.4 of the Twinning manual).
- **One copy of the Report** must be sent at the same moment to the relevant Twinning Team in the Commission Headquarters.
- The Report must be submitted in one of the **following three languages: English, French and/or German**.

## 3. Notice

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- The approval of the **Report** by the relevant authorities is without prejudice to the Commission's right to suspend the activities of a project, terminate an agreement or take any other appropriate step should subsequent verifications reveal problems or significant divergences from the work plan, the budget or the conditions of the Twinning Contract as approved.
- The views expressed in this report do not necessarily reflect the views of the European Commission.

## GLOSSARY OF ACRONYMS

AQ	Air Quality
CFCU	Central Finance and Contracts Unit
CLRTAP	Convention on Long Range Transboundary Air Pollution
EC	European Commission
EEA	European Environment Agency
EIONET	European Environment Information and Observation Network
EMEP	Environmental Monitoring and Evaluation Programme
EU	European Union
IPPC	Integrated Pollution Prevention and Control
MoEU	Ministry of Environment and Urbanisation
MoTC	Ministry of Transport and Communications
N/A	Not Applicable
NECD	National Emission Ceilings Directive
NMVOCS	Non-Methane Volatile Organic Compounds
POP	Persistent Organic Pollutant
QA/QC	Quality Assurance/Quality Control
STE	Short Term Expert
SYKE	Finnish Environment Institute
TA	Technical Assistance
ToR	Terms of Reference
TurkStat	Turkish Statistical Institute
TW	Twinning
UBA	Environment Agency Austria
UNECE	United Nations Economic Commission for Europe
UNFCCC	United Nations Framework Convention on Climate Change

## Executive Summary

This report summarises all activities undertaken in the second quarter of the Twinning Project. Activities in the reporting period comprised eleven expert missions within all the four components. Fifteen short-term experts were directly involved.

Missions focused on achieving the first benchmarks. A large number of meetings were held with expert groups and introductory meetings with representatives from several Ministries and a two-day workshop for sharing experience between EU Member States and Turkey. The latter covered the emissions inventory processes, projections, and issues related to the implementation of the NECD. Together with experts from the MoEU, meetings were held with the legal department of the MoEU and with the Ministry of Transport and Communications. Appreciated by the participants, the project provided consecutive interpretation during meetings. This included the option to switch between the three most important languages in the project TR-EN-DE. On request, the project may hire professional interpreters. However, this depends on the agreement for allocating financial resources.

All missions helped fulfilling benchmarks and contributed to further achieving the mandatory results of the Contract.

Within the past six months, costs incurred by the Project reached about 19% of the total costs. Details are listed in Section 3 of this report and in Annex 13 respectively.

An important step forward has been made by outlining the establishment of a Coordination Committee as foreseen under Activity 4.3. Alongside strengthening the cooperation between Ministries concerned, this Committee is to facilitate the transposition and implementation of the NEC Directive.

Major changes and postponing of an activity on short notice (Antalya workshop and study tour) had to be taken into account by the Project Management.

Staff of the MoEU remained very committed to the Project's activities. Under the new leadership of the Head of the Division of Air Pollution and Emissions Control Ms. Funda FİLİZ, coordination and working together have largely improved. Brief meetings on monthly planning and the preparation of missions took place regularly. Reviewing of missions, reports and minutes has become an important procedure that contributed to mutual understanding and decisions on follow-ups.

The updated work plan scheduled several missions for the next quarter covering Activities 1.1, 1.2, 1.3 and 2.1, 3.1 and 4.3. Additional missions may be carried out. This largely depends on capacity and contributions by the MoEU, stakeholders and data providers.

The draft progress report has been circulated among SC members in advance to the Joint Steering Committee Meeting held on 17<sup>th</sup> November 2011. Members agreed on holding the next Meeting on 9<sup>th</sup> February 2012.

