



Egyptian CDM Project Portfolio (Updated August, 2010)

Project	CERs	Expected last year of CERs delivery	Expected first year of CERs delivery	DNA Status	Contract	Date of L.No.Objec.	Date of L.of Apr.	EB-CDM Registration
Renewable Energy								
1. Zafarana Wind Power Plant Project 120 MW (NREA– Japan)	248,609	2028	2008	Approved	X	11/4/2005	1/6/2006	Registered 22 Jun 07
2. Zafarana 8 - Wind Power Plant Project, Arab Republic of Egypt 120 MW (NREA-Denmark)	197,422	2030	2010	Approved	X	10/9/2005	27/11/2007 and reissued to rename the project in 13 /7/ 2009	At Validation (Validation activities are still ongoing)
3. Zafarana 85 MW Wind Power Plant Project in the Arab Republic of Egypt (NREA– Spain)	154,772	2030	2010	Approved	X	10/5/2006	13/7/2009	At Validation (Validation activities are still ongoing)
4. Zafarana KfW IV Wind Farm Project 80 MW (NREA-Germany)	171500	2030	2010	Approved	X	10/5/2006	27/12/2008	Registered 2 March 2010
5. Gulf El Zeit Wind Power Farm Project 120 MW (up to 400 MW) – Italgen Egypt	250,000	2032	2012	Accepted		7/3/2010		
6. 200 MW Wind Farm at the Gulf of El Zayt (NREA-Germany – EC – EIB)	481800			Pipeline				
7. Demitta Barrage Small Hydropower Project	47.058	2030	2010	accepted		10/9/2005		
8. Assuit Barrage Hydropower Project	134,330	2030	2010	accepted		10/9/2005		
9. Biomass Bases Steam and Power Generation by Indorama Organics (Egypt) Co.S.A.E. in Beni Suef, Egypt	70000	2020	2011	accepted		13/7/2009		
10. Biogas Generation from Waste Water Treatment and Utilization for Heat Generation by Indorama Organics (Egypt) Co.S.A.E. in Beni Suef, Egypt	20000	2020	2011	accepted		13/7/2009		
11. Installation of Solar Cooling System at the British School and Mosque in Madinaty Project				Pipeline				
12. Installation of Solar Panels for Solid waste Collection Bins				pipeline				

and Alarm System to Reduce Trips by Waste Collection Trucks in Madinaty Project									
13. Kuraymat Integrated Solar Combined Cycle Power					pipeline				
Afforestation									
14. Greater Cairo Ring Road Afforestation Project- (Second stage)	100,000	2030 (Renewable 2 times)	2011		accepted		26/7/2010		
15. Jatropha Luxor Project – submitted by JatroSolutions GmbH – Private sector / consulting firm	7800 (first 10 years) 2300 (the rest 20 years)	2043	2014		accepted		26/7/2010		
16. Using agricultural solid waste as biofuels for energy generation (up to 3 projects)					pipeline				
Waste									
17. Onyx Alexandria Landfill Gas Capture and Flaring Project	370,903	14/12/2016	15/12/2006		Approved	X	4/1/2006	1/6/2006	Registered 15 Dec 06
18. Land Filling and Processing Services for Southern Zone in Cairo	76,652	2019	2010		Approved		25/1/2007	27/11/2007	At Validation (Corrective action or clarification has been requested)
19. Methane Reduction by Composting of Municipal Waste from Cairo North and West	310,000- 390,000	2019	2010		accepted				
20. Abu Zabal Landfill Gas Recovery and Flaring/Destruction	94,819	2031	2011		Approved		1/6/2007	7/3/2010	
21. Methane Capture and Flaring in Belbis Landfill	46,528 (Total over 10 years)	2019	2010		accepted		27/12/2008		
22. Methane reduction by composting in Khatatba landfill	7,312	2030	2010		accepted		27/12/2008		
23. Methane gathering flaring (2 projects) in Elkhattara Landfill, Elsharkia governorate and Shabramant Landfill- Giza governorate					pipeline				
24. Avoided methane emissions by solid waste composting (up to 4 projects)					pipeline				
Fuel Switching									

