

ENVIRONMENT

VISION

Promotion and attainment of Sustainable Development in the province through integration of environmental considerations while achieving the goals of economic growth and development.

OBJECTIVES

- To promote environmental awareness
- To monitor and continuously review and rationalize the Environmental Quality Standards (EQS)
- Effectively exercise the regulatory control on environmental pollution
- Imparting environmental sustainability through capacity building of provincial departments
- To promote research & development for improving quality of environment
- Devise ways and means for pollution preventions
- Provision of expertise in environmental reviews
- Transfer of environment friendly technology to the private sector

IMPORTANCE OF ENVIRONMENT PROTECTION FOR ECONOMIC GROWTH

Environmental protection aims to reduce the environmental burden owing to economic activities. It helps in promoting economic growth in the region and will improve environmental quality standards for neighbors and itself. The Punjab Government's commitment towards environment protection envisions a clean, protected and safe environment to public and ensures environmental sustainability for future generations.

POLICY

Consequential to devolution of the subjects of Environment and Ecology in 18th amendment, the environment affairs of the province are regulated under the Punjab Environmental Protection Act (amended 2012). The Environment Protection Department is responsible for administration of the laws and rules framed under the Act, "*for the protection,*

conservation, rehabilitation and improvement of the environment, for the prevention and control of pollution, and promotion of sustainable development”.

The Punjab Environment Policy, 2015 has been approved by the Punjab Environmental Protection Council headed by the Chief Minister Punjab under Section 4 (b) of the Punjab Environmental Protection Act, 1997 (amendment 2012) and is enforced with immediate effect. The objective of the policy is sustainable development in the context of enhancement of human well-being.

STRATEGIC INTERVENTIONS

- Installation of Ambient Air Quality Monitoring Stations in 4 cities in Punjab
- Up-gradation of Environment Protection Authority (EPA) Laboratory in Multan
- Assessment of pollution level in Hudiana Drain and to find out feasible options for treatment of waste water
- Capacity Building of EPA Punjab for enforcement of environmental standards in Punjab including Combined Effluent Treatment Plants (CETPs) and Industrial Estates (IEs) under J&C Program
- Rationalization/Revision and Development of Environmental Quality Standards and Industry Specific Standards
- Introduction of Model Vertical Shaft Brick Kiln in collaboration with Punjab Brick Kiln Association

ACHIEVEMENTS OF FY 2015-16

- Establishment of Ambient Air Quality Monitoring System in Punjab
- Up-gradation of EPA Laboratory Multan
- Development of Biodiversity Parks in 4 districts of Punjab in collaboration with City District Governments, District Governments and Business Communities

INITIATIVES OF FY 2016-17

Following initiatives will be undertaken during the Financial Year 2016-17:

i. Installation of Ambient Air Quality Monitoring Stations in 4 cities of Punjab

EPA intends to procure and install compact ambient air quality monitoring stations in four cities of Punjab. These stations will monitor ambient air environmental parameters as per the Punjab Environmental Quality Standards. Under this project, air monitoring stations will be installed where there are coal fired power plants, and in Chakwal where pollution by cement factories is required to be monitored.

ii. Capacity Building of EPA Punjab for Enforcement of Environment Standards in Punjab including Combined Effluent Treatment Plants (CETPs) and Industrial Estates (IEs) under J&C Program

This scheme intends to build capacity of EPA by establishing an Environment Monitoring Resource Centre for provision of expertise in environmental law and policy and in environmental reviews. Laboratory facilities will be upgraded for analyzing environmental samples by realignment and redeployment of human and hardware resources. The labs will also be equipped with monitoring essential /priority PEQS parameters.

iii. Construction of Model Vertical Shaft Brick Kiln in collaboration with Punjab Brick Kiln Association

This initiative aims to develop RFP and TOR for hiring of consultants with a purview to develop detailed drawings, BOQ and specifications for construction of vertical shaft Brick Kiln in Kasur in PPP mode with 20 percent share by private partner and 80 percent share by EPD in collaboration with Punjab Brick Kiln Association.

iv. Rationalization/Revision and Development of Environmental Quality Standards and Industry Specific Standards

Under this initiative RFP and TOR will be prepared for selection of consultants for rationalization/revision and development of Environmental Quality Standards and Industry Specific Standards. The recommendations of standards will be prepared for approval by Punjab Environmental Protection Council (PEPC).

TREND OF ALLOCATIONS

(Million Rs.)

Sr.No.	Year	Allocation
1.	2012-13	350
2.	2013-14	164
3.	2014-15	190
4.	2015-16	50
5.	2016-17	185

MTDF 2016-19
Environment : Summary
Development Programme 2016-17

(Million Rs.)

