



सत्यमेव जयते

Annual Report 2017-18



National Fisheries Development Board

Department of Animal Husbandry, Dairying & Fisheries
Ministry of Agriculture & Farmers Welfare, Govt. of India
Hyderabad-500 052

SL. NO	PARTICULARS	PAGE NO.
I.	Introduction	3
II.	Objectives of the Board	4-5
III.	Mission Blue Revolution	5-10
IV.	Projects Implemented Under Blue Revolution and Outcomes in the Year 2017-18	10-22
V.	Projects Implemented Under NFDB Activities and Outcomes in the Year 2017-18	23-44
VI.	Human Resource Development Activities	44-46
VII.	Meetings, Seminars and Workshops	46-50
VIII.	Conducting/Participating in Fish Festivals/Melas	50-54
IX.	Celebration of (1) Independence Day, (2) Republic Day, (3) National Fish Farmers Day, (4) World Fisheries Day, And (5) Hindi Divas Samaroh	54-57
X.	Swachhata Pakhwada Scheme	58-61
XI.	Publications & Documentation: (i) Newsletters, Guidelines and Books (ii) Success Stories (iii) Performance of States	61-63 64-69 70-113
XII.	Members of the Governing Body	114-115
XIII.	Members of the Executive Committee	115-116
XIV.	Chief Executive of the Board	117
XV.	Year Wise Budget Allocation	118
XVI.	Right to Information Act	119-120
XVII.	Question on NFDB in Lok Sabha / Rajya Sabha	121
XVII.	Organization Chart	122
XIX.	NFDB Officers & Staff	123
XX.	Independent Auditors Report	124-146
XXI.	Accounts	

I. INTRODUCTION

Fish touch our lives in countless ways in terms of providing food, nutrition, livelihood, employment, recreation, and many more. It comes from two main modes of production systems: Capture Fishery (capturing of wild fish from marine and freshwater) and Culture Fishery (also known as Aquaculture). Aquaculture in India is an important economic activity and a flourishing sub-sector with varied resources and potentials. The fishery sector contributes 5.23% to the Gross Domestic Product (GDP) of the agriculture sector and 0.91% to the total GDP of the country. The vibrancy of the sector can be visualized by overwhelming 17-fold increase that India achieved in fish production in six and a half decades, *i.e.* from 0.75 million metric tons (MMT) in 1950-51 to 12.6 MMT during 2017-18. India ranks second in global aquaculture production. At present India is contributing 6.3% of the global fish production and 5% of the global fish trade. Starting from a purely traditional activity in the fifties, aquaculture over the years has transformed to commercial enterprises opening considerable potentials for rural development, domestic nutritional security, employment generation, gender mainstreaming as well as export earnings. Aquaculture has the potential to contribute many of the Sustainable Development Goals (SDGs) of UNO covering poverty, hunger and feed security; protection, restoration and management of inland water resources, ecosystem and biodiversity; economic growth, employment and decent work; consumption and production; etc. India exported 1,377,244 MT of fish and fishery products worth an all-time high of USD7.08 billion in 2017-18 as against 1,134,948 MT and USD 5.78 billion a year earlier, registering an impressive growth of over 20%. Over the years, the fishery sector of India has witnessed 3 major transformations, shifting of focus (i) from capture fisheries to culture fisheries, (ii) from empirical farming to knowledge-based farming and (iii) from sustenance farming to commercial farming.

At present, the fishery sector is engaging over 14.50 million people at the primary level and many more along the value chain. Nevertheless, the national average annual consumption of fish and fishery products in India is very less, about 5.00 kg; whereas for the fish eating population it is around 9-10 kg. This is because, about 40% of the Indian population does not eat fish as they are vegetarian and the remaining 60% though consumes fish, majority of them eat occasionally. However, over the year, the consumption of fish is increasing steadily due to higher disposable income and growing awareness on fish as health food among the people.

The National Fisheries Development Board (NFDB), established in 2006, is an autonomous organization under the administrative control of the Department of Animal Husbandry, Dairying and Fisheries, Ministry of Agriculture and Farmers Welfare, Govt. of

India. It was set up to realize the untapped potential of fisheries sector in inland and marine, fish culture, capture, processing & marketing of fish, and accelerate the overall growth of fisheries sector with the application of modern tools of research & development. In 12 years of its existence, NFDB has taken up numerous multifarious developmental activities which have undoubtedly brought visible positive changes in productivity, production and post-harvest operations of the fishery sector. To accelerate the growth further, the fishery sector needs to adopt new strategies with time, situation and context. Foreseeing the high potential in fishery sector, the Hon'ble Prime Minister in 2016 called for "Blue Revolution". To realize this vision, Department of Animal Husbandry, Dairying & Fisheries in the same year launched the Scheme named as "Blue Revolution: Integrated Development and Management of Fisheries" with a total central outlay of Rs. 3000 crores by merging all the ongoing schemes in fishery sector. To remain relevant in the changing scenario, NFDB is also evolving itself to handle a gamut of proactive and pivotal responsibilities under blue revolution. NFDB is scrutinizing the proposals received from the States/UTs under blue revolution as per the national priorities. NFDB is also gearing up to implement some key projects directly in emerging and innovative areas like Cage Culture, quality seed production, Value chain Development in fisheries etc. which have good potential. The successful implementation of projects will effectively demonstrate these frontier technologies to farmers and entrepreneurs for wider adoption.

