

Donor country Denmark			
Project/programme title Zafarana Wind Farm Project, Component III			
Purpose Increase production of wind power to benefit economic growth in a sustainable manner			
Recipient country Egypt	Sector Energy	Total funding 319.4 Mill. DKK	Years in operation 2005-2010, 5 years
Description The project is the grant contribution to a mixed credit loan for the extension of the Zafarana Wind Farm at the Gulf of Suez. The project owner is the New and Renewable Energy Agency (NREA) in Egypt. The extension of 120 MW is the third part of Danish support to Zafarana Wind Farm. The first component of 30 MW was financed by grant funds, the second phase of additional 30 MW was partly grant partly mixed credit. The 120 MW will together with support from other bilateral donors bring the total capacity of the farm up to 545 MW. The development of Zafarana Wind Farm is a result of efforts initiated in 1997 with development of a wind map for Egypt and with detailed wind mapping of the Zafarana site, as well as institutional support to NREA. The electricity produced is fed into the national electricity grid and off set use of natural gas for electricity production. The total cost of the project is approximately 956 Mill. DKK.			
Indicate factors that led to project's success Significant wind resources. Step by step experiences gained with the location and the organisation.			
Technology transferred Wind turbines, operation and maintenance skills. Tariff structures.			
Impact on greenhouse gas emissions/sinks Reduction in CO2 emissions due to avoided use of natural gas for electricity production.			