

# FISHERIES

## VISION

Conserve, manage and develop aquatic resources in public and private sector to meet the protein requirement of growing population and livelihood to the rural folk.

## OBJECTIVES

- Conservation and management of Natural Fisheries Resources.
- Increase in Fish production through better exploitation of natural aquatic resources.
- Promotion of Aquaculture & Fish farming in private sector through institutional and logistic support.
- Research & Development program focusing on disease control, genetics, protection of vulnerable species and productivity enhancement.

## GROWTH STRATEGY

### Increasing Fish Productivity

- The department is intending to focus on productivity enhancement through increase per acre yield and vertical increase in farming area to have maximum sustainable yield both from natural and manmade resources.
- To achieve the desired strategic goals and objectives it is quite necessary to give importance to the research and development, better extension service conservation, management of natural resources training and education and provision of adequate quantity of quality fish seed.
- However, there is also necessary to focus on establishment of modern fish market, provision of cold chain and value addition as well as product development to get handsome profit from the fisheries business through domestic and export marketing. Beside this the challenges of high electricity cost and load shedding which is un-avoidable and may be destroyed for farming sector in future as per unit cost (Kg) is being increasing rapidly causing reduction in net financial benefit to the fish farmers. Therefore, it has been desired in the strategy to reduce

electricity cost through alternated energy sources for operation and management of tubewell and other installation etc.

- Besides it has been desired under the strategy to introduce intensive culture, high value fish species, fish culture in saline & brackish water bodies, development of mini and small dams as well as other natural resources etc.

## **STRATEGIC INTERVENTIONS**

- Delivery of better extension services to accelerate fish culture practices
- Human resource development through Research & Training in Fisheries Department.
- Provision of Alternate Energy Source (Solar Pumps) to Fish Farmers Community on matching grant basis.
- Increase in Fish Seed Production to Support Private Fish Farmers. (Khadam-e-Punjab Kissan package)
- Establishment of Fisheries Information/ Extension Service Centre and Offices at Lahore.
- Establishment of Tilapia Research Centre at Fisheries Research & Training Institute, Lahore.
- Studies on Economic Analysis of Cage Fish Culture in Potohar Region.
- Establishment of Tilapia Hatchery and Shrimp Culture Farms at Muzaffargarh.
- Establishment of Biodiversity Hatchery at Trimmu Head Works for Sustainability of Riverine Fisheries Resources.
- Establishment of Aquaculture Export Processing Zone under PPP Mode.

## OUTCOME BASED TARGETS 2017-18

<b>Activity</b>	<b>Targets</b>
<b>Fish seed production (Millions)</b>	<b>195 (Million)</b>
<b>Fish Production (M. Tons)</b>	<b>94000 (M.Tons)</b>
<b>Private Fish Farming (Acres)</b>	<b>62500 (Acres)</b>

## TRENDS OF ALLOCATIONS

*(Millions PKR)*

<b>Sr.No.</b>	<b>Year</b>	<b>Allocation</b>
1.	2010-11	235
2.	2011-12	370
3.	2012-13	250
4.	2013-14	158
5.	2014-15	580
6.	2015-16	600
7.	2016-17	755
8	2017-18	850

**MTDF 2017-20**  
**FISHERIES: SUMMARY**  
**DEVELOPMENT PROGRAMME 2017-18**

*(Million Rs.)*

Sub-Sector	Local	F. Aid	Total
<b>On-going Schemes</b>			
Regular	667.000	0.000	667.000
<b>Total: On-going Schemes</b>	<b>667.000</b>	<b>0.000</b>	<b>667.000</b>
<b>New Schemes</b>			
Regular	183.000	0.000	183.000
<b>Total: New Schemes</b>	<b>183.000</b>	<b>0.000</b>	<b>183.000</b>
<b>Total (Ongoing + New + ODP)</b>	<b>850.000</b>	<b>0.000</b>	<b>850.000</b>

