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Karim Choukri

Murdoch Un Hassan 1st University, Morrocco

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Renewable energy in emergent countries: lessons from energy transition in Morocco

Abstract

Morocco, which has no conventional energy resources, depends entirely on the international primary energy market to satisfy its growing demand due to its economic growth and demographic progression. The country imports the majority of its energy source supply. Morocco has implemented an important energy strategy that supports the country's transition to renewable energy and energy efficiency that generalizes across all consumer sectors of the economy (housing, transport, industry). To fulfill this energy transition, the liberalization of renewable energy market was adopted and financial mechanisms have been created to stimulate private sector involvement and to facilitate the implementation of the public–private partnership. The government and public institutions that were created to accompany Morocco's energy vision have committed to drive the development of projects in the priority areas of renewable energy and energy efficiency, but the country still needs to deal with many barriers related to the policy, financial, and technical frameworks.

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Biography

Karim Choukri is Phd Engineer on renewable energy and sustainable development. He is head of Wind Energy section, Directorate of Renewable Energy and Energy Efficiency in the Ministry of Energy Mines& Sustainable Development. He is nominated, since 2013, as a Co-Chair of the Moroccan-German Energy Partnership. He has published articles and reports about Renewable Energy including

References

- K.Choukri, A.Naddami, S.Hayani <u>"Evaluation of the capacity</u> reserve in a grid supplied by intermittent energy sources", IET Renewable Power Generation (Scopus), [<u>Crossref</u>] [<u>Google</u> <u>Scholar</u>] [<u>Indexed at</u>]
- K.Choukri, A.Naddami, S.Hayani "<u>Renewable Energy In</u> <u>Emergent Countries: Lessons From Energy Transition In</u> <u>Morocco", Energy, Sustainability and Society Journal</u> <u>(Springer)</u>, vol 25 (7), pp 2-11, 2017. [<u>Crossref</u>] [<u>Google</u> <u>Scholar</u>] [Indexed at]

karim.choukrii@gmail.com

REMAP2030 with IRENA and the Arab Future Energy Index RE Report with RCREEE. He elaborates studies and analysis about renewable energy and its integration on the grid and assessment of energy policing. He is a Member of the Renewable Energy University Network (REUNET) in Morocco.

- K.Choukri, A.Naddami, S.Hayani "Deep analysis of wind variability and smoothing effect in Moroccan wind farms", Wind Engineering, Vol. 41(4), pp. 272–281, 2017. [Crossref] [Google Scholar] [Indexed at]
- K.Choukri, A.Naddami, S.Hayani "<u>Smoothing Effect and Wind</u> <u>Power Variability of Moroccan Wind farms</u>", International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (SAGE), Vol. 5(6), pp. 4501– 4508, 2016. [<u>Crossref</u>] [<u>Google Scholar</u>] [<u>Indexed at</u>]