

Development of a National Set of Environmental Performance Indicators for Turkey

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This study was conducted as part of an EU funded project; “EuropeAid/125541/D/SER/T Technical Assistance for the Establishment of a Turkish Environmental Information Exchange Network (TEIEN)”. A set of national environment indicators has been developed for Turkey within the framework of this project. This study describes the development of environmental performance indicators for Turkey based on DPSIR (Driving force-Pressure-State-Impact-Response) model. The selection of indicators was performed based on international indicator sets used by OECD, EEA, EUROSTAT, World Bank, UN and other countries. Five criteria were considered in selecting the indicators and a total of 103 indicators were included in the national set of indicators for Turkey under the themes of climate change, air quality, waste, water, land use, biodiversity, agriculture, energy, industry, tourism and transportation. Currently, a part of these indicators are in use due to inadequate data availability. Turkey needs to improve in-situ monitoring and collection of data to better implement the environmental performance indicators included in the national set of indicators.