Fisheries Profile of the State: **Odisha**

1. **Fishery Resourced of Odisha**

|  |
| --- |
| **Marine** |
| Length of coast line (Km) | 480 |
| Continental Shelf (‘000 sq km) | 26 |
| Number of Fish Landing Centers | 73 |
| No of Fishing villages | 813 |
| No of fishermen families | 1,14,238 |
| Fisher-folk population | 6,05,514 |
| **Inland** |
| Total inland water bodies (lakh Ha) | 9.80 |
| Rivers & canals (Km) | 4,500 |
| Reservoirs (Lakh ha) | 2.56 |
| Tanks & ponds (lakh Ha) | 1.14 |
| Flood plain lakes/derelict waters (lakh Ha) | 1.80 |
| Brackish water (lakh Ha) | 4.30 |

1. **Fish production in last 15 years:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Inland** | **Marine** | **Total** | **Fish seeds produced** |
|  | **Inland (‘000 tons)** | **Growth rate (%)** | **Marine (‘000 tons)** | **Growth rate (%)** | **production****(‘000 tons)** | **Growth** **rate (%)** | **In million fry** |
| 2004-05 | 193.66 | 1.92 | 121.93 | 4.32 | 315.59 | 2.83 | 604.79 |
| 2005-06 | 203.23 | 4.94 | 122.21 | 0.23 | 325.45 | 3.12 | 321.40 |
| 2006-07 | 213.90 | 5.25 | 128.14 | 4.85 | 342.04 | 5.10 | 546.72 |
| 2007-08 | 218.72 | 2.25 | 130.77 | 2.05 | 349.48 | 2.18 | 640.00 |
| 2008-09 | 239.33 | 9.42 | 135.49 | 3.61 | 374.82 | 7.25 | 2957.85 |
| 2009-10 | 253.22 | 5.80 | 129.33 | -4.55 | 382.55 | 2.06 | 730.00 |
| 2010-11 | 252.71 | -0.20 | 133.48 | 3.21 | 386.19 | 0.95 | 6087.04 |
| 2011-12 | 267.53 | 5.87 | 114.30 | -14.37 | 381.83 | -1.13 | 6087.04 |
| 2012-13 | 291.83 | 9.08 | 118.31 | 3.51 | 410.14 | 7.42 | 701.93 |
| 2013-14 | 293.76 | 0.66 | 120.02 | 1.44 | 413.78 | 0.88 | 930.17 |
| 2014-15 | 336.34 | 14.50 | 133.21 | 10.99 | 469.55 | 13.48 | 4626.90 |
| 2015-16 | 376.52 | 11.94 | 144.75 | 8.66 | 521.27 | 11.01 | 898.53 |
| 2016-17 (P) | 455.00 | 20.84 | 153.10 | 5.45 | 608.10 | 16.65 | 909.56 |
| 2017-18 (p) | 543.36 | 19.42 | 150.85 | -1.47 | 694.21 | 14.16 | 807.70 |
| 2018-19 (E) | 587.90 | 8.20 | 159.08 | 5.46 | 746.99 | 7.60 | 430.50 |

1. **Fishing Crafts:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Traditional crafts** | **Motorized Traditional crafts** | **Mechanized boats** | **Total** |
| 11230 | 9410 | 1741 | 22381 |

1. **Funds availed by the Govt. of Orissa from National Fisheries Development Board (NFDB):**

(Rs. in lakhs)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Name of activities** | **2012-13** | **2013-14** | **2014-15** | **2015-16** | **2016-17** | **2017-18** | **2018-19** |
| Intensive aquaculture in ponds & tanks | 459.70 | 316.43 | 121.13 | 172.81 |  |  |  |
| Reservoir fisheries | 154.03 | 218.34 | 107.08 | 129.43 |  |  |  |
| Coastal aquaculture | 0.00 | 0.00 | 0.00 | 6.75 |  |  |  |
| Seaweed cultivation | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |
| Domestic marketing | 20.00 | 21.96 | 10.85 | 15.67 | 20.86 | 30.68 |  |
| Infrastructure for Postharvest processing | 525.00 | 79.93 | 17.56 | 105.52 |  | 0 |  |
| Human Resources Development | 24.12 | 0.29 | 0.00 | 5.62 |  | 29.25 |  |
| Other activities | 0.00 | 20.75 | 1.50 | 1.00 | 1.0 | 1.0 |  |
| **Total:** | **1182.84** | **657.70** | **258.11** | **436.81** | **21.86** | **60.93** | **Nil** |

