**Profile of Fisheries: Chhattisgarh**

**1. Fishery Resources of Chhattisgarh**

|  |  |
| --- | --- |
| **Inland:** | |
| Total inland water bodies (lakh Ha) | 1.82 |
| Rivers & canals (Km) 70 nos of rivers and canal | 3573 |
| Reservoirs (Lakh ha) | 0.826 |
| Tanks & ponds (lakh Ha) | 0.994 |
| Brackish water (lakh Ha) | 0.7 |
| Total Fish culture area | 1.714 |
| Fisher population | 2.10 lakh |

**2. Fish Seed & Fish production in Last 10 years in the state of Chhattisgarh**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No** | **Year** | **Fish Seed Production- In Cr.** | | **Fish Production** | |
|  |  | **St Fry** | **% of Increase** | **Metric Ton** | **% of Increase** |
| 1 | 2009-10 | 76.28 | 13.01 | 174246 | 9.79 |
| 2 | 2010-11 | 83.96 | 10.06 | 228207 | 30.96 |
| 3 | 2011-12 | 90.69 | 8.00 | 250695 | 9.85 |
| 4 | 2012-13 | 104.37 | 15.08 | 255611 | 1.96 |
| 5 | 2013-14 | 122.03 | 16.91 | 284959 | 11.48 |
| 6 | 2014-15 | 135.14 | 10.74 | 314164 | 10.24 |
| 7 | 2015-16 | 149.17 | 10.38 | 342299 | 8.95 |
| 8 | 2016-17 | 197.50 | 32.40 | 376801 | 10.07 |
| 9 | 2017-18 | 221.86 | 12.33 | 457167 | 21.32 |
| 10 | 2018-19 | 251.31 | 13.27 | 469762 | 2.75 # |

**# Tentative**

**3. Funds released to the Government of Chhattishgarh under CSS & CS Schemes and Blue Revolution Scheme**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S.N.** | **Name of Scheme** | **Fund release during 05 years** | | | | |
| **2014-15** | **2015-16** | **2016-17** | **2017-18** | **2018-19** |
| **1** | Development of Inland Aquaculture | 50.00 | 25.00 | 10.00 | 0 | 0 |
| **2** | National schemes of Welfare Fishermen | 229.79 | 207.15 | 0 | 0 | 0 |
| **3** | Blue Revolution | 0 | 0 | 1326.55 | 1091.91 | 971.32 |
| **5** | Strengthening of Database & GIS of Fishries Sector | 188.89 | 86.45 | 95.50 | 238.19 | 74.37 |
| **6** | NFDB | 27.82 | 70.03 | 0 | 0 | 0 |
|  | **Total** | **496.50** | **953.13** | **2209.42** | **2011.04** | **1401.27** |

**4. Funds Released to Governemnt of Chhattishgarh during Last three years and current Financial year**

(Rs. in Lakh)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl No. | Financial Year | Fund Released | UCs Received | Ucs Pending |
| 1 | 2015-16 | 379.39 | 379.39 | 0.00 |
| 2 | 2016-17 | 1346.69 | 1346.69 | 0.00 |
| 3 | 2017-18 | 1091.92 | 1031.92 | 60.00 |
| 4 | 2018-19 | 856.79 | 0.00 | 856.79 |

**Significant Achievements during 2014-15 to 2018-19 under Fisheries Sector in Chhattisgarh**

* Central assistance of Rs.4242.84 lakhs released for Fisheries Sector
* Assistance provided for bringing 1607.82 ha area under aquaculture
* Approved establishment of 7 Nos of fish/prawn hatcheries
* Approved the installation of 165 Nos cages/pens in reservoirs and other open water bodies
* 7 Nos of Recirculatory Aquaculture Systems (RAS) approved
* 1325 units of fish transportation facilities viz., refrigerated & insulated trucks, auto rickshaws, motor cycles & bicycles with ice box have been sanctioned
* Sanctioned 31 units of fish markets & fish mobile markets
* Approved construction of 735 fishermen houses
* Insurance cover provided to total 8,40,000 fishers
* Financial assistance provided to 36981 fishers under Saving-cum-Relief component during fishing lean/ban period
* Skill training provided to 2,470 fish farmers & other stakeholders
* Financial assistance extended for establishment of one fish Brood bank

