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# ENVIRONMENT

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# ENVIRONMENT

## VISION

Promotion and attainment of sustainable development in the province through integration of economic and environmental considerations.

## POLICY

- Implement Pakistan Environmental Protection Act (PEPA 1997).
- Promote environmental awareness among the masses.
- Implement National Environmental Quality Standards (NEQS)
- Promote R&D in pollution prevention and environmental improvement.
- Monitoring of the quality of industrial effluents and municipal wastes.
- Encourage sustainable development.
- Provide information on environment friendly technologies.
- Conducting campaigns against smoky and noisy vehicles.
- Review of IEE/ EIA and issue environmental approvals.
- Collaborate with NGOs/ CBOs for undertaking environment related projects.
- Coordinate with Federal Government and other Provinces on environmental issues / policies / laws.

## STRATEGIC INTERVENTIONS

- Regulatory control on environmental pollution through capacity building of EPA Punjab.
- Imparting environmental sustainability through capacity building of provincial departments in environmental management by training in various areas of environmental management including environmental impact assessment and life cycle assessment etc.
- Grass root Initiatives through community based environmental improvement programme.
- Introduction of environment friendly indigenous technologies for various small and medium enterprises in Punjab.

- Motivation of research and educational institutions for development of indigenous pollution control technologies.
- Monitoring and characterization of surface water bodies in Punjab.
- Promotion and propagation of various sources of alternative energies suitable to geological and climatic conditions of Punjab particularly solar energy system.
- Propagation of environmental monitoring and surveillance program to Identify and quantify the state of pollution.

**MTDF 2010-13**  
**Environment : Summary**  
**Development Programme 2010-11**

*Million Rs*

Sub-Sector	Ongoing Programme					New Programme					Total				
	Capital	Revenue	Total	F.Aid	Total	Capital	Revenue	Total	F.Aid	Total	Capital	Revenue	Total	F.Aid	Total
Environment	0.000	172.788	<b>172.788</b>	0.000	<b>172.788</b>	0.000	162.212	<b>162.212</b>	0.000	<b>162.212</b>	0.000	335.000	<b>335.000</b>	0.000	<b>335.000</b>
<b>Total</b>	<b>0.000</b>	<b>172.788</b>	<b>172.788</b>	<b>0.000</b>	<b>172.788</b>	<b>0.000</b>	<b>162.212</b>	<b>162.212</b>	<b>0.000</b>	<b>162.212</b>	<b>0.000</b>	<b>335.000</b>	<b>335.000</b>	<b>0.000</b>	<b>335.000</b>
No. of Scheme	10					6					16				

**Development Programme 2011-2012**

Sub-Sector	Ongoing Programme					New Programme					Total				
	Capital	Revenue	Total	F.Aid	Total	Capital	Revenue	Total	F.Aid	Total	Capital	Revenue	Total	F.Aid	Total
Environment	0.000	102.803	<b>102.803</b>	0.000	<b>102.803</b>	0.000	386.197	<b>386.197</b>	0.000	<b>386.197</b>	0.000	489.000	<b>489.000</b>	0.000	<b>489.000</b>
<b>Total</b>	<b>0.000</b>	<b>102.803</b>	<b>102.803</b>	<b>0.000</b>	<b>102.803</b>	<b>0.000</b>	<b>386.197</b>	<b>386.197</b>	<b>0.000</b>	<b>386.197</b>	<b>0.000</b>	<b>489.000</b>	<b>489.000</b>	<b>0.000</b>	<b>489.000</b>

**Development Programme 2012-2013**

Sub-Sector	Ongoing Programme					New Programme					Total				
	Capital	Revenue	Total	F.Aid	Total	Capital	Revenue	Total	F.Aid	Total	Capital	Revenue	Total	F.Aid	Total
Environment	0.000	280.000	<b>280.000</b>	0.000	<b>280.000</b>	0.000	260.000	<b>260.000</b>	0.000	<b>260.000</b>	0.000	540.000	<b>540.000</b>	0.000	<b>540.000</b>
<b>Total</b>	<b>0.000</b>	<b>280.000</b>	<b>280.000</b>	<b>0.000</b>	<b>280.000</b>	<b>0.000</b>	<b>260.000</b>	<b>260.000</b>	<b>0.000</b>	<b>260.000</b>	<b>0.000</b>	<b>540.000</b>	<b>540.000</b>	<b>0.000</b>	<b>540.000</b>

**ENVIRONMENT MTDF 2010-13 GRAND TOTAL**

**1,364.000**

## ENVIRONMENT: SUMMARY

(Rs. in million)