1. **Funds released under CSS & CS Schemes in Odisha during 12th Plan**

(Rs. in lakhs)

|  |  |  |
| --- | --- | --- |
| **Name of Schemes** | **Funds released during 12th Plan** | **Blue Revolution Scheme** |
| **2012-13** | **2013-14** | **2014-15** | **2015-16** | **2016-17** | **2017-18** | **2018-19** |
| Development of Inland fisheries & Aquaculture | 330.00 | 240.15 | 691.15 | 675.17 | 2593.59 | 1077.68 | 1022.13 |
| Development of Marine Fisheries, Infrastructure & Post Harvest Operations. | 151.74 | 113.80 | 444.395 | 25.88 |
| National Scheme of Welfare of Fishermen. | 77.85 | 508.53 | 15.00 | 200.35 |
| Strengthening of Database & GIS of Fisheries Sector. | 0.00 | 0.00 | 0.00 | 20.00 |
| National Fisheries Development Board (NFDB) | 1182.84 | 657.70 | 258.11 | 436.82 | 21.86 | 60.93 | **Nil** |
| **Total** | **1742.43** | **1520.18** | **1408.655** | **1358.22** | **2615.45** | **1138.61** | **1022.13** |

**6.1 Year 2016-17**

Under Blue Revolution Scheme proposal of State Government at a total cost of Rs. 2062.40 lakh involving Central share of Rs. 1061.20 lakh has been approved for the various activities as below:-

**(Rs. in lakh)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No. | Item | Quantity | Total | State share/ beneficiary share | Central share |
|  | Construction of New ponds/Tanks in fresh water(Ha) | 107 | 749.00 | 374.50 | 374.50 |
|  | Development of Waterlogged areas (Ha) | 5 | 25.00 | 12.50 | 12.50 |
|  | Input cost | 5 | 7.50 | 3.75 | 3.75 |
|  | Inputs cost for fresh water culture for both Const& Renovation | 137 | 205.50 | 102.75 | 102.75 |
|  | Renovation of existing pond (ha) | 30 | 105.00 | 52.50 | 52.50 |
|  | Construction of New ponds/Tanks in Brackish water | 33 | 231.00 | 115.50 | 115.50 |
|  | Inputs cost for brackish water shrimp culture for both Const& Renovation | 41 | 123.00 | 61.50 | 61.50 |
|  | Renovation of existing pond | 8 | 28.00 | 14.00 | 14.00 |
|  | Establishment of fish seed hatcheries for Indian Major Carps | 2 | 50.00 | 25.00 | 25.00 |
|  | Inland Capture Fisheries(village ponds,tanksetc)-Establishment of Fish landing Center | 1 | 4.00 | 2.00 | 2.00 |
|  | Development of Marine Fisheries-Safety of Fishermen at Sea | 95 | 190.00 | 95.00 | 95.00 |
|  | Motorization of Traditional craft | 237 | 284.40 | 142.20 | 142.20 |
|  | Administrative expenses |  | 60.00 | - | 60.00 |
|  | **Total** |  | **2062.4** | **1001.20** | **1061.20** |