II. Objectives of the Board

- To bring major activities relating to fisheries and aquaculture for focused attention and professional management
- To coordinate activities pertaining to fisheries undertaken by different Ministries/Departments in the Central Government and also coordinate with the State/Union Territory Governments
- To improve production, processing, storage, transport and marketing of the products of capture and culture fisheries
- To achieve sustainable management and conservation of natural aquatic resources including the fish stocks
- To apply modern tools of research and development including biotechnology for optimizing production and productivity from fisheries
- To provide modern infrastructure mechanisms for fisheries and ensure their effective management and optimum utilization
- To generate substantial employment

- To train and empower women in the fisheries sector
- To enhance contribution of fish towards food and nutritional security.

III. Mission Blue Revolution

The vision of mission Blue Revolution is creating an enabling environment for integrated development of the full potential of fisheries of the country, along with substantially improvement in the income status of fishers and fish farmers keeping in view the sustainability, bio-security and environmental concerns. It focuses on tapping the full production potential and enhance productivity substantially from aquaculture and fisheries resources, both inland and marine. It targets to achieve the growth rate of about 8% annually on a sustainable basis over a period of 5 years and to achieve the projected fish production set at 15 million metric tons by 2022. This is sought to be achieved through seven point Strategies: (i) resource maximization with productivity enhancement, (ii) infrastructure creation, (iii) modernization through new technologies, (iv) thrust on export, (v) employment generation, (vi) fish farmer welfare, (vii) ensuring food and nutritional security. The wider adoption frontier technologies like cage culture, RAS (recirculation aquaculture system), biofloc, quality seed production, value chain development etc. will facilitate the process. The value chain development involves: environmental sustainability, certified inputs (seed, feed, etc.), better management practices, traceability, hygienic handling, processing and value-addition in a certified plant, shipping, and delivery of wholesome products to consumers. To make blue revolution more robust, where it is appropriate, an inclusive business approach is created to build value for aqua-farmers, together with a suitable enabling environment. Enabling factors include environmentally suitable sites for aquaculture, farmer numbers and geography (scattered farmers are more difficult to manage than farmers in clusters) and the presence of infrastructure that allow access to input and output markets. Policy and institutional orientation of private and public sectors towards aqua-farmers play a crucial role. Both private and public sectors are pro-actively engaged with commercial aquaculture, particularly in areas with large numbers of farmers.

Blue Revolution, the *Neel Kranti Mission* has the vision to achieve economic prosperity of the country and the fishers and fish farmers as well as contribute towards food and nutritional security through full potential utilization of water resources for fisheries development in a sustainable manner, keeping in view the bio-security and environmental concerns. The *Neel Kranti Mission, 2016 (NKM 16)*, being the year in which the Vision has been given by the Prime Minister will have multi-dimensional approach to all activities concerned with development of the fisheries sector as modern world class industry in

India. It will focus on tapping the resources of full production potential and enhance productivity substantially from aquaculture and fisheries resources, both inland and marine. Substantially increasing the share of Indian fisheries in the export area would be a key goal. It will ensure doubling the income of the fishers and fish farmers with inclusive participation of the socio-economically weaker sections and ensure sustainability with environment and biosecurity.

Implementing Agencies for Blue Revolution (BR) Scheme:

The scheme would be implemented through the following agencies:

- Central Government Institutes/ Agencies, NFDB, ICAR Institutes etc.
- State Governments and UTs
- State Government Agencies, Corporations, Federations
- Fishers Cooperatives
- Individual Beneficiaries/ Entrepreneurs

Central Financial Assistance under BR Scheme:

The Ministry of Agriculture and Farmers Welfare, Department of Animal Husbandry, Dairying & Fisheries has accordingly restructured the scheme by merging all the ongoing schemes under an umbrella of Blue Revolution. The restructured scheme provides focused development and management of fisheries, covering inland fisheries, aquaculture, marine fisheries including deep sea fishing, Mariculture and all activities undertaken by the National Fisheries Development Board (NFDB).

The restructured Plan Scheme on “Blue Revolution: Integrated Development and Management of Fisheries” has been approved at a total central outlay of Rs.3000 crore for implementation during a period of five years (2015-16 to 2019-20) with the following components:

- (I) Development of Marine Fisheries, Infrastructure and Post-Harvest Operations
- (II) National Scheme for the welfare of Fishermen,
- (III) Development of Inland Fisheries and Aquaculture,
- (IV) National Fisheries Development Board (NFDB) and its activities

Pattern of Assistance under Blue Revolution (BR)

The scheme is implemented in accordance with the annual budgetary allocation in the Demand for Grants of the Ministry of Agriculture and Farmers Welfare and the Administrative Approval of the Scheme dated 20th May, 2016.