Type / Sub Sector	No. of Schemes	Provision for 2010-11							Projection for 2011-12	Projection for 2012-13
		Local		Foreign Aid		Total		G. Total (Cap+Rev)		
		Capital	Revenue	Capital	Revenue	Capital	Revenue			
<b>ON-GOING SCHEMES</b>	10	0.000	172.788	0.000	0.000	0.000	172.788	172.788	1.710	0.000
<b>NEW SCHEMES</b>	6	0.000	162.212	0.000	0.000	0.000	162.212	162.212	101.093	10.000
<b>Grand Total</b>	<b>16</b>	<b>0.000</b>	<b>335.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>335.000</b>	<b>335.000</b>	<b>102.803</b>	<b>10.000</b>

## ENVIRONMENT

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
			F. Aid	Total		Local		Foreign Aid		Total					G. Total (Cap+Rev)
						Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

### ON-GOING SCHEMES

#### Regular

2967	1	Name of the Scheme	Monitoring of surface water bodies in Punjab	0.000	30.000	27.000	0.000	3.000	0.000	0.000	0.000	3.000	3.000	0.000	0.000	0.000
		Approval Date	21.01.08													
		Major Components	Monitoring and Surveillance of water Bodies. Identification of pollution sources, proposing measures and guidelines for protection of water bodies.													
		Major Targets	100%													
		District and Tehsil	Punjab													
2968	2	Name of the Scheme	Establishment of environmental laboratories	0.000	200.000	170.000	0.000	30.000	0.000	0.000	0.000	30.000	30.000	0.000	0.000	0.000
		Approval Date	18.09.07													
		Major Components	Construction of building in Multan, rent and procurement of equipments for remaining laboratories.													
		Major Targets	100%													
		District and Tehsil	Sialkot, Gujranwala, Rawalpindi, Faisalabad, Multan, Rahim Yar Khan													
2969	3	Name of the Scheme	Provision of Field Monitoring Kits to Inspectors and Establishment of Mobile Squads in three Major Cities of Punjab	0.000	41.500	38.500	0.000	3.000	0.000	0.000	0.000	3.000	3.000	0.000	0.000	0.000
		Approval Date	29.11.07													
		Major Components	Procurement of kits., uniform and safety and monitoring equipments to be used for the monitoring of environmental pollution and safety of EPA field staff													
		Major Targets	100%													
		District and Tehsil	Punjab													

## ENVIRONMENT

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013		
			F. Aid	Total		Local		Foreign Aid		Total					G. Total (Cap+Rev)	
						Cap	Rev	Cap	Rev	Cap	Rev					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
2970	4	Name of the Scheme	Sensitization of Public Through Environmental Education	0.000	50.000	37.800	0.000	12.200	0.000	0.000	0.000	12.200	12.200	0.000	0.000	0.000
		Approval Date	29.11.07													
		Major Components	Durable goods, Consultancy for development of effective literature, use of FM, documentary, print, khutbas and electronic medias etc.													
		Major Targets	100%													
		District and Tehsil	Punjab													
2971	5	Name of the Scheme	Regulatory Control on Environmental Degradation through Capacity Building of EPA, Punjab	0.000	75.000	42.000	0.000	33.000	0.000	0.000	0.000	33.000	33.000	0.000	0.000	0.000
		Approval Date	07.01.08													
		Major Components	Capacity building of Prov. EPA. Appointment of experts in new areas of Environmental concern.													
		Major Targets	100%													
		District and Tehsil	Punjab													
2972	6	Name of the Scheme	Collaboration with Educational Institutions for Development of Indigenous Technologies	0.000	33.000	32.662	0.000	0.338	0.000	0.000	0.000	0.338	0.338	0.000	0.000	0.000
		Approval Date	16.02.08													
		Major Components	Collaboration with various institutions to carry out various research studies in the field of environment													
		Major Targets	100%													
		District and Tehsil	Punjab													

## ENVIRONMENT

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
			F. Aid	Total		Local		Foreign Aid		Total					G. Total (Cap+Rev)
						Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2973	7	Name of the Scheme	0.000	181.469	108.000	0.000	71.700	0.000	0.000	0.000	71.700	71.700	1.710	0.000	0.000
		Development of Biodiversity Parks in Collaboration with City District Governments, District Governments and Business Communities													
		Approval Date													
		10.02.09/1.03.10													
		Major Components													
		Arrangement for development of species specific habitat for rare and endangered species of flora and fauna, Procurement of various species													
		Major Targets													
		98%													
		District and Tehsil													
		Punjab													
2974	8	Name of the Scheme	0.000	24.750	14.000	0.000	10.750	0.000	0.000	0.000	10.750	10.750	0.000	0.000	0.000
		Capacity building of provincial departments in environmental management through training in IEE/ EIA, EA and LCA													
		Approval Date													
		17-10-09													
		Major Components													
		Hiring of experts in relevant field for environmental protection, promotion and rehabilitation, recruitment of staff, arrangement of necessary material.													
		Major Targets													
		100%													
		District and Tehsil													
		Punjab													
2975	9	Name of the Scheme	0.000	10.000	7.000	0.000	3.000	0.000	0.000	0.000	3.000	3.000	0.000	0.000	0.000
		Establishment of Environmental Information Center and Up gradation of EPA Library													
		Approval Date													
		31.08.09													
		Major Components													
		Procurement of furniture, fixture, books, literature and internet facility													
		Major Targets													
		100%													
		District and Tehsil													
		Punjab													