**Brief of the issues pertaining to Chhatisgarh**

**Year 2015-16**

1. **Development of Inland Fisheries and Aquaculture**

* Released Rs. 35.00 lakh on date 24th Sep,2015 for:
* Renovation of ponds in an area of 350 ha with input costs
* UCs for Rs. 35.00 lakh received.
* While area of 200ha. has been brought under aquaculture by utilizing Rs. 25 lakh physical progress report in respect of Rs. 10 lakh utilized subsequently is yet to be received.

1. **National Scheme for Welfare of Fishermen**

* Released Rs. 228.24 lakh during 2015-16 under Housing, sowing cum relief and Training & Extention components .

1. **Housing of Fishermen:**

* Rs. 150.00 lakh released vide dated 16th March,2016 for construction of 400 fishermen houses.

1. **Saving- cum- Relief:**

* Rs. 72.00 lakh released vide dated 17th July,2016 for providing assistance to 8000 no. of fisheries.
* No UC & progress report pending.

1. **Strengthening of Database & GIS for the Fishery Sector**

* Released Rs.. 85.21 lakh for GIS and catch assessment survey.
* So far UCs for Rs. 80.29 lakh has been submitted to this department and Rs. 4.92 lakh remaining unspent.

1. **Development of Marine Fisheries, Infrastructure and Post Harvest Operations**

State Government has not availed fund under the various component of the Scheme during the 12th Plan.

1. **Details of release of funds from National Fisheries Development Board (NFDB) during 2015- 16**

Amount in Rs. in Lakh

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.** | **Name of Activity** | **Name of Sub-activity** | **Amount Sanctioned** | **Amount Released in 2015-16** | **Total Amount released** | **UCs received** | **Status** |
| 1 | Reservoir Fisheries Development | Installation of 48 cages in Sarodsagar reservoir | 124.21 | 37.21 | 124.21 | 124.21 | Installation completed |
| 1st year stocking of fish seed in 2 reservoirs viz. Dhariyabandhan and Khamgada with total effective area of 268.88 ha | 5.37 | 5.37 | 5.37 | 5.33 (remitted Rs. 0.04 lakh) | Completed |
| 3rd year stocking of fish seed in 3 reservoirs viz. Khapri, Kela and Rabi; 4th year stocking in 8 reservoirs viz. Kumhari, Kosarteda, Paralkot, Morga barrage, Pipariya, Matiyamoti, Taurenga and Sutiyapat with effective total area 5571.275 ha | 27.86 | 27.86 | 27.86 | 27.75 (remitted Rs. 0.11 lakh) | Completed |
| 2 | Intensive Aquaculture in Ponds & Tanks | Training Programme to 270 fish farmers | 4.46 | 4.46 | 4.46 | 0.00 | Yet to conduct training programme |
| 3 | Domestic Marketing | Organizing Fish Festivals | 20.00 | 20.00 | 20.00 | 0.00 (Amount Rs. 20.00 remitted) | Not Organized |
| 4 | IGKV/ KVK, Bhalesar, Mahasamund | Training/ Skill development of 20 fish farmers | 0.45 | 0.45 | 0.45 | 0.45 | Conducted training programme |
| 5 | Human Resource Development | Exposure Visit of 30 Departmental Officers in 3 batches to Andhra Pradesh | 2.71 | 2.71 | 2.71 | 0.00 | Yet to conduct exposure visit |
|  | **TOTAL** |  | **185.06** | **98.06** | **185.06** | **157.89 (including remitted amount of Rs. 20.15 lakh)** |  |