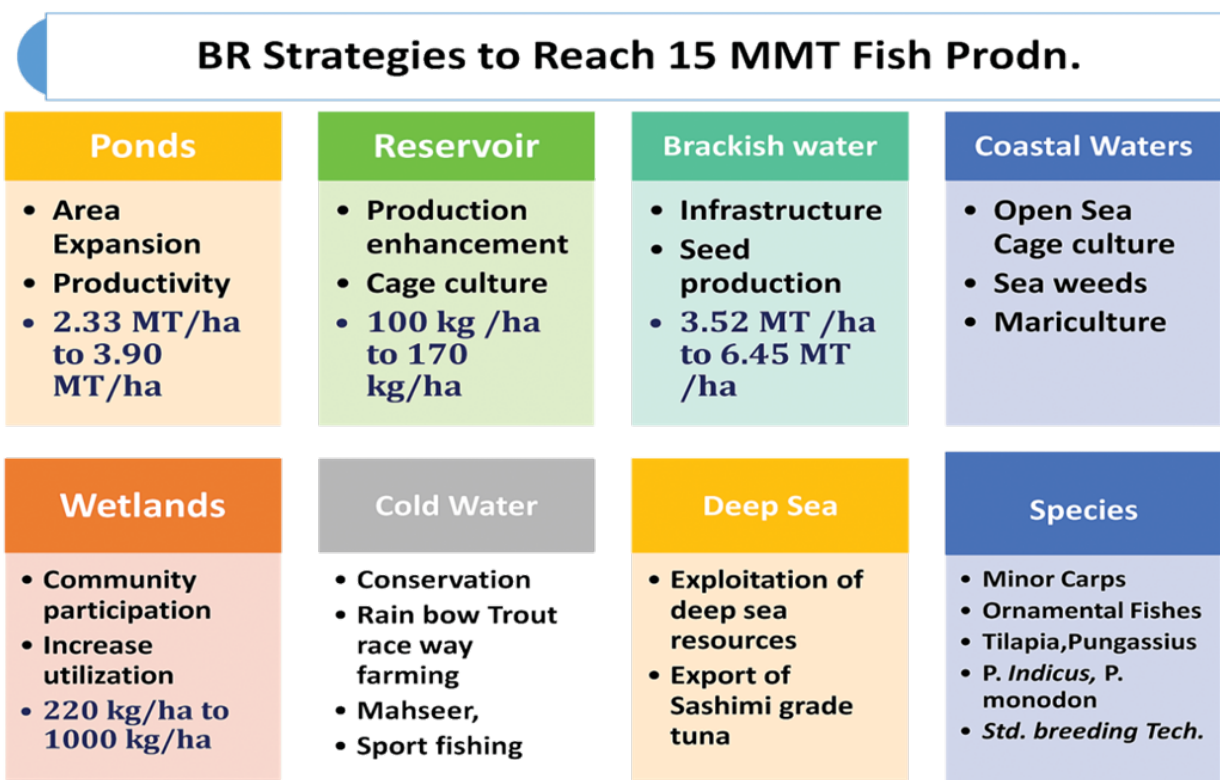
Accordingly, the subsidy and subsidy sharing pattern, especially beneficiary oriented components are applicable from the financial year 2017-18 onwards:

Category	Govt. Assistance	Beneficiary Share
Beneficiary-oriented Schemes		
General Class	40% (24% Central + 16% State)	60%
Weaker Section	60% (36% Central + 24% State)	40%
State-oriented Schemes		
General State	100% (50% Central + 50% State)	
Hilly/NE States	100% (80% Central + 20% State)	
UTs	100% (100% Central + 0% State)	

New proposals/activities under the (I) Development of Marine Fisheries, Infrastructure and Post-Harvest Operations (II) National Scheme for the welfare of Fishermen, (III) Development of Inland Fisheries and Aquaculture, (IV) National Fisheries Development Board (NFDB) and its activities, and are to be implemented through the National Fisheries Development Board on the Detailed Project Report (DPR) based model, restricting the Central financial assistance as below:

- (a) 50% of the project/unit cost for general States, leaving the rest to State Agencies/ Organizations, Corporations, Federations, Boards, Fishers Cooperatives, private Entrepreneurs, individual Beneficiaries.
- (b) 80% of the project/unit cost for North-Eastern/ Hilly States leaving the rest to State Agencies/ Organizations, Cooperatives, individual Beneficiaries, etc.
- (c) 100% for projects directly implemented by the Government of India through its Institutes/ Organizations and Union Territories.

STRATEGIES TO INCREASE FISH PRODUCTION:



Strategies for NFDB



Action Plan

Under blue revolution, it has been decided to fully tap the total fish potential of the country both in the inland and the marine sector and triple the production by 2020 and also transformation of the fisheries sector as a modern industry with special focus on new technologies and processes. Through the scheme National Fisheries Development Board directed its effort to double the income of the fishers and fish farmers with special focus on increasing productivity and better marketing postharvest infrastructure including e-commerce and other technologies and global best innovations. NFDB has also taken up

the challenge to triple the export earnings by 2020 with focus on benefits flow to the fishers and fish farmers through institutional mechanisms in the cooperative, producer companies and other structures. NFDB indulged itself to ensure inclusive participation of the fishers and fish farmers in the income enhancement and also aspires to enhance the food and nutritional security of the country.

To execute the envisaged action plan, NFDB invites proposals from various stakeholders, viz., fishers societies, fish farmers and entrepreneurs through the respective State Departments of Fisheries, Central and State Fisheries Institutes/ Colleges, State Fisheries Corporations, etc.

Project Proposals during 2017-18

NFDB conducted 22 Projects Screening Committee and examined 64 proposals from various implementing agencies out of which 55 proposals were recommended for extending financial assistance of Rs. 15.78 crores.

Monitoring & Evaluation of Projects

Monitoring and Evaluation studies for BR Projects were initiated as per the instructions of DADF. Following the instructions, the evaluation of the BR 2016-17 projects in four states of North-East (Assam, Tripura, Mizoram and Nagaland) were directly undertaken by NFDB.

Continuing the same approach, NFDB carried out the evaluation work in Madhya Pradesh and Chhattisgarh. With this, monitoring of six states was completed by NFDB directly.

For the remaining 22 States, two third parties namely, M/s EY and M/s PWC were engaged and each was allocated eleven states. An amount of Rs. 53,248,84/- was sanctioned to PWC and an amount of Rs. 52,56,204/- to EY. After deducting GST, an amount of Rs. 48,73, 623/- was paid to PWC and Rs. 48,107,63/- to EY. Reports are submitted by the said agencies.