25. Emissions reduction through partial substitution of fossil fuels with renewable plantation biomass and biomass residues in CEMEX Assuit Cement Plant	204,693	2030	2010	Approved	X	10/5/2006	2/6/2008	At Validation (Validation activities are still ongoing)
26. Egyptian Brick Factory GHG Reduction Project	455,270	2017	2008	Approved		14/9/2006	25/1/2007	Minor corrections (following request for review)
27. Sinai for Cement	120,000	2030	2010	accepted		4/1/2006		
28. Line 3 Greater Cairo Metro Network Phase 1 &2 Project	43,000	2030	2010	accepted		10/5/2006		
29. Equipment Replacement & Fuel Switching, Dyeing Material & Chemicals (ISMADYE) Co.	13,000	2030	2010	accepted		14/9/2006		
30. Fuel Switching in Boilers, Dryers and Fumaces of (OASC)	18,000	2030	2010	accepted		14/9/2006		
31. Fuel Switching from Mazout to Natural Gas in Misr Fine Spinning & Weaving and Misr Beida	45,434	2019	2010	Approved		13/7/2009	7/3/2010	At Validation (Validation activities are still ongoing)
32. Fuel Switching at the National Cement Co. (NCC), Egypt	306,454	2019	2010	Approved		25/1/2007	13/7/2009	At Validation (Validation activities are still ongoing)
33. Reduce the Share of Clinker in the Production of a blended Cement type at the National Cement Co. (NCC)	66,197	2019	2010	Approved			13/7/2009	At Validation (Validation activities are still ongoing)
34. Fuel Switching from Heavy Oil to Natural Gas in Dakahlia Spinning & Weaving Co.	700	2019	2010	accepted				
35. Fuel Switching for Industrial Processes in Delta Steel Co.	11,000	2019	2010	accepted		25/1/2007		
36. Fuel Switching from Light Oil and Cookoven Gas to Natural Gas in El-Nasr Forging Industry Co.	2000	2019	2010	accepted		13/7/2009		
37. Fuel Switching from Light Oil to Natural Gas in Damietta Spinning & Weaving Co.	500	2030	2010	accepted				
38. Equipment Replacement and Fuel Switching at El-Mex Salinas Co.	418	2019	2010	accepted		25/1/2007		

39.	Reduction of Sodium Carbonate Content in Nile Oil & Detergent Co.	800	2030	2010	accepted		27/11/2007		
40.	Carbon Dioxide Emissions Reductions in Misr Oil & Soap Co.	23,000	2030	2010	accepted		27/11/2007		
41.	Fuel Switching from Heavy oil to Natural Gas in El-Nasr Wool & Selected Textiles Co. – STIA	1700	2019	2010	accepted		27/11/2007		
42.	Fuel Switching from Mazout to Natural Gas in General Co. for Paper Industry (RAKTA)	18,134	2019	2010	accepted		2/6/2008		
43.	Fuel Switching to Cleaner Fuel in Middle East for Paper (SIMO) Manufacturing Co.	6,454	2019	2010	accepted		2/6/2008		
44.	Fuel Switching to Cleaner Fuel in the Egyptian Starch & Glucose Manufacturing Co. (Tourah Plant)	11,358	2019	2010	accepted		2/6/2008		
45.	Fuel Switching to Alternative Fuel in Kattameya and Helwan Cement Plants	188,000	2019	2010	accepted		2/6/2008		
46.	Fuel Switching from Mazout to Natural Gas in the Egyptian Sugar and Integrated Industries Co. at Abu Kurkas Factory	57,200	2019	2010	accepted		27/12/2008		
47.	Egypt Vehicle Scrapping and Recycling (POA)	26703000			Approved		7/3/2010	6/2010	At Validation
48.	Fuel Switch from Natural Gas to Biomass Project in Pepsi Cola Egypt (6 October Factory)	2585	2021	2012	accepted		26/7/2010		
49.	Fuel Switch from Natural Gas to Biomass Project in Pepsi Cola Egypt (Alexandria Factory)	1,747.09	2021	2012	accepted		26/7/2010		
50.	Fuel Switch from Natural Gas to Biomass Project in Pepsi Cola Egypt (Sohag Factory)	1,620.14	2021	2012	accepted		26/7/2010		
51.	Fuel Switch from Natural Gas to Biomass Project in Pepsi Cola Egypt (Port Said Factory)	3,662.21	2021	2012	accepted		26/7/2010		
52.	Fuel Switch from Natural Gas to Biomass Project in Pepsi Cola Egypt (Cairo Factory)	3,662.21	2021	2012	accepted		26/7/2010		
53.	Fuel Switch from Natural Gas to Biomass Project in Pepsi Cola Egypt (Elmenya Factory)	2,157.79	2021	2012	accepted		26/7/2010		
54.	Fuel Switch from Natural Gas to Biomass Project in Pepsi Cola Egypt (Tanta Factory)	3,662.21	2021	2012	accepted		26/7/2010		
55.	Fuel Switching from Mazout to Natural Gas in the Egyptian Sugar and Integrated Industries Company (ESIIC) / Kom Ombo Factory Project	21513	2021	2012	accepted		26/7/2010		
56.	Fuel Switching from Mazout to Natural Gas in the Egyptian Sugar and Integrated Industries Company	11187	2021	2012	accepted		26/7/2010		