**Year 2016-17**

Amount in Rs. in Lakh

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.** | **Name of Activity** | **Name of Sub-activity** | **Amount Sanctioned** | **Amount Released in 2015-16** | **Total Amount released** | **UCs received** | **Status** |
| 1 | Domestic Marketing | Construction of Wholesale fish market at Bilaspur (final instalment pertains to 2012-13) | 94.60 | 9.46 | 94.60 | 85.14 | Under construction (final stage) |
| Construction of Wholesale Fish Market at Durg (final instalment pertains to 2012-13) | 94.60 | 9.46 | 94.60 | 85.14 | Under construction (final stage) |
|  | **`TOTAL** |  | **189.20** | **18.92** | **189.20** | **170.28** |  |

**2016-17**

*Item-wise details of the proposal of Government of* ***Chhattisgarh*** *for development of Fisheries in the State with the central financial assistance under the Centrally Sponsored Scheme on Blue Revolution: Integrated Development and Management of Fisheries during the year* ***2016-17.***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Item/ Components** | **Target** | **Project Cost** | **Central share** | **State share/ beneficiary share** | **Amount Released** |
| **Physical** |
| 1 | Construction of fish seed rearing centre | 13.50 ha | 81.00 | 40.50 | 40.50 | 40.50 |
| 2 | Construction of new ponds | 200 ha | 1400.00 | 700.00 | 700.00 | 700.00 |
| 3 | Renovation of existing ponds | 100 ha | 200.00 | 100.00 | 100.00 | 100.00 |
| 4 | Establishment of circular Hatchery | 2 units | 50.00 | 25.00 | 25.00 | 25.00 |
| 5 | Establishment of fish feed mill(Small) | 5 units | 50.00 | 25.00 | 25.00 | 25.00 |
| 6 | Establishment of fish feed mill(large) | 1 units | 200.00 | 100.00 | 100.00 | 100.00 |
| 7 | Autorickshaw with with ice box | 38 units | 76.00 | 38.00 | 38.00 | 38.00 |
| 8 | Motor cycle with ice box | 166 units | 99.60 | 49.80 | 49.80 | 49.80 |
| 9 | Bicycle with ice box | 800 units | 24.00 | 12.00 | 12.00 | 12.00 |
| 10 | Establishment of retail fish outlets | 20 units | 200.00 | 100.00 | 100.00 | 100.00 |
| 11 | Establishment of ice plants | 3 units | 66.00 | 11.25 | 54.75 | 11.25 |
| 12 | Welfare of fishermen(Saving cum Relief) | 6665(in nos) | 300.00 | 100.00 | 200.00 | 100.00 |
| 13 | Establishmnet of Hatcheries  **(Mission Fingerling)** | 2 | 50.00 | 25.00 | 25.00 | 25.00 |
|  | **Total** |  | **2796.60** | **1326.55** | **1470.05** | **1326.55** |

Proposal of State Government has been approved at a total cost of Rs. 2746.60 lakh involving Central share of Rs. 1301.55 lakh for the various activities as below: Further, 1st installment of Rs. 500.00 lakh has also been released

**UC Pending**

* Rs 28.72 lakh pending with the State released from the year 2016-17

*Item-wise details of the proposal of Government of* ***Chhattisgarh*** *for development of Fisheries in the State with the central financial assistance under the Centrally Sponsored Scheme on Blue Revolution: Integrated Development and Management of Fisheries during the year* ***2017-18.***