<b>Section 1: Project data</b>
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<b>Twinning Contract Number</b>	TR 2008-IB-EN-02
<b>Project Title:</b>	Improving Emissions Control
<b>Twinning Partners (MS and BC)</b>	Umweltbundesamt GmbH (Austrian Environment Agency) and Ministry of Environment and Urbanisation, Turkey
<b>Report Number:</b>	<b>02</b>
<b>Period covered by the report:</b>	25 July 2011 – 24 October 2011
<b>Duration of the project:</b>	24 months
<b>Project Leaders:</b>	<p><u>BC Project Leader</u> : Dr. Mustafa ŞAHİN T.R. Ministry of Environment and Urbanisation</p> <p><u>MS Project Leader</u>: Mr. Manfred RITTER Umweltbundesamt GmbH (Environment Agency Austria)</p> <p><u>Junior MS Project Leader</u>: Dr. Alec ESTLANDER Finnish Environment Institute, SYKE</p>
<b>Preparation of the Report:</b>	Dr. Dietmar KOCH (RTA)
<b>Project website</b>	<a href="http://nec.cygm.gov.tr/nec">http://nec.cygm.gov.tr/nec</a>

## Section 2: Progress and Achievements

*This section describes the activities of the project. It is divided into 5 sub sections 2A - 2E.*

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### Annexes

Note: Considering the Environment, Annexes were not printed but made available electronically. All mission reports were reviewed by the MoEU. Presentations made during workshops and meetings not included in mission reports were uploaded onto the Project's website at <http://nec.cygm.gov.tr/nec>

Annex 1	MR_Act.1.1_SARKKINEN_Sep2011
Annex 2	MR_Act.1.1_ESTLANDER & SAUTNER_Oct2011
Annex 3	MR_Act.1.2_KÖTHER_Oct2011
Annex 4	MR_Act.1.3_MOCANU_Oct2011
Annex 5	MR_Act.2.1_KAMPEL_July2011
Annex 6	MR_Act.2.1&2.2_MARECKOVA_Oct2011
Annex 7	MR_Act.2.2_several EXPERTS_Sep2011
Annex 8	Minutes of the workshop 28+29 Sep2011
Annex 9	MR_Act.2.3_KAISERSBERGER_July2011
Annex 10	MR_Act.2.3_KAMPEL_Aug2011
Annex 11	MR_Act.3.1_VASILIU-ISAC_Oct2011
Annex 12	MR_Act.4.1_HAYDN & ZECHMANN_Sep2011
Annex 13	Q2_Expenditure_Final_Sep2011

Note: The Quarterly Progress Report only covers activities and results of the reporting period concerned.

## 1 2A - BACKGROUND

### 1.1 Policy and General Developments

On 12<sup>th</sup> October 2011, the European Commission released the “Turkey 2010 Progress Report”. The EU Delegation in Ankara invited representatives from Projects to present and discuss the conclusions. Issues important to this Twinning Project and to others that help improving environmental conditions in Turkey were as follows:

“Limited progress has been achieved on *air quality*. Preparations are underway for the transposition and implementation of the National Emissions Ceilings Directive. There is still insufficient administrative capacity to implement and enforce the legislation on ambient air quality. Preparations in the field of environment are at an early stage. Turkey has made good progress on waste management, whereas limited progress can be reported on horizontal legislation, air quality and industrial pollution control and risk management. Turkey made very “limited progress on water quality, chemicals and on administrative capacity, which requires further strengthening, including better coordination between the relevant authorities at all levels. There is no progress to report on nature protection. Investments in the field of the environment need to be increased. Regarding climate change, Turkey made limited progress on raising awareness on EU climate requirements. However, a more ambitious climate policy still needs to be established, both domestically and internationally. No further progress was made on administrative capacity in the field of climate change”<sup>1</sup>.

The reform process initiated by the June parliamentary election continues having an impact on the Ministry of Environment and Urbanisation where restructuring is expected to end soon. This is perceived by the project facing some uncertainties regarding decisions to be made to facilitate progress.

On general developments, the RTA counterpart has become Deputy General Director and, is now responsible for the Departments of Waste Management, Air Management and Chemicals. Additional staff has been recruited in order to *inter alia* strengthening the capacity of the “Emissions Control on Air Pollution” Division. This Division headed by Ms. Funda FİLİZ has become the coordinator for activities performed by the Twinning Project and the TA Project.