## ENVIRONMENT

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
			F. Aid	Total		Local		Foreign Aid		Total					G. Total (Cap+Rev)
						Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2976	10	Name of the Scheme Designing and Fabrication of Pollution Control Units in Selected Industries (Cotton Ginning:, Poultry protein Feeds, Pulp & Paper and Re-rolling Mills.  Approval Date 21.02.08 Major Components Identification of appropriate measures/technologies applicable to selected industries so as to control their pollution. Major Targets 100% District and Tehsil Punjab	0.000	6.000	0.200	0.000	5.800	0.000	0.000	0.000	5.800	5.800	0.000	0.000	0.000
<b>Sub-Total: Regular</b>			<b>0.000</b>	<b>651.719</b>	<b>477.162</b>	<b>0.000</b>	<b>172.788</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>172.788</b>	<b>172.788</b>	<b>1.710</b>	<b>0.000</b>	<b>0.000</b>
<b>Total: ON-GOING SCHEMES</b>			<b>0.000</b>	<b>651.719</b>	<b>477.162</b>	<b>0.000</b>	<b>172.788</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>172.788</b>	<b>172.788</b>	<b>1.710</b>	<b>0.000</b>	<b>0.000</b>

### NEW SCHEMES

#### Regular

2977	11	Name of the Scheme Creation of Legal cell for Introducing Management & Legal Discipline to Improve Service Delivery  Approval Date 13.10.09 Major Components Software, Literature, Expertise and Mobility Major Targets 80% District and Tehsil Lahore	0.000	15.000	0.000	0.000	12.000	0.000	0.000	0.000	12.000	12.000	3.000	0.000	0.000
2978	12	Name of the Scheme Pilot Project for Introduction of Solar Energy Use at Grass root level  Approval Date 14.10.09 Major Components Procurement of solar panels. Major Targets 46% District and Tehsil Lahore	0.000	84.505	0.000	0.000	38.000	0.000	0.000	0.000	38.000	38.000	46.505	0.000	0.000

## ENVIRONMENT

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013		
			F. Aid	Total		Local		Foreign Aid		Total					G. Total (Cap+Rev)	
						Cap	Rev	Cap	Rev	Cap	Rev					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
2979	13	Name of the Scheme	Establishment of Environmental Resource Centre	0.000	1.800	0.000	0.000	1.800	0.000	0.000	0.000	1.800	1.800	0.000	0.000	0.000
		Approval Date	28.10.09													
		Major Components	To provide update data about air quality monitoring, water and waste water pollution to the concerned quarters.													
		Major Targets	100%													
		District and Tehsil	Lahore													
2980	14	Name of the Scheme	Capacity building of Stakeholders for Mitigating Climate change impacts and earning money from carbon funds	0.000	40.000	0.000	0.000	15.000	0.000	0.000	0.000	15.000	15.000	15.000	10.000	0.000
		Approval Date	14.10.09													
		Major Components	Hiring of expertise, equipment, software. Carbon Omission through conversion of automobiles on LPG/CNG													
		Major Targets	37%													
		District and Tehsil	Punjab													
2981	15	Name of the Scheme	Strengthening field staff for environmental monitoring and compliance	0.000	130.000	0.000	0.000	93.412	0.000	0.000	0.000	93.412	93.412	36.588	0.000	0.000
		Approval Date	31.08.09													
		Major Components	Procurement of equipment and provision of transport facility													
		Major Targets	72%													
		District and Tehsil	Punjab													

## ENVIRONMENT

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
			F. Aid	Total		Local		Foreign Aid		Total					G. Total (Cap+Rev)
						Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2982	16	Name of the Scheme Feasibility Study for Introducing Environment Friendly Technologies in Existing and New Brick Kilns in Punjab  Approval Date 17.11.09 Major Components Introduction of Environment friendly technologies in Brick manufacturing Sector Major Targets 100% District and Tehsil Punjab	0.000	2.000	0.000	0.000	2.000	0.000	0.000	0.000	2.000	2.000	0.000	0.000	0.000
<b>Sub-Total: Regular</b>			0.000	273.305	0.000	0.000	162.212	0.000	0.000	0.000	162.212	162.212	101.093	10.000	0.000
<b>Total: NEW SCHEMES</b>			0.000	273.305	0.000	0.000	162.212	0.000	0.000	0.000	162.212	162.212	101.093	10.000	0.000
<b>Grand Total</b>			0.000	925.024	477.162	0.000	335.000	0.000	0.000	0.000	335.000	335.000	102.803	10.000	0.000