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TA Project: “Improving Emissions Control”

3rd Quarterly Progress Report and Plan for 4th and 5th Quarters





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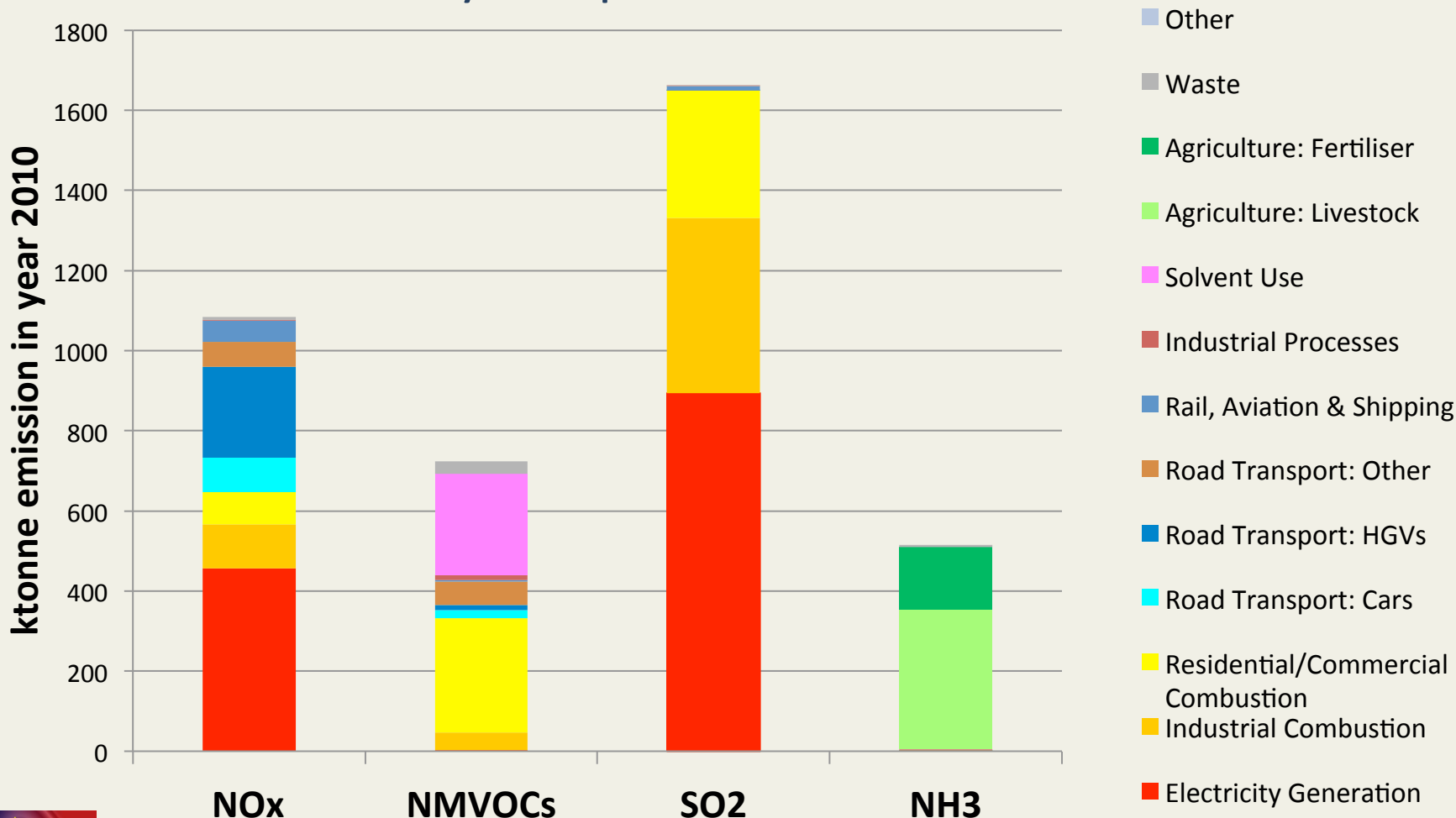




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Progress in 3rd Quarter ending 14 Dec 2011 (1)