NFDB has started initiatives for introducing e-marketing in the fisheries sector. For this, information is collected from the DoF of different States. But, M/s Agriwatch was engaged for collecting the data from the State of West Bengal. An amount of Rs. 2.478 lakh was sanctioned for the collecting the data. Information is already collected and updated in the NFDB Web portal.

On the suggestion of DADF, NFDB engaged M/s EY for carrying out a study on the export potentials of fishery sector to reach the target of Rs. 100 lakh crore by 2022. An amount

of Rs. 30,041,74/- has been paid to NICSI. The study is completed and the report is submitted.

Based on the decision taken in the 10th review meeting held on 4th September 2017 at New Delhi, NFDB has taken up the work of identification of backward districts and their potential for development of fisheries sector in each state. The work was carried out by the M&E Division of NFDB. The results of the study were communicated to State DoF and also uploaded in the NFDB Web Portal.

The DADF instructed NFDB to evaluate the NSPAAD Project which completed its first phase. The evaluation is completed and the draft is sent to the Collaborating Centres for comments.

IV. PROJECTS IMPLEMENTED UNDER BLUE REVOLUTION AND OUTCOMES in the year 2017-18

State wise Sanctioned and Released Amounts during financial year 2017-18

SL. No.	States/ UTs	Total Project Cost (Rs. in lakh)	Central Share Sanctioned (Rs. in lakh)
1	A&N Islands	457.75	199.87
2	Andhra Pradesh	8964.5	1717.69
3	Arunachal Pradesh	338.913	247.665
4	Assam	1867.70879	888.5147644
5	Bihar	15	3.6
6	Chhattisgarh	4315.07	1202.13
7	Daman & Diu	629.69	251.88
8	Delhi	340.14	151.54
9	Goa	1060.1	294.70978
10	Gujarat	2378.24	1362.1264
11	Haryana	3526.55	869.95
12	Himachal Pradesh	1236.94	621.17
13	Jammu & Kashmir	809.6	449.65
14	Jharkhand	500	120
15	Karnataka	3602.725	1338.1164
16	Kerala	3571.6	952.998
17	Lakshadweep	133.2	59.52
18	Madhya Pradesh	2562.75	746.69
19	Maharashtra	1378.75	558.9
20	Manipur	1039.1	506.83195
21	Meghalaya	256.93	155.1

SL. No.	States/ UTs	Total Project Cost (Rs. in lakh)	Central Share Sanctioned (Rs. in lakh)
22	Mizoram	485.47	289.565
23	Odisha	3531.5	1030.246
24	Puducherry	150	150
25	Punjab	1565.06	517.06
26	Rajasthan	324.83	92.53
27	Tamil Nadu	40515	20123.6
28	Telangana	1960.53	533.09
29	Tripura	808.29	476.24
30	Uttar Pradesh	7665.67	2279.86
31	Uttarakhand	1456.7	751.774
32	West Bengal	1554.36	458.12
Grand Total		99204.18679	39602.25729

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

The Central Government extend financial assistance to fishers through the State/UT Governments for motorization of traditional fishermen, construction of fishing harbours and fish landing centers, motorcycle with ice box, setting up of inland fish marketing centres, craft and gear, construction of landing centers, refrigerated and insulated truck and innovative activities etc. to enhance production of marine fisheries and strengthen infrastructure to provide fish in prime condition to the consumers and fish processing industry. Under Blue Revolution, the Department of Animal Husbandry, Dairying and Fisheries sanctioned financial assistance during 2017-18 to the following states/UTs, towards the respective developmental activities as follows:

A. Auto Rickshaw with ice box

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
A&N Islands	20	8
Chhattisgarh	20	4.8
Haryana	160	42.72
Jammu & Kashmir	40	15.84
Maharashtra	14	3.36
Odisha	160	57.6
Grand Total	414	132.32

B. Motor cycle with ice box

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Chhattisgarh	60	14.4
Goa	12	3.168
Maharashtra	6.6	1.58
Uttarakhand	4.8	1.944
West Bengal	30	7.2
Grand Total	113.4	28.292

C. Motorization of Traditional Craft Including Fishing Gear

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
A&N Islands	120	53.52
Andhra Pradesh	1080	288.96
Assam	262.7	141.86
Goa	77.6	20.808
Karnataka	262.8	70.27
Lakshadweep	133.2	59.52
Odisha	540	144.22
Grand Total	2476.3	779.158

D. Cold Chain Development

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Karnataka	100	24
Maharashtra	615	147.6
Grand Total	715	171.6

E. Construction of Landing Centers

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Goa	8	4
Mizoram	12	9.6
Grand Total	20	13.6

F. Setting up of Retail Mobile Fish Outlet/ Market

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Assam	20	7.2
Chhattisgarh	20	4.8
Goa	40	10.8
Karnataka	10	2.4
Madhya Pradesh	20	4.8
Maharashtra	103.15	24.76
Meghalaya	88	47.52
Odisha	500	180
Grand Total	801.15	282.28



Retail Fish Outlets

G. Refrigerated and Insulated truck of 6 tonne and 10 tonne capacity

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
A&N Islands	100	44.25
Arunachal Pradesh	15	8.1
Daman & Diu	59.69	23.88
Goa	80	21.6
Karnataka	15	3.6
Madhya Pradesh	40	9.6
Maharashtra	90	21.6

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Meghalaya	63.32	34.19
West Bengal	30	7.2
Grand Total	493.01	174.02

H. Assistance to Traditional/ Artisanal Fishermen for procurement of FRP Boats

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Andhra Pradesh	212.5	56.61
Goa	85	22.95
Odisha	150	40.08
Grand Total	447.5	119.64

