

AJK Environmental Protection Agency

AJK EPA's VISION:

“A Clean, Healthy and Unique Environment, Sustaining Ecosystems, to Satisfy People's Needs and Aspirations for the present and the future”.

GOALS

The goals to achieve for AJK EPA are;

- ❖ Protecting indigenous ecosystems and biological diversity.
- ❖ Managing pollution, wastes and hazardous substances.
- ❖ Sustainable management of natural resources i.e. soils, water, watersheds, flora and fauna, land use and human health.
- ❖ Air quality monitoring and protection.
- ❖ A focus on clean industrial production rather than end of pipe solutions/ CDM.

ECONOMIC AND SOCIAL POTENTIALS

- ❖ Mangla Dam one of the world's greatest water resource development projects is built on River Jhelum with water holding capacity of 7.40 million acre feet and hydro power generation capacity of 672 GWH per annum.
- ❖ One million hectare of the State area constitutes critical part of the Mangla Reservoir Catchment and remaining 0.333 million hectares makes the part of Chenab Catchment feeding irrigation system of the Indus Plans on which agriculture economy of Pakistan largely depends.
- ❖ Annually 8,670.000 million cubic meter water is received at Mangla Dam from three rivers of AJ&K, whereas AJ&K's national irrigation water requirement is worked out to be 310.100 million cubic meter per annum. This water surplus constitutes a major part of the fresh water resources of Pakistan.
- ❖ Surveyed Hydro Power Generation Potential in AJK exceeds 5000 MWH, while estimated potential exceeds 17000 MWH.
- ❖ AJK has got variety of climates; habitats and ecosystem of two ecological regions i.e. sub tropical and temperate Himalayan regions having a number of bio-diversity hot spots of very high significance.
- ❖ Surface water resource of AJK comprises of three main rivers and Mangla Lake, which offers an excellent habitat for fish.
- ❖ Cedar Pine (Deodar Forest) of Neelum Valley is one of the unique forestry ecosystems of the world.

- ❖ The people of AJK are friendly and peace loving, human development indices are bit better and communities are mobilized.

PRINCIPAL ELEMENTS OF THE ENVIRONMENT PROTECTION STRATEGY

- ❖ Conserving water resources.
- ❖ Promoting renewable energy resources i.e. raw materials of which are produced naturally.
- ❖ Planting more saplings for planet Earth.
- ❖ Generating minimum garbage.
- ❖ Managing infectious and hazardous wastes scientifically.
- ❖ Avoiding garbage spreading to wilderness areas.
- ❖ Saying NO to plastic bags.
- ❖ Living close to nature.
- ❖ Discouraging consumerism culture.
- ❖ Opting for recycled materials.
- ❖ Using bicycle or public transport and switching to natural gas vehicles.
- ❖ Promoting environment friendly economic growth/ greening economy.
- ❖ Adopting ecosystem management approach to conserve natural resources.
- ❖ Advocacy and lobbying for clean drinking water, health care, sanitation and better solid waste management for all.
- ❖ Treating waste water before releasing it into natural drainage system.

STRATEGIC INTERVENTIONS

- ❖ Implementation of the provisions of AJK Environmental Protection Act of 2000.
- ❖ Promoting green clean socio-economic development.
- ❖ Environmental awareness raising amongst all sectors of society, with special emphasis on youth of educational institutions, women and dwellers of the areas of environmental concerns.
- ❖ Capacity building of AJK EPA and other line departments to check environmental degradation.
- ❖ Natural resource damages assessment and drawing/ enforcement of environmental baselines.
- ❖ Establishment of environmental monitoring system by setting up of stationary and mobile labs to monitor pollution levels in air, surface/ ground water and soils.
- ❖ Promoting environment friendly technologies with special focus on clean energy.
- ❖ Monitoring air quality against industrial and vehicular pollutions.
- ❖ Studying of general public concerning environmental issues to suggest rectification and mitigation.

