**STATE FISHERIES PROFILE**

**(JHARKHAND)**

**1. PROFILE**

Fisheries is an important economic activity in the state for additional employment and income generation. About 65-70% of people in the state consume fish and shell fish products. Against the estimated annual demand of 2.25 lakh tonnes of fish, the state is producing about 1,90,000 metric tons of fish annually.

**1.1 SCOPE**

* Fish Seed Production for livelihood and income generation.
* Fish fingerling stocking based Reservoir Fisheries Development.
* Cage Aquaculture

**1.2 OPPORTUNITIES**

* Ease of doing business
* Cage fabrication
* Cage Aquaculture
* Establishment of Fish Feed Mills
* Establishment of Polymer based net manufacturing units

**1.3 RESOURCES**

|  |  |  |
| --- | --- | --- |
| **Fishery Resources available** | **Physical Units/Nos.** | **Area in Ha** |
| Private Tanks | 1,16,305 nos | 50,586 ha |
| Govt. Tanks | 16,719 nos | 15,762 ha |
| Total | 66,348 ha |
| Reservoirs | 401 nos. | 1,21,117 ha |
| Check dams &Aahars | 1184 nos | 4570 ha |
| Coal pits & mines | 1741 nos. | 9880 ha |
| Rivers | 1800Kms. |  |
| MGNERGA Wells | 126000 (in nos.) |  |
| Dobha | 2,04,000 app. |  |
| Riverine Fish Farming (RFF) | 700 |  |
| Govt. Fish Farms | 80 |  |
| Govt. Hatcheries | 79 |  |
| Private Hatcheries | 97 |  |
| State level Training Centre | 2 |  |
| Hygenic wholesale fish market | 1 at Shalimar, Ranchi |  |
| Cooperative Societies | 401 nos. |  |
| Members of FCS | 29312 nos. |  |
| Reservoir Cooperative Societies | 237 nos. |  |
| Members of Reservoir FCS | 12452 nos. |  |
| Voluntary Matsya Mitras | 7500nos |  |
| Total nos. of Cages | 3500 |  |
| Fish Production in Cages | 3-4 tons per cage |  |
| Pukka Machua Awas | 13918 nos. |  |
| Insured Fishers | 128000 nos. |  |
| Insurance Claim settlement | 35 nos. |  |

**2. SIGNIFICANT ACHIEVEMENTS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Activity** | **2015-16** | **2016-17** | **2017-18** |
| Fish Production (in MT) | 115000 | 145142 | 190000 |
| Fish Seed Production (in Crore) | 161.96 | 425 | 1030 |
| Cage Culture (no. Of cages) | 1153 | 300 | 522 |

**3. Fish production in last fifteen years in Jharkhand:**

|  |  |  |
| --- | --- | --- |
| **Year** | **Inland Fish production** | **Fish Seed Production** |
|  | Fish production(‘000 tons) | Growth rate (%) | No of fish seeds produced(million fry) |
| 2004-05 | 22.00 | -70.81 | 80.00 |
| 2005-06 | 34.27 | 55.7 | 17.27 |
| 2006-07 | 34.27 | 0 | 28.71 |
| 2007-08 | 67.89 | 98.10 | 28.71 |
| 2008-09 | 75.80 | 11.65 | 77.11 |
| 2009-10 | 70.50 | -6.99 | 540.50 |
| 2010-11 | 71.89 | 1.97 | 630.70 |
| 2011-12 | 91.68 | 27.53 | 649.70 |
| 2012-13 | 96.60 | 5.37 | 931.00 |
| 2013-14 | 104.82 | 8.50 | 1071.81 |
| 2014-15 | 106.43 | 1.54 | 1108.48 |
| 2015-16 | 116.00 | 8.99 | 1702.39 |
| 2016-17 | 145.14 | 25.12 | 42501.08 |
| 2017-18 | 190.00 | 30.91 | 10300.00 |
|  | 209.03 | 10.02 | 10363.07 |