I. Innovative Activities

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Arunachal Pradesh	25.3	13.662
Himachal Pradesh	85	68
West Bengal	30	7.2
Grand Total	140.3	88.862

J. Fishing Harbors and Deep Sea Fishing Vessel

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Andhra Pradesh	960	259.2
Daman & Diu	400	160
Gujarat	1800	1211.2
Tamil Nadu	40000	20000
Grand Total	43160	21630.4

K. Pearl Culture

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Andaman & Nicobar Islands	25	10
Rajasthan	25	12.5
Grand Total	50	22.5

2. National Scheme for the Welfare of Fishermen

The Centrally Sponsored 'National Scheme of Welfare of Fishermen' envisaging to provide financial assistance to fishers for construction of house, community hall for recreation and common working place and installation of tube-wells for drinking water and group accident insurance for Active Fishermen, Grant in aid to FISHCOPFED. Under Blue Revolution, the Department of Animal Husbandry, Dairying and Fisheries sanctioned financial assistance during 2017-18 to the following states/UTs, towards the respective developmental activities as follows:

A. Saving cum Relief (For both Inland and Marine fishers)

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Chhattisgarh	100	100
Karnataka	1027.17	513.585
Madhya Pradesh	450	150
Odisha	200	53.52
Puducherry	150	150
Tripura	25.05	20.04
Grand Total	1952.22	987.145

B. Housing for Fishermen

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Arunachal Pradesh	62.4	56.16
Assam	65	58.5
Jammu & Kashmir	260	234
Manipur	44.2	35.36
Mizoram	55.9	50.31
Tripura	182	163.8
Uttar Pradesh	375.6	225.36
West Bengal	146.4	87.84
Grand Total	1191.5	911.33

C. Construction of Community halls

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Himachal Pradesh	85	68
West Bengal	4	2
Grand Total	89	70

3. Development of Freshwater/ Brackish water Aquaculture

The country is endowed with vast resources in terms of ponds & tanks, rivers & canals, reservoirs, lakes and other water bodies having immense scope for development of fisheries to strengthen the food security, generate employment opportunities and earn foreign exchange with the ultimate objective of improving the socio economic status of fishers, fish farmers and other people engaged in the sector. In this direction, the Government of India formulated and launched the Centrally Sponsored Scheme on *“Development of Inland Fisheries and Aquaculture”* under macro-management approach in States/UT’s. The components approved under the scheme are:

- a) Development of Freshwater Aquaculture.
- b) Development of Brackish Water Aquaculture.
- c) Coldwater Fisheries and Aquaculture.
- d) Development of Waterlogged Areas.
- e) Productive Utilization of Inland Saline/Alkaline Soils for Aquaculture.
- f) Integrated Development of Inland Capture Resources (reservoirs/rivers etc.)

Under Blue Revolution, the Department of Animal Husbandry, Dairying and Fisheries sanctioned financial assistance during 2017-18 to the following states/UTs, towards the respective developmental activities as follows:

A. Construction of New Ponds for Aquaculture (Freshwater, saline water and brackish water)

State	Total Project Cost (Rs. in Lakh)	Total Central Share (Rs. in lakh)
A&N Islands	6.3	2.52
Andhra Pradesh	1545	387.36
Arunachal Pradesh	99	66.33
Assam	675	320.985
Chhattisgarh	2873.74	712.11
Goa	21	5.88
Gujarat	219.24	58.7664
Haryana	1536	368.64
Himachal Pradesh	9.99	5.39
Jammu & Kashmir	70	25.2
Karnataka	1050.21	281.0388

State	Total Project Cost (Rs. in Lakh)	Total Central Share (Rs. in lakh)
Madhya Pradesh	346	92.4
Manipur	654.5	289.17
Mizoram	56.4	30.46
Odisha	700	187.32
Punjab	350	84
Rajasthan	198	52.56
Telangana	1156	309
Uttar Pradesh	1765	423.6
Uttarakhand	180	72.36
Grand Total	13511.38	3775.09

B. Renovation of existing ponds and tanks

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
A&N Islands	150	67
Andhra Pradesh	140	33.6
Goa	14	3.78
Kerala	525	133.56
Odisha	50	13.38
Tamil Nadu	210	50.4
Tripura	12.46	9.97
Uttar Pradesh	1625	390
West Bengal	208.76	55.87
Grand Total	2935.22	757.56

C. Construction of permanent Farming Units and Raceways

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Arunachal Pradesh	99	66.33
Himachal Pradesh	526.5	232.47
Jammu & Kashmir	265.5	102.06

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Uttarakhand	432	173.34
Grand Total	1323	574.2

D. Construction of Feed Mill (large and small)

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Gujarat	200	48
Madhya Pradesh	50	13.2
Uttar Pradesh	299.17	121.6
Uttarakhand	200	160
Grand Total	749.17	342.8



Fish feed mill

E. Construction of Seed rearing units

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Andhra Pradesh	600	160.56
Arunachal Pradesh	30	16.2
Assam	675	320.985
Chhattisgarh	852	215.28
Haryana	1620	388.8
Madhya Pradesh	187.5	50.4

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Manipur	68.4	27.46
Mizoram	56.4	30.46
Rajasthan	247.5	65.7
Telangana	456	121.68
Uttar Pradesh	1590	381.6
Uttarakhand	225	90.45
Grand Total	6607.8	1869.57