### 1.2 Project Assumptions

The assumptions underlying the logical framework of the Twinning Contract (Article 3), have come true, most notably the commitment of the Ministry’s staff and the readiness of stakeholders and data providers to cooperate.

MS Project Leader and RTA reviewed the achievements of benchmarks including a risk assessment. Two important steps forward have been made (a) by forming the NEC inventory team and (b) by outlining the establishment of a coordination committee. Besides strengthening the cooperation with several Ministries, this Committee is to support the transposition and implementation of the NEC Directive. The Committee will address the action plan of (abatement) measures based on the emissions reduction strategy to be developed by the MoEU and supported by the TA Project.

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<sup>1</sup> TURKEY 2010 PROGRESS REPORT Brussels, 9 November 2010, SEC(2010) 1327, COMMISSION STAFF WORKING DOCUMENT

## 2 2B - ACHIEVEMENT OF MANDATORY RESULTS

### 2.1 Benchmarks in the reporting period

Important benchmarks such as the legal analysis and the initial review of obligations arising from Conventions and other international agreements were achieved during the reporting period. Meeting of other benchmarks related to activities 1.1, 1.2, 2.2 and 2.3.

In order to meet the benchmarks, a mission plan regularly reviewed with and agreed by the MoEU has been of valuable help. Intermediate results such as identified roles of authorities or shared responsibility for the future NEC emissions inventory were discussed before forwarded to decision makers. The updated work plan included in 2D - TIMING AND DELAYS of this report showed no delay. It now better links the benchmarks to monthly activities directly.

## 3 2C - ACTIVITIES IN THE REPORTING PERIOD

This chapter briefly summarises all components where trainings and other activities were carried out. The reporting period comprised eleven expert missions. Preparation of missions was based on ToR drafted for each short-term expert individually. These were discussed with the MoEU staff in advance to each activity. Details of each activity/mission including agenda and list of participants were included in mission reports drafted by STEs.

### 3.1 All Components

During the reporting period, the following activities/missions were carried out:

- (1) Component 1: Four Missions on activities 1.1, 1.2 and 1.3 to fulfil one benchmark and to draft the assessment report due in month 9.
- (2) Component 2: Five missions (2.1, 2.2 and 2.3) comprised trainings for the preparation of the NEC inventory, one awareness workshop and completing the Project's website to go online.
- (3) Component 3: The first mission on the strategic action plan for meeting national ceilings under activity 3.1.
- (4) Component 4: One mission under Activity 4.1 on drafting the assessment on the institutional structure and technical capacity for the implementation of the NEC Directive.

### **Component 1:**

#### Activity 1.1 Identification of the present situation for the Implementation of the NEC

##### Directive

The transposition of the NECD requires agreed emissions ceilings to be negotiated between Turkey and the EU. Negotiations of ceilings for Member States were based on integrated assessment modelling. The extended model (GAINS) is an analytical tool for the integrated assessment of emissions control strategies for both air pollution and greenhouse gases, which covers the entire Europe up to the Ural Mountains. Turkey may want to get modelling results on cost-effective allocation of emission reductions to meet environmental (acidification, eutrophication, ozone) and human health objectives. These results can build the basis for Turkey when negotiating the ceilings with the EU in the next years.

During his mission, Mr. Seppo SARKKINEN raised the awareness of Turkey for a second important issue to be considered. This is the 1999 Gothenburg Protocol covering the pollutants SO<sub>2</sub>, NO<sub>x</sub>, NH<sub>3</sub>, NMVOC. Currently under revision, the new protocol will also include particulate matter (PM). The EU and Parties to the LRTAP Convention are reaching consensus on the format and ambition level for 2020 emissions ceilings in Annex II of the revised Protocol. Parties are expected to adopt the final protocol in April/May 2012. This will build the basis for the EU to finalise its revision of the NECD in 2013. Given this time frame, the Twinning Project will not be able to consider in its activities neither the revised protocol provisions nor the revised NECD requirements. Some work also covered other international obligations of which a list has been provided to the MoEU for review and comments.