**(Rs.in lakh)**

| **Sl No** | **Name of the Project /Activity** | **Units /ha Proposed by the State** | **Unit Cost** | **Total Project Cost (Rs. In lakhs)** | **Eligible CSS Assistance (40%-Gen 60% -SC)** | **CSS-Sharing** | | **Beneficiary Share** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Center (60%)** | **State (40%)** |
| **(i)** | **(ii)** | **(iii)** | **(iv)** | **(v)** | **(vi)** | **(vii)** | **(viii)** | **(ix)** |
| 1 | Fish fingerlings seed rearing units – **(General)** | 127 ha | 6.00 | 762.00 | 304.8 | 182.88 | 121.92 | 457.20 |
| 2 | Fish fingerlings seed rearing units – (**SCSP & TSP**) | 15 ha | 6.00 | 90 | 54 | 32.4 | 21.6 | 36 |
| 3 | Construction of New ponds for Fresh water Aquaculture-(**General**) | 275 ha | 7.00 | 1925.00 | 770.00 | 462.00 | 308.00 | 1155.00 |
| 4 | Construction of New ponds for Fresh water Aquaculture- (**SCSP &TSP**) | 13.82 ha | 7.00 | 96.74 | 58.04 | 34.83 | 23.22 | 38.70 |
| 5 | Input cost for Fish culture –(**General**) | 275 ha | 1.5 | 412.5 | 165.00 | 99.00 | 66.00 | 247.5 |
| 6 | Input cost for Fish culture –(**SCSP &TSP**) | 13.82 ha | 1.5 | 20.73 | 12.44 | 7.46 | 4.98 | 8.29 |
| 7 | Cage culture**(General)** | 90 units | 3.0 | 270 | 108 | 64.8 | 43.2 | 162.00 |
| 8 | Cage Culture**(SC/ST)** | 27 units | 3.00 | 81.00 | 48.6 | 29.16 | 19.44 | 32.4 |
| 9 | Installation of RAS (**General**) | 5 nos | 50.00 | 250.00 | 100.00 | 60.00 | 40.00 | 150.00 |
| 10 | Installation of RAS (**SC/ST**) | 2 nos | 50.00 | 100.00 | 60.00 | 36.00 | 24.00 | 40.00 |
| 11 | Establishment of Hatcheries **(Govt. sector)** | 3 nos | 25.00 | 75.00 | 75.00 | 37.50 | 37.50 | 0.00 |
| 12 | Auto Rickshaw with ice box | 10 nos | 2 | 20.00 | 8.00 | 4.80 | 3.20 | 12.00 |
| 13 | Motor cycle with ice box | 100 nos | 0.6 | 60.00 | 24.00 | 14.40 | 9.60 | 36.00 |
| 14 | Setting up of retail fish outlet | 2 nos | 10 | 20.00 | 8.00 | 4.80 | 3.20 | 12.00 |
| 15 | Sub Total |  |  | **4182.97** | **1795.88** | **1070.03** | **725.86** | **2387.09** |
| 16 | Administrative cost @3% |  |  | **32.10** |  | **32.10** |  |  |
| **17** | **Total** |  |  | **4215.07** |  | **1102.13** | **725.86** | **2387.09** |

*Item-wise details of the proposal of Government of* ***Chhattisgarh*** *for development of Fisheries in the State with the central financial assistance under the Centrally Sponsored Scheme on Blue Revolution: Integrated Development and Management of Fisheries during the* ***year 2018-19.***