F. Construction of Hatcheries

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Andhra Pradesh	2428	37
Arunachal Pradesh	25	20
Assam	286	119.34
Chhattisgarh	75	37.5
Haryana	17.71	4.25
Himachal Pradesh	400	175.5
Jammu & Kashmir	100	36
Jharkhand	100	24
Madhya Pradesh	250	66
Manipur	150	72
Mizoram	100	54
Odisha	700	177
Punjab	250	60
Rajasthan	50	12
Tamil Nadu	125	30
Telangana	425	114
Tripura	52.5	28.35
Uttar Pradesh	1147	371
West Bengal	100	27
Grand Total	6781.21	1464.94

Total Number of Hatcheries (Species wise distribution)

Species wise	Number of Hatcheries
IMC hatchery	120
Sea bass hatchery	3
Mud crab hatchery	3
Carp hatchery	11
Trout Hatchery	1
Pangassius hatchery	1
Shrimp Hatchery	9
Grand Total	148



Fish Seed Hatcheries

G. Installation of Cages in Reservoirs and other open water bodies

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
A&N Islands	35	14
Andhra Pradesh	1791	429.84
Chhattisgarh	351	93.96
Daman & Diu	125	50
Delhi	144	62.4
Goa	636	169.92

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Kerala	240	64.08
Madhya Pradesh	750	198
Manipur	72	28.08
Meghalaya	60	32.4
Mizoram	198	106.92
Odisha	72	17.28
Tripura	192	103.68
Uttar Pradesh	780	187.2
Uttarakhand	144	51.84
Grand Total	5590	1609.6

H. Establishment of Re-Circulatory Aquaculture System

Under Blue Revolution Scheme, there are two types of Re-Circulatory Aquaculture System (RAS) as:

- (a) Low-cost RAS with unit cost of Rs. 15 lakh/unit
- (b) Medium-Cost RAS with unit cost of Rs. 50 lakh/unit

During the FY 2017-18, under Blue Revolution a total of 202 units (Small-107 units & Medium-95 units) of Re-Circulatory Aquaculture System were sanctioned to the following Seventeen States with a subsidy of Rs. 1500.56 Lakh sanctioned to the States:

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Andhra Pradesh	75	19.8
Assam	200	90
Chhattisgarh	350	96
Delhi	100	50
Haryana	800	192
Jammu & Kashmir	15	5.4
Jharkhand	400	96
Kerala	600	160.56
Madhya Pradesh	500	139
Manipur	50	40
Meghalaya	31.15	24.92
Mizoram	31.25	16.875
Odisha	200	54

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Punjab	300	72
Telangana	100	24
Uttar Pradesh	1350	396
West Bengal	100	24
Grand Total	5202.4	1500.56

I. Solar power support and fish drying unit

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Arunachal Pradesh	75	60
Assam	325.15	121.879
Himachal Pradesh	105	84
Jammu & Kashmir	45	16.2
Uttar Pradesh	195	83.7
Uttarakhand	225	89.1
Grand Total	970.15	454.879

J. Training and Skill Development Programmes

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Madhya Pradesh	16	16
Odisha	2.5	2.5
Grand Total	18.5	18.5

K. Ornamental Fisheries Unit

State	Total Project Cost (Rs. in lakh)	Total Central Share (Rs. in lakh)
Andhra Pradesh	18	4.68
Odisha	61	18.72
West Bengal	860.2	224.81
Grand Total	939.2	248.21

V. PROJECTS IMPLEMENTED UNDER NFDB ACTIVITIES AND OUTCOMES in the year 2017-18

NFDB has provided financial assistance in the form of subsidy/grant for taking up various developmental activities through various States and other Implementing Agencies under Intensive Aquaculture scheme of NFDB. The following fisheries developmental activities were undertaken during 2017-18.

1. Intensive Aquaculture in Pond & Tanks (IAP)

The country has large potential for development of freshwater aquaculture. Due to various reasons, this potential has remained untapped. Besides enhancing production and productivity from the existing tanks and ponds, the NFDB also envisages to tap additional areas under freshwater aquaculture, which will not only add to the fish production of the country but will also generate additional employment, especially in the rural and interior areas. It is proposed to bring in an additional area of 50 000 ha under intensive aquaculture in the country in a span of 5-6 years. To promote this development, subsidy would be extended to cover 50 percent of the area i.e. 25000 hectares in the next 5-6 years.

- i. **Construction of New Ponds:** NFDB has extended subsidy assistance of Rs. 15.96575 Lakh in the form of subsequent releases to the state of Assam and Telangana for construction of new fish ponds including one time input costs for enhancing Inland fish production by adopting Intensive Aquaculture practices in an area of 372.67 ha.

Implementing States	Project Components	Sanction Year	Organization	Released Amount (Rs. in lakh)
Assam	Construction of fish seed Rearing ponds (20 ha) under Govt. sector and one time input costs for 20 beneficiaries under private sector	2015-16	Tiwa Autonomous Council (TAC) Morigaon, Assam	2.5
Assam	Construction of fish seed Rearing ponds (20 ha) under Govt. sector and one time input costs for 20 beneficiaries under private sector	2015-16	Tiwa Autonomous Council (TAC) Morigaon, Assam	2.5