Sub-sector	Capital	Revenue	Total	F.aid	Total
Ongoing Schemes	0.000	32.000	32.000	0.000	32.000
Total	0.000	32.000	32.000	0.000	32.000
New Schemes	0.000	153.000	153.000	0.000	153.000
Total	0.000	153.000	153.000	0.000	153.000
Total (Ongoing +New)	0.000	185.000	185.000	0.000	185.000

Development Programme 2017-18

Ongoing Schemes	0.000	120.000	120.000	0.000	120.000
Total	0.000	120.000	120.000	0.000	120.000
New Schemes	0.000	80.000	80.000	0.000	80.000
Total	0.000	80.000	80.000	0.000	80.000
Total (Ongoing +New)	0.000	200.000	200.000	0.000	200.000

Development Programme 2018-19

Ongoing Schemes	0.000	130.000	130.000	0.000	130.000
Total	0.000	130.000	130.000	0.000	130.000
New Schemes	0.000	90.000	90.000	0.000	90.000
Total	0.000	90.000	90.000	0.000	90.000
Total (Ongoing +New)	0.000	220.000	220.000	0.000	220.000

MTDF 2016-19: Grand Total 605.000

ENVIRONMENT: SUMMARY

(Million Rs.)

Type / Sub Sector	No. of Schemes	Provision for 2016-17				Projection for 2017-18	Projection for 2018-19
		Capital	Revenue	Foreign Aid	G. Total (Cap+Rev)		
<u>ON-GOING SCHEMES</u>							
Regular	2	0.000	32.000	0.000	32.000	6.320	0.000
Total: ON-GOING SCHEMES	2	0.000	32.000	0.000	32.000	6.320	0.000
<u>NEW SCHEMES</u>							
Regular	4	0.000	153.000	0.000	153.000	100.000	65.000
Total: NEW SCHEMES	4	0.000	153.000	0.000	153.000	100.000	65.000
Total: ADP	6	0.000	185.000	0.000	185.000	106.320	65.000
Grand Total	6	0.000	185.000	0.000	185.000	106.320	65.000

ENVIRONMENT

(Million Rs.)

GS No	Scheme Information Approval Date / Location	Est. Cost	Accum. Exp June,16	Provision for 2016-17			MTDF Projections		Throw fwd Beyond June, 2019
				Cap	Rev	G. Total (Cap+Rev)	2017-18	2018-19	
1	2	3	4	5	6	7	8	9	10

ON-GOING SCHEMES

Regular

4707	Study for Most Feasible Treatment Option for Hudiara Drain Waste Waters 13-11-14 Lahore	21.320	0.000	0.000	15.000	15.000	6.320	0.000	0.000
4708	Development of Biodiversity Parks in Collaboration with City District Governments, District Governments and Business Communities Approved Dera Ghazi Khan, Kasur, Bahawalpur, Rawalpindi	17.000	0.000	0.000	17.000	17.000	0.000	0.000	0.000
Sub-Total: Regular		38.320	0.000	0.000	32.000	32.000	6.320	0.000	0.000
Total: ON-GOING SCHEMES		38.320	0.000	0.000	32.000	32.000	6.320	0.000	0.000

NEW SCHEMES

Regular

4709	PC-II for Rationalization, Revision and Development of Environmental Quality Standards and Industry Specific Standards Un-Approved Lahore	30.000	0.000	0.000	10.000	10.000	20.000	0.000	0.000
4710	Construction of Model Vertical Shaft Brick Kiln in Collaboration with Punjab Brick Kiln Association (PPP Mode) Un-Approved Kasur	20.000	0.000	0.000	5.000	5.000	15.000	0.000	0.000
4711	Capacity Building of EPA Punjab for Enforcement of Environmental Standards in Punjab including Combined Effluent Treatment Plants (CETPs) and Industrial Estates (IEs) (J&C Program). Un-Approved Punjab	180.000	0.000	0.000	50.000	50.000	65.000	65.000	0.000
4712	Installation of Ambient Air Quality Monitoring Stations in 4 Cities in the Punjab Un-Approved Sahiwal, Faisalabad, Sheikhpura, Chakwal	88.000	0.000	0.000	88.000	88.000	0.000	0.000	0.000
Sub-Total: Regular		318.000	0.000	0.000	153.000	153.000	100.000	65.000	0.000
Total: NEW SCHEMES		318.000	0.000	0.000	153.000	153.000	100.000	65.000	0.000
Total: ADP		356.320	0.000	0.000	185.000	185.000	106.320	65.000	0.000
Grand Total		356.320	0.000	0.000	185.000	185.000	106.320	65.000	0.000