**4. STATUS OF PROJECT PROGRESS REPORT AND UC**

**Under Blue Revolution Scheme : Under Progress.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No.** | **Financial Year** | **Funds Released** | **UCs Received** | **UCs Pendings** |
| 1 | 2016-17 | 2300.20 | 1240.69 | 1059.51 |
| 2 | 2017-18 | 75.00 | 0.00 | 75.00 |
| 3 | 2018-19 | 925.40 | 0.00 | 925.40 |
|  | **Total** | **3300.60** | **1240.69** | **2059.91** |

**5.1. Funds released to Government of Jharkhand from National Fisheries Development Board (NFDB):**

(Rs. in lakhs)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of activities** | **Fund released during 11th Plan** | **During 12th Plan** |  |  |
| **2007-08** | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **2013-14** | **2014-15** | **2015-16** | **2016-17** | **2017-18** | **2018-19** |
| Intensive aquaculture in ponds & tanks | 20.78 | 19.94 | 10.52 | 31.77 | 7.20 | 3.60 | 0.00 | 12.13 | 0.00 | 75.50 | 1.90 |  |
| Reservoir fisheries | 83.50 | 47.45 | 162.34 | 70.90 | 82.42 | 40.75 | 223.60 | 15.91 | 214.12 | 1149.45 |  |  |
| Coastal aquaculture | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |
| Domestic marketing | 0.00 | 0.00 | 0.00 | 0.00 | 96.50 | 87.99 | 156.21 | 78.36 | 0.00 | 87.50 |  | 15.30 |
| Fish Dressing Center and Solar Drying of Fish | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.53 | 0.00 |  |  |   |
| Other activity |  |  |  |  |  |  |  |  |  | 1.00 | 1.00 | 10.00 |
| Human Resources Development | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.00 | 0.00 |  | 11.73 |  |
| **Total:** | **104.28** | **67.40** | **172.86** | **102.67** | **186.12** | **132.34** | **379.81** | **115.93** | **214.12** | **1313.45** | **14.63** | **25.30** |

**5.2. Funds released under CSS & CS Schemes to Jharkhand from Government of India**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of the Scheme** | **Fund released during 11th Plan** | **During 12th Plan** |  |  |
| **2007-08** | **2008-09** | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **2013-14** | **2014-15** | **2015-16** | **2016-17** | **2017-18** | **2018-19** |
| Development of Inland fisheries & Aquaculture | 50.00 | 62.50 | 50.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | All schemes merged under umbrella of CSS on Blue Revolution scheme |  |
| National Scheme of Welfare of Fishermen. | 327.20 | 123.60 | 248.21 | 256.33 | 251.50 | 180.77 | 175.00 | 181.79 | 375.00 |
| Strengthening of Database & Geographic Information System of Fisheries Sector. | 1.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Blue Revolution scheme | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2300.20 | 75.00 | 925.40 |
| **Total** | **378.55** | **186.10** | **298.21** | **256.33** | **251.50** | **180.77** | **175.00** | **181.79** | **375.00** | **2300.20** | **75.00** | **925.40** |

***6.1*** *Item-wise details of the proposal of Government of* ***Jharkhand*** *approved under the Centrally Sponsored Scheme on Blue Revolution: Integrated Development and Management of Fisheries during* ***2016-17***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No** | **Name of the proposed Scheme** | **No. of Unit proposed** | **Total Project Cost** | **Central Share** | **State/ Beneficiaries share** |
| **(i)** | **(ii)** | **(iii)** | **(iv)** | **(v)** | **(vi)** |
| 1 | Cages installation with input cost for 1st crop in Reservoir | 1000 | 3000.00 | 1500.00 | 1500.00 |
| 2 | RFP/Pen culture in open water including inputs | 360 | 1080.00 | 540.00 | 540.00 |
| 3 | Housing for Fishers | 417 | 500.40 | 250.20 | 250.20 |
| 4 | Administrative Expenses |   | 20.00 | 10.00 | 10.00 |
| 22 | Setting up of mobile/retail fish outlet ( kiosk) ( units) | 3 | 30 | 15 | 15 |
|  | **TOTAL** |  | **4600.40** | **2300.20** | **2300.20** |