(ESIIC) / Guirga Factory Project								
57. Fuel Switching from Mazout to Natural Gas in the Egyptian Sugar and Integrated Industries Company (ESIIC) / Naga Hammadi Factory Project	7314	2021	2012	accepted		26/7/2010		
58. Fuel Switching from Mazout to Natural Gas in the Egyptian Sugar and Integrated Industries Company (ESIIC) / Dshna Factory Project	27536	2021	2012	accepted		26/7/2010		
59. Fuel Switching from Mazout to Natural Gas in the Egyptian Sugar and Integrated Industries Company (ESIIC) / Qus Factory Project	44747	2021	2012	accepted		26/7/2010		
60. Fuel Switching from Mazout to Natural Gas in the Egyptian Sugar and Integrated Industries Company (ESIIC) / Armant Factory Project	30118	2021	2012	accepted		26/7/2010		
61. Fuel Switching from Mazout to Natural Gas in the Egyptian Sugar and Integrated Industries Company (ESIIC) / Idfu Factory Project	27536	2021	2012	accepted		26/7/2010		
62. Fuel Switching from Solar to Natural Gas at the Egyptian Plastic and Electrical Industries (E.P.E.I) Co.Project	10000	2021	2012	accepted		26/7/2010		
63. Fuel Switching from Mazot to Alternative Fuels (Partial) at Amreyah Cement Company	57,414	2011	2020	accepted		26/7/2010		
64. Glass for Dyeing and Preparation				pipeline				
65. 22 Brick Kilns in Fayoum				pipeline				
66. 8 Brick Kilns in Fayoum				pipeline				
67. 5 Brick Kilns in Fayoum				pipeline				
68. Fuel Switching at National Steel Plant				pipeline				
69. Fuel Switching into Natural Gas in "Nadin Print" textile factories				pipeline				
70. Fuel Switching into Natural Gas in lime factories				pipeline				
71. Fuel Switching into Natural Gas for 22 industrial factories in Alexandria				pipeline				
72. Fuel Switching into Natural Gas for 12 industrial factories in Beni-Swaif (Upper Egypt)				pipeline				
Energy Efficiency								
73. Al-Sindian 13 MW Natural Gas based Cogeneration Package Project, Egypt	24,541	2030	2010	Approved	X	4/1/2006	25/1/2007	At Validation (Validation activities are

								still ongoing)
74. Waste Gas-based Cogeneration Project at Alexandria Carbon Black Co., Egypt	109,514	2028	2008	Approved	X		27/11/2007	Registered 26 Jul 08
75. Waste heat recovery based Cogeneration project at Abu Zaabal Fertilizers and Chemicals Company	54,679	2030	2010	Approved		2/6/2008	2/6/2008	Validation Terminated
76. Waste Heat Recovery in Delta Steel Co.	35,000	2019	2010	accepted		2/6/2008		
77. Waste Heat Recovery for Gas Turbine Generators Project	31,096	2030	2010	accepted		27/12/2008		
78. Egypt Household CFL Project	223,000	2019	2010	accepted		27/12/2008		
79. Power Generation by Utilizing Coke Oven Gas of Al-Nasr Co. for Coke & Chemicals	68,477	2019	2010	accepted		27/12/2008		
80. El Nasr for Carton Cogeneration				pipeline				
81. Misr El-Monofia Cogeneration				pipeline				
82. El Mohandes for Pasta Cogeneration				pipeline				
83. Abou Zabaal Fertilizers Waste Heat Recovery				pipeline				
84. Semadco Fertilizers Waste Heat Recovery				pipeline				
85. Energy efficiency measures at MRI-Mansoura unit	4000	2020	2011	accepted		26/7/2010		
86. Energy Efficiency in Water Pumping Systems Project at Greater Cairo Drinking Water Company	69,915	2021	2012	accepted		26/7/2010		
87. Energy Efficiency and Heat Recovery Project at Sinai White Cement Co.	8500	2020	2011	accepted		26/7/2010		
88. Natural Gas Leaks Reduction on Gas Distribution Networks of the Ministry of Petroleum of the Arab Republic of Egypt submitted by Oneliria Trading LTD. Co.	300,000	2019	2010	accepted		26/7/2010		
89. Gas Flare Recovery in Suez Oil Processing Company	120,000	2021	2012	accepted		26/7/2010		
Industry								
90. Catalytic N2O destruction project in the tail gas of the Nitric Acid Plant of Abu Qir Fertilizer Co.	1,065,881	2026	2006	Approved	X	26/4/2005	1/6/2006	Registered 07 Oct 06
91. Delta Fertilizers N2O Abatement	242,000	2019	2010	accepted		25/1/2007		
92. Semadco Fertilizers N2O Abatement	276,000	2019	2010	accepted		26/7/2010		
93. KIMA Chemical Industries N2O Abatement	146,084	2019	2010	accepted		25/1/2007		
94. Flared Gas Recovery System	60,740	2030	2010	accepted		27/12/2008		
95. Producing Liquefied CO2 With Production Capacity of 2.5 ton/hour	43200	2019	2010	accepted		13/7/2009		

❖ **Current Status:**

Registered Projects = 5

Approved Projects = 12

Accepted Projects = 57

Pipeline Projects = 21

Total = 95

❖ **Abbreviations:**

CERs : Certified Emission Reductions

PIN : Project Idea Note

PDD : Project Design Document

L. No. Obj.: Letter of No Objection

L.o. A : Letter of Approval

Accepted : Get letter of no objection

Approved : Get letter of Approval

Pipeline : In the phase of preparing Project Idea Note

Contracts : Contracts of Environmental Protection Fund Share from CERs signed between EEAA and companies

Registered: Registration in the CDM-EB

❖ **Approved projects may have opportunity for buying CERs or even co-investors.**