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No.** | **Activities** | **Physical Target** | **Unit**  **Cost** | **Total Estimated Cost** | **Eligible Subsidy** | | **Beneficiaries share** |
| **Central Share** | **State Share** |
| **(i)** | **(ii)** | **(iii)** | **(iv)** | **(v)** | **(vi)** | **(vii)** | **(viii)** |
| 1 | Modern hygienic fish market with a minimum of 20 retail outlets (Nos). | 02 | 100.00 | 200.00 | 100.00 | 100.00 | 0.00 |
| 2 | Establishment of retail outlet (Nos) | 05 | 10.00 | 50.00 | 12.00 | 8.00 | 30.00 |
| 3 | Insulated truck of a minimum 10 tonne capacity(Nos). | 01 | 20.00 | 20.00 | 4.80 | 3.20 | 12.00 |
| 4 | Auto rickshaw with ice box (Nos) | 10 | 2.00 | 20.00 | 4.80 | 3.20 | 12.00 |
| 5 | Motor cycle with ice box (Nos) | 200 | 0.60 | 120.00 | 28.80 | 19.20 | 72.00 |
| 6 | Saving-cum-Relief | 7650 | 0.05 | 382.50 | 127.50 | 127.50 | 127.50 |
| 7 | Housing for fishers under Blue Revolution-for General(Nos) | 160 | 1.20 | 192.00 | 46.08 | 30.72 | 115.20 |
| 8 | Housing for fishers under Blue Revolution- for SC/ST(Nos) | 40 | 1.20 | 48.00 | 17.28 | 11.52 | 19.20 |
| 9 | Construction of New Ponds on Own land for General (ha) | 250 | 7.00 | 1750.00 | 420.00 | 280.00 | 1050.00 |
| 10 | Construction of New Ponds on Own land for SC/ST(ha) | 50 | 7.00 | 350.00 | 126.00 | 84.00 | 140.00 |
| 11 | Inputs for Newly const. pond for General(ha) | 250 | 1.50 | 375.00 | 90.00 | 60.00 | 225.00 |
| 12 | Inputs for Newly const. pond for SC/ST(ha) | 50 | 1.50 | 75.00 | 27.00 | 18.00 | 30.00 |
| 13 | Establishment of Circular Hatchery Unit (Nos)(1 Govt. & 1 Private | 02) | 25.00 | 50.00 | 18.50 | 16.50 | 15.00 |
| 14 | Solar Power Support System for Aquaculture (Nos) | 10 | 15.00 | 150.00 | 75.00 | 75.00 | 0.00 |
| 15 | Const. of Rearing unit for General (ha) (Gen) | 135 | 6.00 | 810.00 | 194.46 | 129.60 | 486.00 |
| 16 | Const. of Rearing unit for SC/ST(ha) | 15 | 6.00 | 90.00 | 21.60 | 14.40 | 54.00 |
| 17 | Inputs for Rearing unit for General (ha) (Gen) | 135 | 1.50 | 202.50 | 48.60 | 32.40 | 121.50 |
| 18 | Inputs for Rearing unit for SC/ST(ha) | 15 | 1.50 | 22.50 | 8.10 | 5.40 | 9.00 |
| 19 | Construction of Fish landing Centers (Nos) (Govt) | 10 | 4.00 | 40.00 | 20.00 | 20.00 | 0.00 |
| 20 | Installation of Cages in Reservoirs (Nos) (General) | 48 | 3.00 | 144.00 | 34.56 | 23.04 | 86.40 |
| 21 | Training, Skill Development and Capacity Building to Fish Farmer & other Stakeholders (Nos). | 400 | 0.08 | 32.00 | 32.00 | 0.00 | 0.00 |
| 22 | Establishment of freshwater fish brood bank (Nos) (Govt.) | 1 | 500.00 | 500.00 | 250.00 | 250.00 | 0.00 |
|  | **Total** |  |  | **5623.50** | **1707.08** | **1311.68** | **2604.80** |

(Rs. in lakh)

**Significant Achievements during 2014-15 to 2017-18 under Fisheries Sector in Chhattisgarh**

* Central assistance of Rs. 3386.05 lakhs released for Fisheries Sector
* Assistance provided for bringing 1157.82 ha area under aquaculture
* Approved establishment of 7 Nos of fish/prawn hatcheries
* Approved the installation of 117 Nos cages/pens in reservoirs and other open water bodies
* 7 Nos of Recirculatory Aquaculture Systems (RAS) approved.
* 1,114 units of fish transportation facilities viz., refrigerated & insulated trucks, auto rickshaws, motor cycles & bicycles with ice box have been sanctioned
* Sanctioned 24 units of fish markets & fish mobile markets
* Approved construction of 575 fishermen houses
* Insurance cover provided to total 8,40,000 fishers
* Financial assistance provided to 29,331 fishers under Saving-cum-Relief component during fishing lean/ban period
* Skill training provided to 2,370 fish farmers & other stakeholders