Implementing States	Project Components	Sanction Year	Organization	Released Amount (Rs. in lakh)
Assam	Construction of new ponds and one time inputs (16 gen & 3 SC / ST), Area – 18.665 ha, OC - 16.625 ha, SC/ST – 2.04 ha) revised to 19 farmers (General- 16 & SC/ST 3 in 18.665 ha.) Karimganj Dist.	2012-13	DoF, Assam	3.661
Assam	Construction of new ponds and tanks along with one time inputs in an area of 14.80 ha by 18 beneficiaries from Barpeta dist.	2014-15	DoF, Assam	3.996
Telangana	Construction of 3 new ponds in 5.48 ha. (Rs. 3.2880 lakh) with inputs (Rs. 0.5480 lakh) by three beneficiaries of Gaddipally, Nalgonda dist.	2014-15	Sri. Aurbindo KVK, Gaddipally, Nalgonda dist	1.29
	Construction of murrel farming and seed production farm by Sri Koppu Vijaya Kumar of D. B. Pally, Marriguda Mandal, Nalgonda district, Telangana during 2016-17	2016-17	DoF, Telangana	0.75
Grand Total				15.96575

ii. **Establishment of Hatcheries for Production of Fish Seed:** NFDB has extended financial assistance of Rs. 49.5 Lakh for construction of 02 units of fish hatcheries for increasing fish seed production. State wise details of the financial assistance extended are shown below:

Implementing Organizations/ Institute	Project Components	Sanction Year	Released Amount (Rs. in lakh)
CIFE, Powerkheda	Amur Common carp/Jayanti Rohu Hatchery & Seed Production unit for quality fish seed dissemination to be implemented by ICAR-CIFE, Powerkheda Centre	2017-18	2.5
National Seed Corporation, New Delhi	Establishment of fish seed hatchery and construction of new ponds at Jawalgerah, Karnataka	2016-17	46.5
Grand Total			49.50

iii. **Establishment of Aquatic Animal Health & Environment Management Laboratory (AAHL):** - NFDB has extended financial assistance of Rs. 7 Lakh in the form of subsequent releases for setting up of one unit of AAHL in the state of Punjab.

Implementing States	Organization	Project Components	Released Amount (Rs. in lakh)
Punjab	DoF, Punjab	Establishment of Aquatic Animal Health & Environment Management Laboratory at Dhandua, Nawsharhar Dt, Punjab	7

iv. **Establishment of Fish Feed Mill:** - NFDB has extended financial assistance of Rs. 1.9 Lakh in the form of subsequent releases for setting up of one unit of fish feed mill to fulfill the demand of fish feed in Jharkhand state.

Implementing States	Project Components	Sanction Year	Organization	Released Amount (Rs. in lakh)
Jharkhand	Establishment of fish feed mill of 2MT/day capacity by Mr. Niladri Shekhar Mitra of Sahebganj district, Jharkhand for the year 2016-17	2016-17	DoF, Jharkhand	1.9



Fish Feed Mills



View of National Fish Seed Farm



Modern extruded Feed Mill for trout at Manasbal



Cemented nursery tanks



Circular hatchery for carps

2. Cold Water Fisheries:

Cold water Fisheries play an important role amongst the freshwater fishes of India. India has significant resources in terms of upland rivers/streams, high and low altitudes of natural lakes in addition to man-made reservoirs existing both in Himalayan regions and Western Ghats. NFDB has adopted an integrated approach to develop trout infrastructure and has generously funded an amount of Rs. 50.201 lakh for the establishment of hatcheries, feed mills and raceways to Jammu & Kashmir and Sikkim for promotion of commercial farming of important cold water species like Mahaseer (*Tor putitora* and *Tor tor*), Snow Trout and Rainbow Trout etc. and development of cold water fisheries in the country.

Implementing States	Project Components	Released Amount (Rs. in lakh)
J&K	Development of Anantnag as trout District	34.992
J&K	Importing Genetically Improved Eyed Ova of Trout from Denmark	8
Sikkim	Financial assistance for construction of 180 nos. of running water fish culture units.	7.209
Grand Total		50.201



