

# **Integration of wind farms in spatial planning and a proposal for a mechanism and criteria for access to a national wind map suitable for investment**

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## **Abstract**

Wind farms are established to obtain clear renewable green energy as key for solving World Energy problems; in addition to eliminating climate changing problems. Therefore, it is vital to establish directive principles for planning wind farms. In order to meet the requirements of such development in obtaining renewable green sustainable energy; it is critical to achieve easy access to necessary licenses; accordingly, enhancing various strategies to implement Sustainable Energy Systems.

The research focused on the proposal to the principles and foundations of wind farms as a solution for renewable energy that include environmental considerations. Therefore, providing energy against economic costs, by following a symmetrical balance between environmental, social and economic needs and by lying the basis for green cost-effective sustainable energy to reach conclusive standards on both national and regional levels for access to a national wind map suitable for investment.

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Keywords: Alternative energy, Wind energy, Spatial planning, Wind farms, Wind map.

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For the paper in Arabic see pages (161-175).

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