

Annex 3: Results Framework and Monitoring
EGYPT, ARAB REPUBLIC OF: EG- Wind Power Development Project

Results Framework

PDO	Project Outcome Indicators	Use of Project Outcome Information
<ul style="list-style-type: none"> Infrastructure and business models developed for scaling up wind power 	<ul style="list-style-type: none"> Transmission infrastructure to evacuate 3,000 MW of wind power Financial close of first private sector investment in wind power (250 MW) % progress in implementing remaining wind competitive bidding program (2,250 MW) Projected GHG emission reductions from 2,500 MW of new wind capacity Public and private investments leveraged for transmission and first BOO wind project Total job creation in the wind industry Wind power supply chain development Provision of wind energy to households 	<ul style="list-style-type: none"> Progress toward govt. renewable energy commitments Progress towards economic development impacts
Intermediate Outcomes	Intermediate Outcome Indicators	Use of Intermediate Outcome Monitoring
<ul style="list-style-type: none"> Construction of transmission infrastructure 	<ul style="list-style-type: none"> 500 kV transmission line from Suez Gulf to Samallout 	<ul style="list-style-type: none"> Monitoring development of transmission infrastructure for wind

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	<ul style="list-style-type: none"> • 500kV/220 kV substation in Ras Gharib • New 500 kV/220 kV transformer at Samallout • 220 kV transmission line from Ras Gharib to Gabel El-Zait 	power development
<ul style="list-style-type: none"> • Technical assistance for wind program 	<ul style="list-style-type: none"> • Legal and financial advisory services to EETC for first 250 MW BOO wind project • Procedures for wind power integration by system operator 	<ul style="list-style-type: none"> • To monitor building of institutional capacity at EETC capacity for wind scale-up
<ul style="list-style-type: none"> • Wind competitive bidding program launched 	<ul style="list-style-type: none"> • Development and construction of 250 MW BOO project at Gulf of Suez • Competitive tendering of 2X250 MW 2011, 2012 and 2013, and 3X250 MW in 2014 	<ul style="list-style-type: none"> • Monitoring the involvement of private sector in wind power development in Egypt

Arrangements for results monitoring

Project Outcome Indicators	Baseline	Target Values					Data Collection and Reporting		
		YR1	YR2	YR3	YR4	YR5	Frequency and Reports	Data Collection Instruments	Responsibility for Data Collection
Transmission infrastructure to evacuate 3,000 MW of wind power	0%	0%	30%	60%	85%	100%	6 monthly reports as part of Bank supervision missions	Reports from EETC	EETC/NREA
% progress in implementing remaining wind competitive bidding program (2,250 MW)	0%	10%	20%	40%	50%	60%	Same as above	Same as above	Same as above
Projected GHG emission (MT annually) reductions from 2,500 MW of new wind capacity	1.2	1.9	2.4	4.1	5.5	7.0	Same as above	Same as above	Same as above
Public and private investments leveraged for transmission and first BOO wind project	Transmission line reaches financial closure		BOO project reaches financial closure	BOO project reaches financial closure			Same as above	Same as above	Same as above
Total job creation	200		900	10,200	16,700	15,200	yearly	Input-output analysis of supply chain figures	EETC
Supply chain development	2.6 MUD		12 MUSD	133 MUSD	217 MUSD	198 MUSD	yearly	Budget information and accounts from developers & contactors	EETC
Household's benefitting from wind energy	525,000	300,000	600,000	700,000	700,000	700,000	yearly	EEHC data	EETC
mediate Outcome Indicators									