

The total list of CDM projects approved by Interagency Council (as status on 10 January 2012)

№	Project/Idea title	CDM investors availability	Estimated volume of CERs (thousand tons of CO2 equivalent per annum) *	Total of calculated investment costs (thousand USD)**	Current status
NHC "Uzbekneftegas"					
1	Utilization of associated gas at North Shurtan, Garmston, and Kumchi deposits	World Bank	148,6	7 550,0	Pre-validation
2	Utilization of associated gas at Sardob and Markovskoe deposits		27,1	7 550,0	PIN
3	Utilization of associated gas at Umid, Kruk, Western Kruk, Sarikum, and Yangi Darboza deposits	TRICORONA AB	71,1	4 900,0	PIN
4	Utilization of associated gas at Arniyaz, Marjon, Yangi Pamuk, and Central Pamuk deposits		44,1	2 200,0	PIN
5	Reduction of natural gas leaks at compressor stations of Uztransgaz JSC	MDG Carbon Fund	504,0	1 200,0	Registered at UNFCCC
6	Installation of gas turbines at KS-2 and KS-3 compressor stations for off-grid power generation	Undefined	92,4	64 250,0	PIN
7	Reducing methane leaks from main gas pipelines by implementation of SCADA system (3 stages)	Undefined	1 534,0	55 650,0	PIN
8	Construction of booster compressor station at Gazli underground gas storage	Undefined	76,8	156 350,0	PIN
9	Reducing gas leaks at low-pressure and medium-pressure gas distribution networks in Ferghana valley	MASDAR	1 211,6	5 000,0	Registered at UNFCCC
10	Higher effectiveness of energy use by electric engines used by GPA at Kagan KS-1 (4 electric engines)	Undefined	10,9	4 250,0	PIN
11	Higher effectiveness of energy utilization by power engines used by gas compressor unit (GCU) at Zirabulak compressor stations (CS) -2 (13 electric engines)	Undefined	42,4	13 250,0	PIN
12	Higher effectiveness of energy utilization by power engines # 5-8 used by GCU at Gallaorol CS-3 (14 electric engines)	Undefined	47,3	14 250,0	PIN
13	Higher effectiveness of energy utilization by power engines used by GCU at Yangiyer CKS-3B (6 electric engines)	Undefined	22,0	6 250,0	PIN
14	Reducing gas leaks at low-pressure and medium-pressure gas distribution networks in Tashkent city and Tashkent province	Macquarie Bank Limited	1 053,6	3 500,0	Registered at UNFCCC
15	Reducing gas leaks at low-pressure and medium-pressure gas distribution networks in Samarkand, Jizzakh, and Syrdarya provinces	Climate Change Capital	1 021,1	5 000,0	Registered at UNFCCC
16	Reduction of gas leakages in low-pressure gas distribution network's in Khorazm region and Republic Karakalpakistan	Undefined	768,0	5 000,0	Bidding on selection of the CDM-investors for the project
17	Reduction of gas leakages in low-pressure gas distribution network's in Bukhara and Navoiy regions	Climate Change Capital	818,0	3 000,0	Registered at UNFCCC
18	Reduction of gas leakages in low-pressure gas distribution network's in Kashkadarya and Surhandarya regions	Climate Change Capital	560,0	3 000,0	Registered at UNFCCC
Sub-total			8 052,9	362 150,0	
Ministry of agriculture and water resources of the Republic of Uzbekistan					
19	Hydropower plant-2 at Andijan water reservoir in Andijan province	TRICORONA AB	110,0	28 620,0	PIN
20	Hydropower plant at Ahangaran water reservoir in Tashkent province	TRICORONA AB	42,8	23 456,7	PIN
21	Hydropower plant at Gissarak water reservoir in Kashkadarya province	Undefined	52,0	28 000,0	PIN
22	Shakhimardan small hydropower plant at Koks river of Ferghana province	Undefined	8,4	5 000,0	PIN
23	Gulba small hydropower plant on Dargom canal in Samarkand province	Undefined	19,3	24 700,0	PIN
24	Bogishamol-2 small hydropower plant on Dargom canal in Samarkand province	Undefined	21,7	14 142,0	PIN
25	Hydropower plant at Karkidon water reservoir in Ferghana province	Undefined	33,7	10 981,0	PIN
26	Shaudar small hydropower plant on Dargom canal in Samarkand province	Undefined	25,5	15 757,0	PIN
27	Cascade of Zarchob small hydropower plant on Tupalang river in Surkhandarya province	Undefined	160,8	66 010,0	PIN
28	Reforestation and afforestation in Jomboy and Zamin forestries	Undefined	1,7	325,6	PIN
Sub-total			475,9	216 992,3	
SJSC "Uzbekenergo"					
29	Modernization of Tashkent Thermal power plant (TPP) (Construction of CHP, capacity – 370 MW)	RWE Power AG	427,3	463 600,0	PDD preparation
30	Construction of VL of 500 kW at PS Sogdiana – Syrdarya TPP with ORU of 500 kW on the TES	Undefined	116,8	80 000,0	PIN
31	Construction of VL of 500 kW at PS Sogdiana – Talimardjan TPP with ORU of 500 kW on the TPP	Undefined	9,6	90 000,0	PIN
32	Construction of "Kamolot" SHPP	Undefined	22,1	12 081,5	PIN
33	Construction of combined cycle plant at Tashkent Combined Heat and Power Plant	NEDO	65,8	31 000,0	PDD preparation
34	Construction of two SGU's at Talimarjan TPP	Bidding on CDM investors selection deadline for bids – 03 February 2012, 12:00 on Tashkent time	1 115,3	800 000,0	Draft PDD prepared by ADB
35	Construction of SGU at Navoyu TPP	Undefined	660,4	468 000,0	PIN
36	Installation of gas expansion engine on Syrdarya TPP and Talimarjan TPP	CAMCO	118,0	10 880,0	PDD preparation
37	Modernization of Charvak HPP with replacement of water wheels	Undefined	32,7	53 857,0	PIN
Sub-total			2 568,0	2 009 418,5	
Khokimiyats (Municipalities) of Nukus, Bukhara, Andijan, Fergana, Namangan cities and "Uzkomunkhizmat" State Agency					
38	Landfill gas generation prevention and its sterilization in Andijan city ground through recycling waste into compost	Undefined	8,0	526,0	PIN
39	Landfill gas generation prevention and its sterilization in Bukhara city ground through recycling waste into compost	Undefined	9,0	376,0	PIN
40	Landfill gas generation prevention and its sterilization in Namangan city ground through recycling waste into compost	Undefined	11,2	523,0	PIN

