



This project is co-financed by the European Union and the Republic of Turkey
Bu proje Avrupa Birliđi ve Türkiye Cumhuriyeti tarafından finanse edilmektedir.

TA Project: “Improving Emissions Control”

Priorities for NECD implementation

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Overall Objectives

- To meet the respective NECs established for Turkey by 2025 and for successive years
- To achieve this through the implementation of a number of 'other' Directives





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Overall aim

- Much more than just having to comply for EU Membership
- Great benefits for
 - Health of the population
 - Agriculture
 - Built environment
- Helps to prevent effects on Neighbouring Countries due to long range air pollution
- But will cost a lot of money and so need to prioritise actions taken





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Priority Sectors

Principal Sources of Emissions	NECD Pollutant			
	SO ₂	NO _x	NMVOC	NH ₃
Electricity generation	√	√		
Industrial production (combustion emissions)	√	√		
Solvents industrial use; product use (all sectors)			√	
Residential/domestic combustion (heating etc.)	√	√	√	
Road transport	√	√	√	
Agriculture				√





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Priorities in Terms of Time: SO₂

Priority: **H(igh)**= within next 2 years, **M(edium)** by 2019

NECD Pollutant	Action	Priority
SO ₂	• Introduce Good Practice	H
	• Enforce By-Law with implemented the SCLFD in Turkey	H
	• Permit all Power stations under IPPC	H
	• Implement LCPD for all new Lignite and Coal fired Power stations	H
	• All new Lignite and Coal fired Power stations to be fitted with FGD	H
	• All existing Lignite and Coal fired Power stations to be fitted with FGD	M
	• Change fuel mix	M
	• Improve distribution grid	M



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Priorities in Terms of Time: NOx

Priority: **H(igh)**= within next 2 years, **M(edium)** by 2019

NECD Pollutant	Action	Priority
NOx	• Introduce Good Practice	H
	• Permit all Power stations under IPPC	H
	• Implement LCPD for all new Lignite and Coal fired Power stations	H
	• All new Lignite and Coal fired Power stations to be fitted with LNOX/OFA (and larger plant with SCR)	H
	• Improve car maintenance	H
	• All new vehicles to meet EURO 6 and VI	H
	• All existing Lignite and Coal fired Power stations to be fitted with LNOX/OFA	M
	• Change fuel mix	M
	• Improve distribution grid	M





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Priorities in Terms of Time: NMVOC

Priority: **H(igh)**= within next 2 years, **M(edium)** by 2019

NECD Pollutant	Action	Priority
NMVOC	• Introduce Good Practice (very important)	H
	• Improve car maintenance	H
	• All new vehicles to meet EURO 6 and VI	H
	• Permit all processes using solvents under IPPC	H
	• Introduce VOC Directives	H
	• Introduce Deco-paints Directives	M
	• Complete introduction of PVR Stage 1	M
	• Introduce PVR Stage 2	M





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Priorities in Terms of Time: NH₃

Priorities: **H(igh)**= within next 2 years, **M(edium)** by 2019

NECD Pollutant	Action	Priority
NH ₃	• Introduce Good Practice	H
	• Introduce better storage of animal manure	H
	• Introduce better disposal of animal manure (NVZ)	H
	• Reduce use of nitrogenous fertiliser (NVZ)	H
	• Introduce better housing of animals	M
	• Introduce larger breeds of cows	M



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Thank You for Your Attention

