

STRATEGIC SUGGESTIONS TO MAKE RENEWABLE ENERGY ECONOMICALLY MORE EFFICIENT

Abstract

The term Energiewende (German for energy transition) is a call for the complete abandonment of conventional energies to stop the established climate change. This behavior is interminable and could be achieved only in successive steps. According to this, deployments of renewable energy technologies is considered as a critical approach to sustainable development. Obviously, the renewable energy use can lower a nation's dependency on imported fuels and purchase of energy from foreign markets. It also drives technological innovation and generates employment scheme while enhancing clean development mechanism. Consequently, this paper presents existing renewable energy use in Morocco and it also makes some critical recommendations to induce development of renewable and sustainable energy systems further. The structure of the study is based on suggestions on how to implement innovative processes using renewable energy (solar and wind energy) to use the local resources to develop the economics of the country.

The main characteristic of this paper is that it summarizes approaches for renewable energy use tailored for a case of Morocco and that this was not done in literature so far. The recent literature conducted similar case studies for other countries like, e.g., Germany (Jürgen Blazejczaka, 2012), China (Hancheng Dai, 2016), or for whole economic areas like the European Union, USA (NinaKelsey, 2018) or like the MENA-Region (Montassar Kahia, 2017), and Africa (Presley K., 2016), but for Morocco there is a gap in literature.

Finally, some key interventions are proposed to achieve economic growth.

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