# The effects of environmental investments on employment in the Greek economy (2010-2020): An input-output approach

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**Abstract:** The purpose of this paper is to evaluate the contribution of the environmental investments ("green" investments) in terms of employment in the Greek economy. The "green" investments include investments in electricity generation from renewable energy technologies, reducing domestic energy consumption, reducing air emissions from automobiles and alternative waste management, etc. The vector of investment refers to the time period 2010-2020 in Greece by sector of economic activity (NACE). The Input Output (IO) approach is applied to our analysis given that it calculates direct, indirect and induced effects on employment, by sector of economic activity. Concerning employment, the main finding of the paper is that each 1M€ of investments is expected to create employment equal to 24.75 full-time equivalent employees, of which 56.49 % is direct, 23.29% indirect and 20.22% induced employment. Meanwhile, every year the "green" investments create employment equal to 74300 full-time equivalent employees, on average.

**Keywords:** green investments, Greece, input – output analysis, employment, effects.