The mission report is at Annex 1 of this progress report.

Another mission was undertaken by Mr. Alec ESTLANDER and Mr. Martin SAUTNER. The main objectives were to continue analysing Turkish legislation and preparatory issues for drafting the NEC By-law. Based on existing environment legislation and background information provided by the MoEU, a draft analysis of legislation in the area of air quality has been carried out. During follow-up missions, the analysis will be turned into an assessment report required under benchmark 1.1.2.

Work required meeting representatives of the MoEU Legal Department in order to discuss national procedures for preparing new legislation. There are several options, which range from amending existing legislation via new by-law to decisions to be made by the Cabinet of Ministers. Besides the TW Project's obligation for drafting a by-law, the NECD provisions include inter alia penalties (Art. 14) that cannot be implemented and enforced by a single Ministry. Penalties regulated in articles 26 and 27 of the Environmental Law (2872 of 11.08.1983) may not be sufficient. However, after Turkey has become EU member the Lisbon Treaty<sup>2</sup> will apply. Component leader Alec ESTLANDER also carried out an analysis of benchmarks to be fulfilled under the Components 1 and 4. It was realised that some of the benchmarks have common grounds regarding institutional structure and capacity and roles and responsibilities of competent authorities, obligations etc. This analysis will put together findings and recommendations in a single document to be developed over time.

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<sup>2</sup> Lisbon Treaty of 1 December 2009; It provides the Union with the legal framework and tools necessary to meet future challenges and to respond to citizens' demands.

Another task dealt with the review of identified activity data providers required to cooperate with the MoEU when compiling inventory data. Based on work carried out by the TA Project, data providers comprise mainly TurkStat and Ministries that already collect information about the environment in their areas of responsibility. It turned out useful to share the current view on data supply responsibilities with the TA Project. However, once the software of the inventory system at the MoEU has been established, protocols may be signed between the MoEU and authorities, which hold specific activity data. However, this will have to be reviewed using results of the Turkish Environment Information Exchange Network (TEIEN). Although benchmark B1.1.1 was met, the list of data providers remains an issue of observation and regular updating.

More information about this mission can be found in the mission report that is at Annex 2 of this progress report.

### Activity 1.2 Investigation of roles and responsibilities of Turkey due to International Agreements such as the Convention on Climate Change, Convention on Long Range Transboundary Air Pollution (CLRTAP), particularly the Gothenburg Protocol, and EU Directives on fuel quality

Ms. Traute KÖTHER carried out the concluding investigation on structural settings at the MoEU. This was one of the most important preconditions for fulfilling these responsibilities. Based on the MoEU's wish to establish an emissions inventory that not only covers the NEC pollutants but all current and future (after accession) binding and internationally regulated substances, forming the inventory team was of vital importance. Potential team members came together to agree on their roles as sectoral expert and data compiler of the national air emissions inventory. The discussion was guided by Ms. Köther who presented the scheme used by the Environment Agency Austria. This was seen applicable for the MoEU. The agreed allocation of staff to sectors was later presented to the General Director who appreciated this approach.

With this mission, a benchmark under another activity was achieved while the list of international obligations is to be reviewed in month 9. Details of this mission were laid down in a report that is at Annex 3 of this progress report.

### Activity 1.3 Assessment of overall air emission structure, covering abatement plans and programmes and capacity and preparedness assessment

The main objective for the first mission under this activity was to study the overall air emission management system in Turkey. Important information was provided by the RTA of the Marmara Project and by Evrim Doğan from the MoEU. This included amended legislations, the draft AQ By-law and the 2010 AQ Assessment Report. As the AQ Twinning Project focuses on a single region, designation of AQ zones and agglomerations for the whole country as well as clean air plans are in an early stage of development.

The mission undertaken by Ms. Dorina MOCANU provided a first view on the structure while abatement plans and programmes are yet to be developed by Turkey with help of the project mentioned above. The 2010 report suggests that there is capacity available for AQ assessments but currently limited to the Marmara region. A few important conclusions were drawn from this mission. These and other details of her mission were laid down in a report that is at Annex 4 of this progress report.