**DEVELOPMENT PROGRAMME 2018-19**

*(Million Rs.)*

Sub-Sector	Local	F. Aid	Total
<b>On-going Schemes</b>			
Regular	733.700	0.000	733.700
<b>Total: On-going Schemes</b>	<b>733.700</b>	<b>0.000</b>	<b>733.700</b>
<b>New Schemes</b>			
Regular	201.300	0.000	201.300
<b>Total: New Schemes</b>	<b>201.300</b>	<b>0.000</b>	<b>201.300</b>
<b>Total (Ongoing + New + ODP)</b>	<b>935.000</b>	<b>0.000</b>	<b>935.000</b>

**DEVELOPMENT PROGRAMME 2019-20**

*(Million Rs.)*

Sub-Sector	Local	F. Aid	Total
<b>On-going Schemes</b>			
Regular	807.070	0.000	807.070
<b>Total: On-going Schemes</b>	<b>807.070</b>	<b>0.000</b>	<b>807.070</b>
<b>New Schemes</b>			
Regular	221.430	0.000	221.430
<b>Total: New Schemes</b>	<b>221.430</b>	<b>0.000</b>	<b>221.430</b>
<b>Total (Ongoing + New + ODP)</b>	<b>1,028.500</b>	<b>0.000</b>	<b>1,028.500</b>

**MTDF 2017-20 : Grand Total**

**2,813.500**

## FISHERIES: SUMMARY

(Million PKR.)

Type / Sub Sector	No. of Schemes	Provision for 2017-18				Projection for 2018-19	Projection for 2019-20
		Capital	Revenue	Foreign Aid	G. Total (Cap+Rev)		
<b><u>ON-GOING SCHEMES</u></b>							
Regular	9	286.155	380.845	0.000	667.000	186.000	0.000
<b>Total: ON-GOING SCHEMES</b>	<b>9</b>	<b>286.155</b>	<b>380.845</b>	<b>0.000</b>	<b>667.000</b>	<b>186.000</b>	<b>0.000</b>
<b><u>NEW SCHEMES</u></b>							
Regular	5	58.000	125.000	0.000	183.000	236.000	167.000
<b>Total: NEW SCHEMES</b>	<b>5</b>	<b>58.000</b>	<b>125.000</b>	<b>0.000</b>	<b>183.000</b>	<b>236.000</b>	<b>167.000</b>
<b>Grand Total</b>	<b>14</b>	<b>344.155</b>	<b>505.845</b>	<b>0.000</b>	<b>850.000</b>	<b>422.000</b>	<b>167.000</b>

# FISHERIES

(Million PKR.)

GS No	Scheme Information Approval Date / Location	Est. Cost	Accum. Exp June,17	Provision for 2017-18			MTDF Projections		Throw fwd Beyond June, 2020
				Cap	Rev	G. Total (Cap+Rev)	2018-19	2019-20	
1	2	3	4	5	6	7	8	9	10