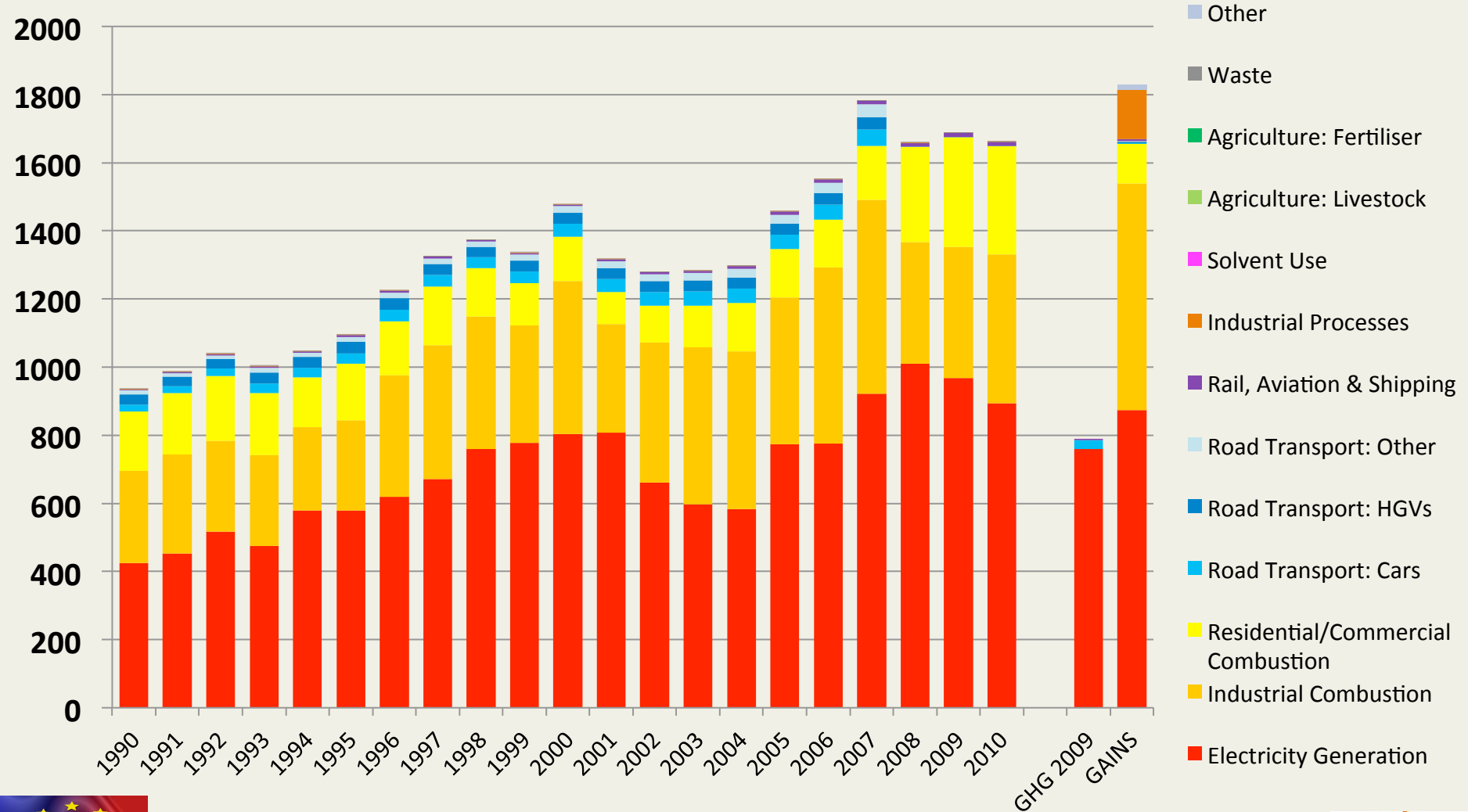
Emission inventory compiled for 1990-2010





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Historic Inventory – SO₂ ktonnes/year





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Progress in 3rd Quarter ending 14 Dec 2011 (2)

- Scenarios drafted as a basis for projections and emissions management strategy
 - Applied in detail to electricity generation sector
- Principles of approach for undertaking CBA developed
- Strategy formulated for gaining stakeholder feedback on scenarios
- Non-key experts approved
 - To collate costs data (CBA and RIA)
 - To help build capacity in application of strategic approach to air quality management using dispersion modelling and inventories as tools (Act. 1.9)





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Annex 6 – Scope of work for Activity 1.9

- Capacity building activity
- Technical Report No. 4
 - Summarises international experience of using local emission inventories, dispersion modelling and cost-benefit analysis to assist strategic decision making between alternative air quality management options
 - Guidance to Ministry staff on the applications of this approach and the tools and range of data required
- Roundtable meeting (workshop/seminar)
 - Present the report
 - Discussion on how the techniques might be applied within Turkey