**6.1.2 Additional Proposal for SC benificiaries**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl.****No.** | **Name of the Scheme/component** | **Quantity of target proposed** | **Total Project Cost**  | **Proposed Central Share**  | **Beneficiary/ State Share****( in lakhs)** |
| **(i)** | **(ii)** | **(iii)** | **(iv)** | **(v)** | **(vi)** |
| 1 | a.       Construction of new tanks/ponds | 100 ha | 850.00 | 425.00 | 425.00 |
| b.      Renovation of existing tanks/ponds | 100ha | 500.00 | 250.00 | 250.00 |
| 2 | Development of Brackishwater Aquaculture | 100 ha | 1000.00 | 500.00 | 500.00 |
| 3 | Establishment of Fresh Water Fish Seed Hatchery | 8 nos | 200.00 | 100.00 | 100.00 |
| 4 | Development of Waterlogged Area | 50 ha | 325.00 | 162.50 | 162.50 |
| 5 | Inland Capture Fisheries (Assistance for Craft & Gear) | 300 units | 150.00 | 75.00 | 75.00 |
| 6 | Assistance for Fish Transport Infrastructure | 550 nos | 400.00 | 200.00 | 200.00 |
| 7 | Motorization of Traditional Craft | 200 nos | 120.00 | 60.00 | 60.00 |
| 8 | Assistance to traditional Fishermen for FRP Boat | 100 nos | 425.00 | 212.50 | 212.50 |
|  | **Total** | **3970.00** | **1985.00** | **1985.00** |

\*Further, a sum of Rs.Rs.1532.39 lakh has been released as a 1stinstalment from the aforesaid proposal.Thus a sum of Rs. 2593.59 lakh(Rs.1061.20+1532.39) has been released for development of fisheries activity during the FY 2016-17.

**6.2 Sector-wise Physical target & financial allocation under the CSS on Blue Revolution during 2017-18**

| **S. No** | **Item** | **Unit (No./ha)** | **Total Cost**  | **Sharing of the cost in accordance with CSS** |
| --- | --- | --- | --- | --- |
| **Central share** | **State share** | **Beneficiary share** |
| **(i)** | **(ii)** | **(iii)** | **(iv)** | **(v)** | **(vi)** | **(vii)** |
| 1 | Establishment of Brackish water Hatcheries | 1 | 50.00 | 12.00 | 8.00 | 30.00 |
| 2 | Installation of Cages(Gen) | 24 | 72.00 | 17.28 | 11.52 | 43.20 |
| 3 | Establishment of Recirculatory Aquaculture System (RAS) (Gen) | 3 | 150.00 | 36.00 | 14.40 | 5.76 |
| 4 | Establishment of Recirculatory Aquaculture System (RAS) (SCST) (15% SC 8%ST) | 1 | 50.00 | 18.00 | 7.20 | 2.88 |
| 5 | Establishment of Fish seed hatchery (Gen) | 9 | 225.00 | 54.00 | 36.00 | 135 |
| 6 | Establishment of fish seed hatchery (SCST) (15% SC 8% ST) | 3 | 75.00 | 27.00 | 18.00 | 30 |
| 7 | Establishment of Brackish water Hatcheries | 7 | 350.00 | 84.00 | 56.00 | 210.00 |
| 8 | Motorization of Traditional Craft-Gen | 697 | 418.20 | 100.37 | 66.91 | 250.92 |
| 9 | Motorization of Traditional Craft-SC/SP | 203 | 121.80 | 43.85 | 29.23 | 48.72 |
| 10 | Assistance to Traditional/Artisinal Fishermen for Procurement of FRP Boats-Gen | 58 | 116.00 | 27.84 | 18.56 | 69.6 |
| 11 | Assistance to Traditional/Artisinal Fishermen for Procurement of FRP Boats-Gen | 17 | 34.00 | 12.24 | 8.16 | 13.6 |
| 12 | National Scheme for Welfare of Fisherman-Gen | 7700 | 154.00 | 36.96 | 24.64 | 92.4 |
| 13 | National Scheme for Welfare of Fishermen-SC/SP | 2300 | 46.00 | 16.56 | 11.04 | 18.4 |
| 14 | Backyard Rearing Unit(Freshwater ornamental fish)- Women | 10 | 34 | 12.24 | 8.16 | 13.6 |
| 15 | Medium scale rearing unit (FW)- General | 1 | 9.2 | 2.208 | 1.472 | 5.52 |
| 16 | Medium scale rearing unit (FW)- Women | 4 | 36.8 | 13.248 | 8.832 | 14.72 |
| 17 | Integrated ornamental fish unit(FW) | 1 | 27 | 6.48 | 4.32 | 16.2 |
| 18 | Capacity building programmes on Ornamental fisheries (training, skill development, exposure visits and demonstration | 1 | 2.5 | 2.5 | - | - |
| 19 | Construction of New Ponds and Tanks for inland Saline area (General) | 77 | 539.00 | 129.36 | 86.24 | 323.40 |
| 20 | Construction of New Ponds and Tanks for inland Saline area (ST/SC) | 23 | 161.00 | 57.96 | 38.64 | 64.40 |
| 21 | Input cost for New Ponds Constructed in Saline/Brackishwater(General) | 77 | 115.50 | 27.72 | 18.48 | 69.30 |
| 22 | Input cost for New Ponds Constructed in Saline/Brackishwater(ST/SC) | 23 | 34.50 | 12.42 | 8.28 | 13.80 |
| 23 | Renovation of Ponds and Tanks for inland (General) | 7.7 | 26.95 | 6.47 | 4.31 | 16.17 |
| 24 | Renovation of Ponds and Tanks for inland (ST/SC) | 2.3 | 8.05 | 2.90 | 1.93 | 3.22 |
| 25 | Input cost for Renovation of Ponds and Tanks(General) | 7.7 | 11.55 | 2.77 | 1.85 | 6.93 |
| 26 | Input cost for Renovation of Ponds and Tanks(ST/SC) | 2.3 | 3.45 | 1.24 | 0.83 | 1.38 |
| 27 | Auto-Rickshaw with Ice box | 80 | 160.00 | 57.60 | 38.40 | 64.00 |
| 28 | Establishment of Modern Hygenic fish market in Bhubaneswar and Berhampur | 1 | 500.00 | 180.00 | 120.00 | 200.00 |
|  | **Sub-Total** |  | **3531.5** | **1001.216** | **651.404** | **1763.12** |
|  | Administrative expenses @3% |  |  | **29.03** |  |  |
|  | **Total** |  | **3531.50** | **1030.239** | **651.404** | **1763.12** |