***6.2*** *Item-wise details of the proposal of Government of* ***Jharkhand*** *approved under Blue Revolution scheme during* ***2018-19***

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl No. | **Name of the Project /Activity** | **No of Units** | **Unit Cost**  | **Total Project Cost (TPC)** | **Eligible Subsidy** | **CSS-Sharing** | **Beneficiary Share**  | **Fund Releases** |
| **Center 60%** | **State 40%** |
| **(i)** | **(ii)** | **(iii)** | **(iv)** | **(v)** | **(vi)** | **(vii)** | **(viii)** | **(ix)** | **(X)** |
| 1 | Hatcheries | 4 | 25.00 | 100.00 | 40.00 | 24.00 | 16.00 | 60.00 | 15.00 |
| 2 |  Re- circulatory Aquaculture System (RAS) | 8 | 50.00 | 400.00 | 160.00 | 96.00 | 64.00 | 240.00 | 60.00 |
|   | **Total** |  |  | **500.00** | **200.00** | **120.00** | **80.00** | **300.00** | **75.00** |
| ***Total Fund Released*** | **75.00** |

***6.3*** *Item-wise details of the proposal of Government of* ***Jharkhand*** *approved under the CSS on Blue Revolution during* ***2018-19***

***(Rs. in lakh)***

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No** | **Name of the proposed Scheme** | **Unit Cost** | **No. of Unit proposed** | **Total Project Cost** | **Eligible CSS Assistance** | **CSS Sharing** | **Beneficiary Share** |
| **Centre-60%** | **State-40%** |
| **(i)** | **(ii)** | **(iii)** | **(iv)** | **(v)** | **(vi)** | **(vii)** | **(viii)** | **(ix)** |
| 1 | Solar power support system for Aquaculture (Govt.) | 15.00 | 10 | 150.00 | 150.00 | 75.00 | 75.00 | 0.00 |
| 2 | Establishment of large Fish feed Mill (Govt.) | 200 | 1 | 200.00 | 200.00 | 100.00 | 100.00 | 0.00 |
| 3 | Auto rickshaw with ice box (Gen) | 2.00 | 10.00 | 20.00 | 8.00 | 4.80 | 4.80 | 12.00 |
| 4 | Construction lending centres in reservoirs (Govt.) | 4.00 | 10.00 | 40.00 | 40.00 | 20.00 | 20.00 | 0.00 |
| 5 | Development of retail fish markets with 20 stalls (Govt.) | 200.00 | 2.00 | 400.00 | 400.00 | 200.00 | 200.00 | 0.00 |
| 6 | Administrative cost retail unit (Gen) |  |  | 11.99 |  | 11.99 | 0 | 0 |
| 7 | Housing for fishermen  | 1.20 | 720 | 1200.00 | 1200.00 | 720.00 | 180.00 | 0.00 |
|  | **Total** |  |  | **2021.99** | **1200.00** | **1131.79** | **579.80** | **12.00** |

**7. Significant achievements made during 2014-15 to 2017-18 under Fisheries Sector in Jharkhand**

* Central assistance of Rs. 4187.44 lakhs released for Fisheries Sector
* Approved the installation of 2815 Nos cages/pens in reservoirs and other open water bodies
* 8 Nos of Re-circulatory Aquaculture Systems (RAS) approved.
* Approved establishment of 8 Nos of fish/prawn hatcheries
* 1 units of Postharvest Infrastructure facilities viz., ice plants & cold storage have been sanctioned
* Sanctioned 1,475 units of fish markets & fish mobile markets
* Approved construction of 1,901 fishermen houses
* Insurance cover provided to total 4,53,194 fishers
* Skill training provided to 2,950 fish farmers & other stakeholders UC Pending

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