STRATEGY IMPLEMENTATION MATRIX

S#	Constraint	Indicator	Project Concept and Cost (Rs. Millions)
1.	Surface and Ground Water Resource Contamination	No sewerage water is released into natural streams, rivers and watershed areas without treatment.	Installation of Sewerage Water Treatment Plants for all major Townships of AJ&K, with estimated cost of Rs. 2500.000 million over 5-years.
2.	Inadequate Solid Waste Management	All garbage is collected and disposed off scientifically in a fixed place such as pit.	Solid Waste Management Support Programme for all major Townships AJ&K, with estimated cost of Rs. 3150.000 million over 5-years.
3.	Mixing of hazards Waste (HW) with Municipal Waste.	All hazardous substances are collected, treated and disposed off in a specialized HW disposal site.	Setting up suitable number of specialized HW Disposal Sites, with cost of Rs. 500.000 million over 3-year.
4.	Deterioration of Air Quality	Continuous air quality monitoring, awareness raising and control.	Air Quality Monitoring and Control Programme in AJK, with estimated cost of Rs. 1500.000 million over 5-year.
5.	Poor Sanitation	Advocacy and lobbying for clean drinking water, health care, sanitation and better solid waste management for all and Launching of Community Based Participatory Solid Waste Management Program in AJK.	Promotion of Sanitation Baseline and Elements of Personal Hygiene (as envisaged in National Sanitation Policy) in AJK, with cost estimate of Rs. 750.000 million over 5-year.
6.	Natural Resource Degradation.	Promote principles to conserve nature, so that the life supporting capacity of air, water, soils and ecosystems is safeguarded through defining limits of natural resource use and environmental bottom lines.	Strengthening of Environmental Governance in AJ&K, through development of sectoral guidelines and Electronic Database Dev. with cost estimate of Rs. 100.000 million over 5-year.
7.	Weak Institutional Capacity to Enforce AJK EPA 2000	Institutional strengthening of AJK-EPA by extending its organizational setup down to district level and capacity building of staff.	Institutional Strengthening of AJK-EPA, with estimated cost of Rs. 1000.000 million (physical infrastructure and human resource development) over 5-year.

ANNUAL PLAN 2011-12 AND 2012-13

Environment Sector's projected outlay for the year 2012-13 is planned Rs. 15.00 million. This allocation shows a increase of 11.11% over year 2011-12 allocation for the sector and constitutes about 0.16 % of the core ADP 2012-13. Environment's scheme portfolio comprises of 5 schemes; 2 ongoing and 3 new. Ongoing scheme are allocated Rs, 14.985 million, 99.66 % of ADP, while new schemes get Rs. 0.015 million, 0.34 % of ADP. No scheme is targeted for completion.

Environment Sector's total outlay for the year 2011-12 was planned Rs. 15.00 million. Development schemes' portfolio comprised of 2 schemes; 01 ongoing with an allocation of Rs. 14.950 million and 1 new scheme with an allocation of Rs. 0.050 million. Ongoing scheme was allocated 99.55 % of ADP, while new schemes get 0.45 %. No scheme was targeted for completion. Revised ADP was Rs. 13.500 million. One new scheme was approved.

Total financial outlay of the sector from GoAJK is as the under;

Source	Revised Allocation 2011-12 (Rs. Mil)	Allocation 2012-13 (Rs. Mil)
Development	13.500	15.000
Non-development	5.627	6.100
Total	19.127	21.100

PUBLIC SECTOR DEVELOPMENT PROGRAMME 2012-13, AZAD JAMMU & KASHMIR

SECTOR: Environment

SUB-SECTOR: Environment

(Rupees in Million)

Unique Reference No.	Ser. No.	Name of the Project with Status & Location	Date of First Approval/ Completion as per last PC-1	Approved(Rev.)/Estimated Cost			Financial Progress				Allocation 2012-13			Progress in %age terms		Expenditure Beyond 2012-13
				Total	FEC Own Res.	Foreign Aid (Credit)	Expenditure upto June, 2011	Budget Estimates, 2011-12	Revised Estimates, 2011-12	Expected Expenditure upto June, 2012	Total	FEC Own Res.	Foreign Aid (Credit)	upto June, 2012	Expected upto June, 2013	
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
ONGOING PROJECTS																
ENV 2	1	Strengthening of Environmental Protection Programmes in AJK	30-May-07 29-May-12	69.095 95.563	0.000	0.000	50.543	15.000	13.500	64.043	13.500	0.000	0.000	67%	81%	18.020
ENV 11	2	Strengthening of Legal and Enforcement Framework of EPA	01-Jun-12 31-May-15	26.503	0.000	0.000	0.000	0.000	0.000	0.000	1.485	0.000	0.000	0%	6%	25.018
Total OnGoing (Environment)				122.066	0.000	0.000	50.543	15.000	13.500	64.043	14.985	0.000	0.000	52%	65%	43.038

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0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NEW PROJECTS																
ENV 12	1	Capacity Building of AJK Environmental Protection Agency (PSDP Sh:Rs.300 M & AJK sh:Rs.60 M)	Un-App	60.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0%	0%	59.995
ENV 14	2	Establishment of Climate Change Impact Mitigation Cell in AJK (PSDP Rs:100 M & AJK Rs.20 M)	Un-App	20.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0%	0%	19.995
ENV 15	3	Construction of EPA Headquarter Building Muzaffarabad (PSDP Rs30 M & AJK Rs.10 M)	Un-App	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0%	0%	9.995
Total New (Environment)				90.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0%	0%	89.985
Total (Environment)				212.066	0.000	0.000	50.543	15.000	13.500	64.043	15.000	0.000	0.000	30%	37%	133.023
Total Environment				212.066	0.000	0.000	50.543	15.000	13.500	64.043	15.000	0.000	0.000	30%	37%	133.023