## **Component 2:**

### Activity 2.1 Comprehensive training of related personnel of MoEU, 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 reporting

The main purpose of this mission carried out by Ms. Elisabeth KAMPEL (who is replacing Ms. Sabine GÖTTLICHER who is on maternity leave) was threefold: (1) To draft the agenda for the stakeholder workshop in Antalya in September 2011 (the venue had to be changed to Ankara); (2) To plan trainings during the study visit to Vienna in October 2011 (study tour had to be postponed) and (3) To prepare selected frames and contents for the project webpage. As member of the project team, she also discussed several project-internal issues and helped resolving them. A chart showing intervention logic and benchmarks and links to the work of the related TA Project has been drafted. This is to be used for monitoring project progress. Details of her mission were laid down in a report available at Annex 5 of this progress report.

Three mission days were used by Ms. Katarina MARECKOVA in week 42 in order to develop ideas and plans presented at the inventory workshop in September further. Based on the draft training needs assessment follow-up trainings will be carried out by also respecting special wishes expressed by the MoEU. Issues such as the dataflow between data providers, stakeholders and TurkStat and, the real establishment of the inventory in terms of a system to be purchased or to be developed on behalf of the MoEU are pending decision making. Details were discussed in the mission report available at Annex 6 of this progress report.

Note: Because of the quarterly periods' ends, this activity chapter may slightly overlap with information provided in the first progress report.

Although strengthening of personnel capacity for the preparation of the emission inventories and reporting continues, benchmark B2.1.1 was achieved.

### Activity 2.2 Sharing experiences by workshops and seminars

The first mission took place in week 39. Five STEs from Austria and Latvia presented national experiences in emissions inventories and projections and discussed strategic issues on the implementation of the NECD. The awareness-raising workshop was held over two days followed by another workshop organised by the TA Project.

A number of recommendations were given ranging from resources needed for the establishment and maintenance of a national emissions inventory via projections and reporting, and issues dealing with uncertainties to a strategy for negotiating national ceilings with the EU. Examples showed that despite a well-defined national strategy meeting the ceilings are likely to fail due to insufficient implementation of technological measures or policy instruments. Known to many experts, market fluctuations may affect assumptions and emissions projections.

The TA workshop on 30<sup>th</sup> September was addressing other Ministries, stakeholders and data providers. Ms. Melanie SPORER was asked to make a presentation on how emissions projections are generated and reported to the EU and, on the development of different scenarios, which provide options to policymaking processes.

On the occasion of this workshop, the RTA presented an outline on the establishment of the coordination committee. This is to help the MoEU to transpose and implement the NECD including planning of strategic actions and measures to be taken in order to meet agreed ceilings by the year 2025 projected. A joint report covering all mission actions of the workshop held on 28+29 Sep. 2011 including the list of participants is at Annex 7 of this progress report. The Minutes of the workshop are at Annex 8.

The STE Ms. MARECKOVA used week 42 for completing activity 2.2. In her role as a component-2 leader, she reviewed the draft minutes of the awareness workshop, designed training sessions for the inventory team, and drafted the brochure intended for publication. The brochure can be downloaded from the Project's website. Her mission report comprising work under activity 2.1 (discussed under 2.1 above) and 2.2 is at Annex 6 of this progress report.

- ➔ Activity 2.2 has been completed with fully meeting the benchmarks specified for in the Contract.

### Activity 2.3 Preparation of a website

The first mission took place in week 30. Two short-term experts (Ms. Hedwig KAISERSBERGER and Ms. Elisabeth KAMPEL) were invited to prepare the project website. The IT department of the MoEU provided support. Work comprised the publishing of the contents on the webpage, QA/QC checking of the web pages and writing of a guidance document for maintaining the website. The design is based on Sitefinity – a web content management system for creating compelling websites, intranets, portals and blogs. It includes inter alia drag-and-drop page layout editing, content mash up, lead generation, and e-mail campaign management features.