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Annexes 7 – 10

Work in Progress

- Summary of approach to the preparation of emission management strategies and the identification of possible emission ceilings (An. 7)
- Scenarios (An. 8)
- Modelling the electricity demand, power generation capacity and the energy mix of the electricity generating sector (An. 9)
- Marginal damage costs arising from NECD pollutant emissions (An. 10)





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Annex 12 Potential scope and schedule of newspaper articles

- Up to four articles in the Cumhuriyet, aimed at helping to raise the awareness of the general public and stakeholders
 - Need for and benefits of managing NECD pollutant emissions to air
 - Major sources of such emissions in Turkey and an introduction to the issues involved in emissions management
 - Indicative findings of cost-benefit analysis
 - Project outcomes and what might lie ahead regarding NECD implementation





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Recommendations of QPR 03

- Establishment and active functioning of CoCom to be supported vigorously
- Approach to preparing emission projections to be continued – to stimulate stakeholder feedback
- CoCom to be a vehicle for stakeholder feedback:
 - Scenarios and planning assumptions
 - Emissions management strategy
 - Emission projections
- Rationalisation of Technical Report Nos. 5, 8 and 9 into one Report: 'RIA of Emission Management Strategies to Comply with Possible Emission Ceilings'



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QPR 03 Recommendations - Sustainability

- Further development of the capacity of MoEU staff to update and improve NECD inventory and projections
 - Resources, time, training: ‘learning by doing’ must be an essential component
- Mechanisms for exchanging historic activity/ emissions data and planning bases must be improved in future
 - CoCom has an important role
- Mechanisms are needed to ensure that Turkey’s NECD and GHG inventories are consistent





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Q4 and Q5 Workplan

Project Month	M10			M11			M12			M13			M14		M15											
Project Quarter	Q4									Q5																
EU Personnel in-Turkey, Activity and Output / Week Beginning	19-Dec-11	26-Dec-11	02-Jan-12	09-Jan-12	16-Jan-12	23-Jan-12	30-Jan-12	06-Feb-12	13-Feb-12	20-Feb-12	27-Feb-12	05-Mar-12	12-Mar-12	19-Mar-12	26-Mar-12	02-Apr-12	09-Apr-12	16-Apr-12	23-Apr-12	30-Apr-12	07-May-12	14-May-12	21-May-12	28-May-12	04-Jun-12	11-Jun-12
Russell Frost - KE1																										
Chris Dore - KE2																										
Peter Newman - KE3																										
Peter Faircloth - Economist																										
Scott Hamilton - AQ Dispersion Modeller																										
TR No. 3 - Emission Inventory																										
1.8 Establish emissions inventory database																										
1.11 Emission projections and TR No. 6																										
1.12 Seminar : NECD Emissions Inventory & Projections																										
1.9 TR No. 4 - Role of dispersion modelling																										
1.9 Roundtable - dispersion modelling for local CBA																										
2.5 CBA of Implementing NECD - TR No. 7																										
3.1 Workshop : Introduce RIA to Stakeholders																										
3.2 Regulatory Impact Assessment (RIA) - TR No. 8																										
3.3 Workshop : Ongoing RIA and Stakeholder feedback																										
3.4 Emission management strategies TR No. 9																										
4.1 Prepare inventory guideline																										
4.2 Prepare projections guideline																										





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Milestones for Q4 and Q5

Activity / Output		Planned Completion
1.7	Emissions inventory - TR No. 3	17/02/2012
1.11	Emission scenarios & projections – TR No. 6	23/03/2012
1.12	Seminar: NECD inventory and projections	31/01/2012
1.9	Role of Dispersion modelling – TR No.4 and Roundtable	16/03/2012
2.5	Cost-benefit analysis – TR No. 7	23/03/2012
3.1	Workshop : Introduce RIA	16/03/2012
4.1	Guideline – inventory	17/02/2012
4.2	Guideline – projections	23/03/2012





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Progress since 14 December

- Technical Report: Emission Inventory 1990-2010
 - Parts 1 and 2 drafted: Results Summary and Detailed (IIR)
- Inventory Guidelines
 - drafted
- Scenarios developed as a basis for projections and emissions management strategy (EMS)
 - Applied in detail for electricity generation sector
 - Feedback on scenarios planned via CoCom
- Act. 1.12 Workshop held 31/01/12 – emissions inventory and scenarios for projections and EMS
- Act. 1.9 Technical report drafted substantially and roundtable meeting planned
- Result 2 – costs collection for implementation of LCPD
- Act. 3.1 Workshop planned for introducing RIA process and interim CBA results