During 2017-18 a sum of Rs. 1077.68 lakh has been released for different fisheries developmental activities.

**6.3. 2018-19**

Proposal of Government of Odisha for construction of a fishing harbour at Chandipur (Balaramagadi) in Balasore District at an estimated project cost of ****4994.00 lakh and a sum of Rs. 499.00 lakh has been released as a 1st instalment

**7. Utilization Certificate pending with Government of Odisha in respect of the funds released under Blue Revolution Scheme.**

(Rupees in Lakh)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No.** | **Financial Year** | **Funds Released** | **UCs Received** | **UCs Pendings** |
| 1 | Prior to 2016-17 |  |  | 166.07 |
| 2 | 2016-17 | 2593.59 | 2187.00 | 406.60 |
| 3 | 2017-18 | 1077.68 | 30.00 | 1047.68 |
|  | 2018-19 | 1022.13 | 0.00 | 1022.13 |
|  | **Total** | **4693.40** | **2217.00** | **2642.48** |

**8. Significant Achievement during 2015-16 to 2018-19 under fisheries sector in Odisha**

* Central assistance of Rs. 6,301.36 lakhs released for Fisheries Sector
* Assistance provided for bringing 4,463 ha area under aquaculture
* Sanctioned construction of 1 Nos of landing centers
* Approved the installation of 28 Nos cages/pens in reservoirs and other open water bodies
* 4 Nos of Recirculatory Aquaculture Systems (RAS) approved.
* Approved establishment of 31 Nos of fish/prawn hatcheries
* 2,995 Traditional Crafts Motorised
* Sanctioned 545 Nos of safety kits for Fishermen at Sea
* Assistance provided to 175 Nos Traditional/Artisanal fishermen
* 630 units of fish transportation facilities viz., refrigerated & insulated trucks, auto rickshaws, motor cycles & bicycles with ice box have been sanctioned
* Sanctioned 34 units of fish markets & fish mobile markets
* Insurance cover provided to 11.31 lakh fishermen annually.
* Financial assistance provided to 37,806 fishers under Saving-cum-Relief component during fishing lean/ban period
* Skill training provided to 2,701 fish farmers & other stakeholders

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