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The Low Carbon Solution to Turkey's Fossil Energy Problems: Green Economy / Türkiye'nin Fosil Enerji Kaynaklı Sorunlarına Düşük Karbonlu Bir Çözüm: Yeşil Ekonomi

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ABSTRACT

Energy use in Turkey is largely depending on fossil energy sources. Turkey is a net energy importer and energy import is one of the most important item that effects current account deficits negatively. Turkey's energy demand is mostly based on import fossil fuels around 70%. Besides current account deficits, Turkey needs to diversify the energy sources to provide energy supply security. Turkey's current energy portfolio increases the carbon footprint. In order to minimize the damage to the environment during the production of energy it should be preferred to the use of renewable energy sources instead of fossil fuels. Renewable energy sources are clean and environmentally friendly. Clean energy production and consumption is vitally important in terms of reaching environmental, social and economic sustainability. This major transformation called green economy is necessary not only to protect ecological balance, but also it is economically beneficial.

KEYWORDS Renewable Energy; Fossil Fuels; Carbon Footprint; Green Economy; Turkey

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