The draft site was discussed with MoEU experts who provided feedback and helped to structure the site and the corresponding Turkish counter site.

The mission report drafted by Ms. Kaisersberger is at Annex 9 of this progress report.

Finishing steps needed and, the actual launch of the website took place during a second mission carried out by Ms. KAMPEL in the following week. The page is now publicly available under <http://nec.cygm.gov.tr/nec>. The assistant Ms. Burcu ARSLAN received training for the maintenance of the site. Issues to be completed involve translation of some parts in some frames. The site holds a page for information about the TA Project.

Ongoing structural/organisational changes within the Ministry suggest that the software Sitefinity will not be used anymore. The MoEU is expected to transfer the project's web pages to the new site.

The mission report drafted by Ms. Kampel is at Annex 10 of this progress report.

- ➔ Activity 2.3 has been completed with fully meeting the benchmarks B2.3.1 and B2.3.3 specified in the Contract. As updating and maintenance of the website requires ongoing action benchmark B2.3.2 can only be met close to the end of the Project.

**Component 3:**

**Activity 3.1: Preparation of an agreed strategic action plan for the achievement of National Emissions Ceilings**

Ms. Gabriela ISAC carried out the first mission under this activity. It aimed at evaluating the capacity for the development of a strategic action plan. This included presenting of experience from Romania and discussing strategic issues with the Ministry towards designing the strategic action plan. Indeed two other Twinning projects are already in an advanced stage with draft by-laws and strategies for their implementation. This suggests using the Guide to the Approximation of EU Environmental Legislation (available at <http://ec.europa.eu/environment/archives/guide/contents.htm>) during the process of transposition of the NECD into Turkish national legislation. The Guide looks at issues of transposition in somewhat detail than issues of implementation and enforcement, which will become more critical as the approximation process proceeds.

Consultations were held with other project teams and the MoEU and a content list of an action was drafted. Data from the emissions inventory for projecting emissions to the year where the ceilings shall be met will be made available by the TA Project. Follow-up missions are needed to review the national strategy, which will provide the basis for drafting the action plan and, to link results to activities 3.2 and 4.3.

The missions report including the presentation made by Ms. ISAC is at Annex 11 of this progress report.

**Component 4:**

**Activity 4.1 Evaluation of the institutional and technical capacity for the implementation of the NEC Directive in Turkey**

This mission undertaken by Ms. Martina HAYDN and Ms. Ingeborg ZECHMANN mainly aimed at extending the compilation of information from Ministries and stakeholders. Results were used to draft the contents for the assessment report – a benchmark under activity 4.1. Based on a questionnaire (see Annex) several meetings were planned to be held with these authorities. Finally, the Ministry of Transport and Communications (MoTC) welcomed the Twinning team and MoEU experts. Experts from the MoTC were well informed about Twinning activities. In return, detailed information about the tasks of the department was received. On this occasion, the RTA presented the objectives of a Coordination Committee (CoCom), which requires Activity 4.3 to establish.

Minutes of meeting with MoTC were drafted and sent around for comments. The MoTC helped clarifying open questions. It expressed its interest in getting involved in the CoCom and in further supporting the TW Project's activities. The RTA invited the MoTC to the forthcoming workshops, which were to be held from 28-30 September 2011, which was welcomed.

The mission report is at Annex 12 of this progress report.

### **3.2 Proceedings of the activities**

Proceedings of the missions as well as minutes of meetings were laid down in the respective reports. In all cases, they were sent to the participants for comments. The final version with incorporated comments, together with agendas, presentations and lists of participants were archived at the RTA office. All presentations can now be downloaded from the Twinning Project website at <http://nec.cygm.gov.tr/nec/>. The site does also accommodate information about the related TA Project.

### **3.3 Issues to be considered**

Major changes or postponing of activities (e.g. Antalya workshop and study tour) on short notice does affect the project's efficiency. It should be realised that these also have budgetary implications.