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41	Landfill gas generation prevention and its sterilization in Fergana city ground through recycling waste into compost	Undefined	9,7	478,0	PIN
42	Landfill gas generation prevention in Nukus city ground with recycling waste into compost.	Undefined	6,5	508,0	PIN
43-46	Heating system modernization, including energy-saving technologies at the consumption level, a shift from open to closed heating system, by installing heating substations (4 pilot sites)	Undefined	47,2	7 300,0	4 PIN's
47	Construction of cogeneration plant for combined heat and power generation in Buhara city	Undefined	80,0	40 000,0	PIN
48	Construction of cogeneration plant for combined heat and power generation in Fergana city	Undefined	41,2	10 974,0	PIN
Sub-total			212,8	60 685,0	
SJSC "Uzkimyo sanoat"					
49	Reduction of N2O emissions at Navoiyazot plant (Project №1)	Mitsubishi Corporation	132,5	1 000,0	Registered at UNFCCC
50	Reduction of N2O emissions at Navoiyazot plant (Project №2)		132,5	1 000,0	
51	Reduction of N2O emissions at Navoiyazot plant (Project №3)		118,9	1 000,0	
52	Reduction of N2O emissions at Navoiyazot plant (Project №4)		112,5	1 000,0	
53	Reduction of N2O emissions at Ferghanaazot plant		170,9	1 000,0	
54	Reduction of N2O emissions at Maksam-Chirchik plant		353,1	1 000,0	
Sub-total			1 020	6 000,0	
Association of poultry farmers of Uzbekistan					
55	Collection and combustion of methane in processing poultry manure at the farm JSC "Tashkentparranda"	Undefined	23,6	3 000,0	PIN
56	Collection and combustion of methane in processing poultry manure at the farm JSC "Rashidova"	Undefined	49,3	1 000,0	PIN
Sub-total			72,9	4 000,0	
57					
57	The introduction of energy-efficient technologies in the exterior lighting system of Tashkent city	Undefined	29,7	15 988,0	PIN
58	Composting of solid waste in Ahangaran landfill of Tashkent city	Undefined	28,6	360,0	PIN
59	Akhangan Landfill Gas Capture Project	Shimizu	84,9	3 000,0	Registered at UNFCCC
Sub-total			143,2	19 348,0	
Private Uzbek companies					
60	Utilization of waste gas at a section of landfill of Samarkand city (Albemarle Kapital Ltd.)	Albemarle Kapital Ltd.	100,0	6 309,0	pre-validation
61	Utilization of waste gas at a section of landfill of Karshi city (Albemarle Kapital Ltd.)	Albemarle Kapital Ltd.	125,0	8 000,0	PIN
62	Composting organic waste (tree leaves) in Tashkent city (OOO «PRINT»)	PRINT Ltd.	22,0	163,0	PIN
63	Biothermal processing of municipal waste with parallel production of biogas or electricity in Tashkent city (TIGMA Ltd.)	TIGMA Ltd.	300,0	52 280,0	PIN
Sub-total			547,0	66 752,0	
TOTAL			13 093,1	2 745 345,8	

Note:

* The final volume of CERs will be specified at the PDD preparation stage

** The investments costs will be specified at the pre-feasibility preparation stage