



A strategy for the introduction of desalination powered by renewable energy in Jordan

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ABSTRACT

Within the ADIRA project (www.adira.gr) a strategy has been developed facilitating the up-take of desalination powered by renewable energy in Turkey, Morocco, Jordan and Egypt. This strategy has been documented in a central report called the “Master Plan for the Wide Implementation of Autonomous Desalination Systems in Turkey, Morocco, Jordan and Egypt”. In this paper the work and results for Jordan are presented. The work methodology included planning of the process, with definition of five sections for the strategy and the information needed for the assessment of the current situation of the country. A literature review was then conducted to find out what relevant information was already collected and classified by others. In the next stage, research was conducted to identify and gather all relevant information, like legislation, prices, cost figures, administrative procedures etc. Interview with key stakeholders took place after that in order to fill the information gaps and to find out how things work in practice. In the end the information was evaluated and analysed. Recommendations have been developed for action by the Autonomous Desalination Community that will facilitate the improvement of the framework conditions for the implementation of concrete installations.

Keywords: Strategy; Autonomous desalination; Renewable energy; Jordan

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