## ON-GOING SCHEMES

### Regular

9080	Establishment of Fisheries Information/ Extension Service Centre and Offices at Lahore. Approved DDSC 2014/08/28 Lahore	199.371	149.371	5.000	0.000	5.000	0.000	0.000	0.000
9081	Human resource development through Research and Training in Fisheries Department. Approved DDSC 2014/08/28 Lahore	178.233	125.510	41.859	10.864	52.723	0.000	0.000	0.000
9082	Feasibility Studies for Establishment of Aquaculture Processing Zone under PPP Mode. Approved PDWP 2017/03/21 Punjab	24.019	2.288	0.000	21.731	21.731	0.000	0.000	0.000
9083	Provision of Alternate Energy Source (Solar Pumps) to fish Farmers Community on matching grant basis Approved PDWP 2016/11/22 Punjab	166.350	1.780	0.000	164.570	164.570	0.000	0.000	0.000
9084	Increase in Fish Seed Production to Support Private Fish Farers Approved DDSC 2017/01/05 Punjab	160.103	26.622	84.818	48.439	133.257	0.000	0.000	0.000
9085	Delivery of better extension services to accelerate fish culture practices. Approved PDWP 2015/07/01 Mandi Bahauddin,Pakpattan,Nankana Sahib,Chiniot,Narowal,Lahore	528.093	226.271	60.421	54.579	115.000	186.000	0.000	0.000
9086	Development of Fisheries in Saline and Brackish Waters of the Southern Zone of Punjab. Approved DDSC 2014/08/28 Muzaffargarh,Faisalabad	196.868	164.947	3.228	28.693	31.921	0.000	0.000	0.000
9087	Enhance Fish Seed Production through improvement of Existing Six Fish Seed Nursing Farms in Punjab. Approved DDSC 2015/08/21 Khanewal,Sialkot,Toba Tek Singh,Sargodha,Bahawalpur,Attock	109.530	82.680	8.472	18.378	26.850	0.000	0.000	0.000
9088	Development of Fisheries in D.G. Khan Division Approved DDSC 2015/08/21 Dera Ghazi Khan,Muzaffargarh,Rajanpur	176.418	60.470	82.357	33.591	115.948	0.000	0.000	0.000
<b>Sub-Total: Regular</b>		<b>1,738.985</b>	<b>839.939</b>	<b>286.155</b>	<b>380.845</b>	<b>667.000</b>	<b>186.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Total: ON-GOING SCHEMES</b>		<b>1,738.985</b>	<b>839.939</b>	<b>286.155</b>	<b>380.845</b>	<b>667.000</b>	<b>186.000</b>	<b>0.000</b>	<b>0.000</b>

## NEW SCHEMES

### Regular

9089	Studies on Economic Analysis of Cage Fish Culture in Potohar Region Un-Approved Chakwal	180.000	0.000	0.000	60.000	60.000	65.000	55.000	0.000
9090	Establishment of Biodiversity Hatchery at Trimmu Head Works for Sustainability of Riverine Fisheries Resources Un-Approved Jhang	100.000	0.000	18.000	20.000	38.000	40.000	22.000	0.000
9091	Establishment of Tilapia Research Centre at Fisheries Research and Training Institute Lahore Un-Approved Lahore	170.000	0.000	15.000	35.000	50.000	60.000	60.000	0.000

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(Million PKR.)

GS No	Scheme Information Approval Date / Location	Est. Cost	Accum. Exp June,17	Provision for 2017-18			MTDF Projections		Throw fwd Beyond June, 2020
				Cap	Rev	G. Total (Cap+Rev)	2018-19	2019-20	
1	2	3	4	5	6	7	8	9	10
9092	Establishment of Tilapia Fish Seed Hatchery and Shrimp Culture Farms at Muzaffargarh Un-Approved Muzaffargarh	86.000	0.000	25.000	5.000	30.000	36.000	20.000	0.000
9093	Establishment of Aquaculture Export Processing Zone under PPP Mode Un-Approved Muzaffargarh,Dera Ghazi Khan,Rajanpur	50.000	0.000	0.000	5.000	5.000	35.000	10.000	0.000
<b>Sub-Total: Regular</b>		<b>586.000</b>	<b>0.000</b>	<b>58.000</b>	<b>125.000</b>	<b>183.000</b>	<b>236.000</b>	<b>167.000</b>	<b>0.000</b>
<b>Total: NEW SCHEMES</b>		<b>586.000</b>	<b>0.000</b>	<b>58.000</b>	<b>125.000</b>	<b>183.000</b>	<b>236.000</b>	<b>167.000</b>	<b>0.000</b>
<b>Grand Total</b>		<b>2,324.985</b>	<b>839.939</b>	<b>344.155</b>	<b>505.845</b>	<b>850.000</b>	<b>422.000</b>	<b>167.000</b>	<b>0.000</b>