4 2D - TIMING AND DELAYS

4.1 Adherence to Time Schedule

TR08IBEN02 Improving Emissions Control		2011												2012												2013			
Month of Project		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr				
Operational Project Management				QR				QR			QR			QR			QR			QR			QR		FR				
Project Coordination / Steering Committee Meetings				√				√			x			x			x			x			x		x				
running month		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
<b>Component 0 - Visibility Events</b>																													
Activity 0.1: Opening event	B0.1			√																									
Activity 0.2: Closing event	B0.2																								√				
<b>Component 1 - Understanding of int. and EU legislation related to the NEC Directive and of the roles and responsibilities of the competent authorities in the Transposition of the NEC Directive</b>																													
Activity 1.1: Identification present situation	B1.1.1	√				√																							
	B1.1.2	√						√																					
	B1.1.3							√																					
Activity 1.2: Investigation of roles and responsibilities	B1.2.1							√																					
Activity 1.3: Assessment of air management structure	B1.3.1							√																					
	B1.3.2																								√				
<b>Component 2 - Establishment of the necessary capacity to prepare and manage the national NEC Directive inventory system and to compile, report and archive NOx, NMVOC, SO<sub>2</sub> and NH<sub>3</sub> emissions data (including projections)</b>																													
Activity 2.1: Training on inventory preparation, management & reporting	B2.1.1	√		√				√																					
	B2.1.2													S1															
	B2.1.3																												
	B2.1.4																												
	B2.1.5			√																									
	B2.1.6																												
Activity 2.2: Awareness workshops and seminars	B2.2.1							√																					
	B2.2.2								√																				
Activity 2.3: Project Website	B2.3.1			√																									
	B2.3.2																												
	B2.3.3				√																								
<b>Component 3 - Establishment of the necessary capacity to develop a strategic action plan to reduce emissions of NEC pollutants and to implement the Action Plan</b>																													
Activity 3.1: Strategic Action Plan	B3.1.1							√	√																				
	B3.1.2																												
Activity 3.2: Abatement Road Map	B3.2.1																												
<b>Component 4 - Development of reporting capacity in line with the NEC Directive</b>																													
Activity 4.1: Evaluation the Institutional Capacity	B4.1.1		√	√		√																							
	B4.1.2																												
Activity 4.2: Training Programme	B4.2.1																												
	B4.2.2																			S2									
Activity 4.3: Dissemination Workshops	B4.3.1																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
		QR Quarterly progress Report												FR Final Report															
		√ Expert mission carried out												S1 Study Visits: 1. AT, 2. FI															

## **4.2 Recuperation of delays**

There was no delay in the reporting period.

## **5 2E - ASSESSMENT**

### **5.1 Overall Assessment of progress**

Considerable progress was made in the reporting period with eleven missions that involved about 15 STEs from Austria, Finland, Latvia and Romania. Working together with MoEU staff has been intensified and, cooperation largely improved because of the allocation of responsibility for the Project to the Division led by Ms. Funda FİLİZ.

TW and the associated TA Project worked closely together. This helped making information available to all MoEU experts and addressing *inter alia* a wider audience without duplicating of efforts.

Cooperation with other Ministries especially with the MoTC and with data providers is progressing well.

The Project was faced with a number of challenges including changing of workshop venue and postponing of the first study tour to Austria.

All project activities were carried out within the budget and timeframe foreseen. Some important benchmarks were met suggesting mandatory results for each component to be achieved subsequently.

### **5.2 Findings and Recommendations**

The MoEU is recommended to bundle activities regarding institutional assessment and development undertaken by individual projects (AQ, IPPC, VOC and NEC Twinning and associated TA Projects running at the same time). This may help avoiding duplication and/or overlap. Especially other Ministries contacted by these projects may feel bothered by repeatedly requesting meetings having the same or similar objective.

### **Section 3: Expenditures**

Budget tracking and actual expenditures in the reporting period are presented in a separate Excel file that is at Annex 13 of this report.

Done at Vienna and Ankara in four originals in the English language, one for each of the signatories, one for the CFCU and one for the EUD.

BC Project Leader  
**Dr. Mustafa ŞAHİN**

MS Project Leader  
**Mr. Manfred RITTER**

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Signature

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Signature

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Date

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Date