

Summary of Projects Pipeline [2010-2011]

No.	Project name	Technology	Project size (USD)	Total finance requirement
1	Construction of new thermal (steam and hot water) plants at two canneries of the Orhei-Vit Company	Steam and hot water production.	350 000	300 000
2.	Organization of the collection, sorting and processing of industrial, municipal and agricultural wastes	Advanced clean technologies of solid household and agricultural wastes, as well as production and bringing to the market the new products based on the use of waste with lack of contact with the soil surface at all stages.	12 000 000	9 500 000
3.	Wind Farms “Moldova’s Wind Waves”, total installed capacity of 182 MW nearby the following localities: Nisporeni, Volcineț, Balanesti (district Nisporeni), Calarasi (district Calarasi) and Carpineni (district Hincesti).	Electricity produced with wind turbines.	273 000 000	259 350 000
4.	Production of electricity at the natural gas distribution station in Chisinau	Production of electricity as result of use the differential pressure (detander -generating) from high pressure natural gas pipelines at the distribution stations.	10 010 000	10 010 000
5.	Construction of Wind Farm „Cotihana”, district Cahul, total installed capacity of 64 MW	Electricity produced with wind turbines.	96 000 000	96 000 000
6.	Construction of Wind Farm „Baimaclia”, district Cantemir, total installed capacity of 44 MW	Electricity produced with wind turbines.	66 000 000	66 000 000
7.	Construction of Wind Farm „Nucăreni”, district Telenești, total installed capacity of 26 MW	Electricity produced with wind turbines.	39 000 000	39 000 000
8.	Construction of Wind Farm „Pohoarna” district Florești, total installed capacity of 58 MW	Electricity produced with wind turbines.	87 000 000	87 000 000
9.	Construction of Wind Farm „Dubna”, district Soroca, total installed capacity of 30 MW	Electricity produced with wind turbines.	45 000 000	45 000 000
10.	Construction of Wind Farms in south-west of Republic of Moldova, total installed capacity of 70 MW	Electricity produced with wind turbines.	148 661 500	148 661 500
11.	Processing of the municipal solid wastes in Chisinau municipality	Incineration of municipal solid wastes.	130 000 000	130 000 000
12.	Developing electricity generation capacity by upgrading and by extension of capacity at CHP–1 up to 90 MW	Increase the efficiency of the installations and use of cogeneration facilities	28 688 524	28 688 524
13.	Developing electricity generation capacity by upgrading and by extension of capacity at CHP–Nord up to 100 MW	Increase the efficiency of the installations and use of cogeneration facilities	53 719 008	53 719 008

No.	Project name	Technology	Project size (USD)	Total finance requirement
14.	Developing electricity generation capacity by upgrading and by extension of capacity at CHP–2 up to 440 MW	Increase the efficiency of the installations and use of cogeneration facilities	289 256 198	289 256 198
15.	Construction of a new Thermal Power Plant with a total installed capacity of 350 MW in Ungheni	Production of electricity based on steam condensing turbines of high efficiency	785 123 966	785 123 966
16.	Rehabilitation of upstream and distribution thermal power networks	Increase of energy efficiency through reducing the losses and pipelines isolation	28 925 619	28 925 619
17.	Building a cogeneration station with the total installed capacity of 31 MW at PE „Tirotex”, Tiraspol, Republic of Moldova	Production of electricity, steam and hot water through cogeneration	38 867 700	14 183 370
18.	Establishment of a 450 kW hydroelectric plant on Prut River in Republic of Moldova.	Production of electricity by use of hydraulic energy of the Pruth river by installing a turbine in the dam of existing HPP Costesti-Stinca	2 860 000	2 860 000
19.	Construction of floating micro hydro power plants located on Dniester, Pruth and Raut rivers	Production of electricity by use of hydraulic energy of the Dniester, Pruth and Raut rivers	4 132 231	4 132 231
20.	Construction of a plant for industrial production of biodiesel in the North of the Republic of Moldova.	Use of biodiesel (renewable energy) in the transport sector of the Republic of Moldova.	8 264 462	8 264 462
21.	Construction of a plant for industrial production of bio ethanol in the South of the Republic of Moldova.	Use of bio ethanol (renewable energy) in the transport sector of the Republic of Moldova.	61 983 471	61 983 471