Circular trout rearing (flow-through) pool



NFDB Funded Trout Hatchery

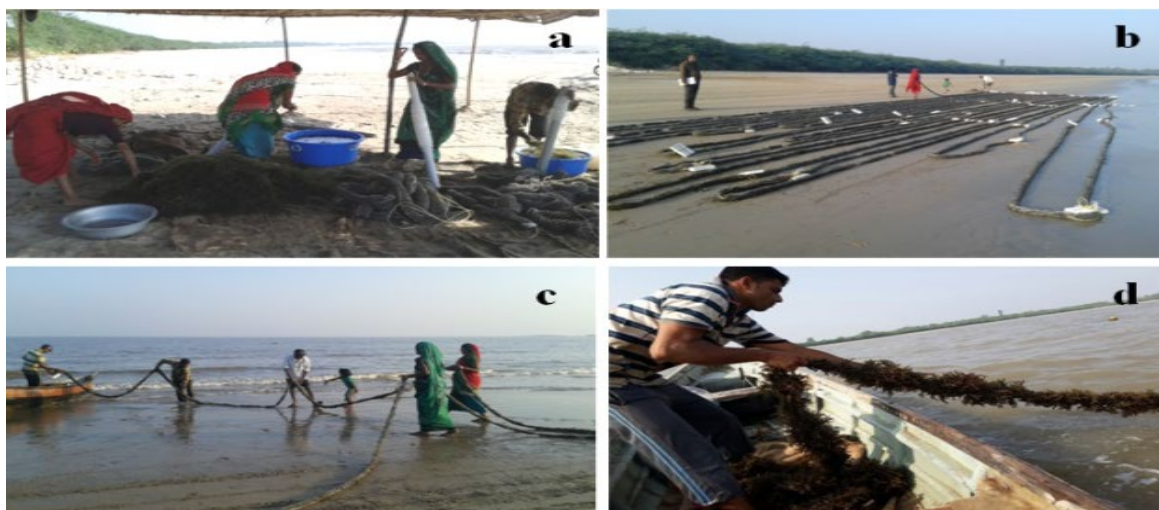


3. Seaweed Cultivation:-

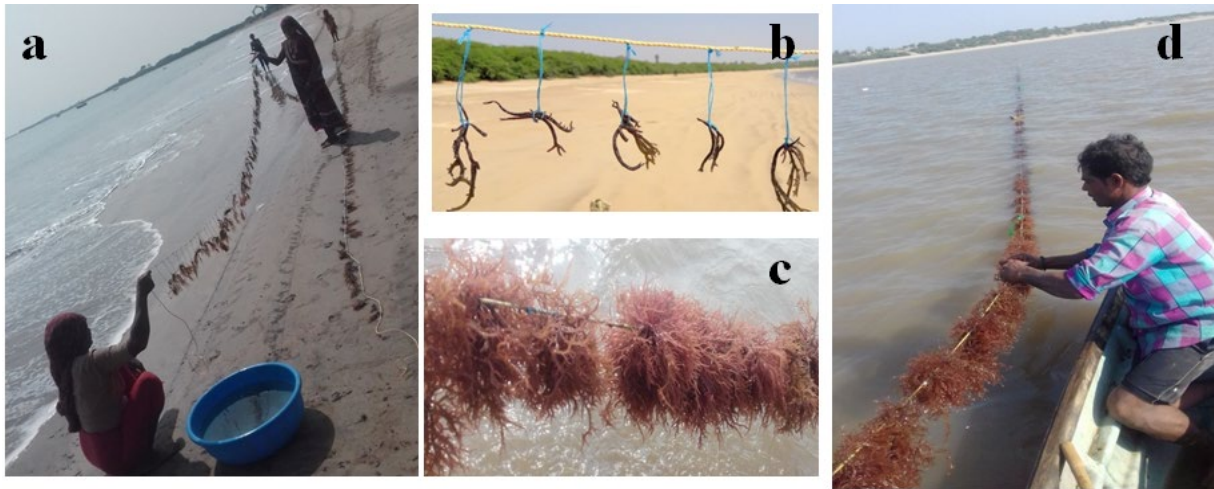
Seaweed cultivation has tremendous potential all along the Indian coast. Seaweeds are rich in vitamins and minerals and are consumed as food in various parts of the world and used for the production of phytochemicals, viz., agar, carrageenan and alginate, which are widely employed as gelling, stabilizing and thickening agents in several industries of food, confectionery, pharmaceutical, dairy, textile, paper, paint, etc. Seaweeds such as *Gracilaria dura*, *Gracilaria edulis*, *Hypnea musciformis*, *Kappaphycus alvarezii*, *Enteromorpha flexuosa* and *Acanthophora spicifera* can be successfully cultivated along the Indian coast.

To fulfill the increasing demand of raw materials from fast growing agar and algin manufacturing industries in India, NFDB extended financial assistance of Rs. 122.64 lakh for promotion of the commercial Seaweed cultivation during year 2017-18 as given below:

Implementing Organizations/ Institute	Project Components	Sanction Year	Released Amount (Rs. in lakh)
CSIR- CSMCRI, Bhavnagar, Gujrat	"Farming of red Seaweed <i>Gracilaria dura</i> on Gujarat Coast for promoting inclusive economic growth in Coastal rural settings" for a period of 1 year (Under TUP)	2017-18	40.304
CSIR-CSMCRI	Seaweeds Mass Culture of spores and supply of plantelets for commercial cultivation of seaweeds (<i>Gracilaria edulis</i>) in the coastal area of Ramanathapuram District to be implemented by CSIR-CSMCRI Mandapam camp Tamil Nadu	2017-18	46.34
DoF, Tamil Nadu	Mariculture - Seaweed cultivation along the coast of Ramanathapuram Distt. of Tamil Nadu towards alternative livelihood program to enhance economic condition of marine fisherwomen	2017-18	36.00
	Grand Total		122.64



*NFDB funded Seaweed cultivation depicting various stages of *K. alvarezii* cultivation activities; a) Loading of seed material in tubular net; b) Tying of floats to tubular nets; c) Loading of tubular nets to farm; d) Removal of tubular nets from farm for harvesting*



a) Women beneficiaries showing the tubular net; b) Seed material; c) Harvesting the tubular nets from the culture site; d) Removal of tubular nets from farm for harvesting

4. Innovative Projects:-

Innovative activities broadly cover fisheries management, conservation, induction of new technology in fishing and allied activities including onboard handling of fish, diversification of species to enhance the production and productivity, new technologies in mariculture, fish culture, Re-circulatory Aquaculture Systems (RAS) with a minimum capacity of 500 tonnes/ year, cage/pen culture including auto feed technology, energy efficient operation of post-harvest infrastructure facilities such as FHs/ FLCs etc., fisheries waste management, improvement in hygienic conditions of the post-harvest infrastructure facilities including deboning machine etc., post-harvest processing and value added products, promotional activities and any unforeseen activities etc.

During the financial year 2017-18, NFDB has released an amount of **Rs. 49.06 lakh** to support the following Innovative Projects:

Implementing Organizations/ Institute	Organization	Project Components	Sanctioned Year	Sanctioned Amount (Rs. in lakhs)
Kerala	CMFRI, Visakapatnam	Demonstration of pond culture technology for two high value marine fin fishes(Orange Spotted Grouper and Indian Pompano)	2017-18	19.51
Tamil Nadu	Registrar, TNJFU, Nagapattinam	Creation of Aqua One Centre at Ramanathapuram centre for Sustainable Aquaculture, Mandapam	2017-18	2
Tamil Nadu	Registrar, TNJFU, Nagapattinam	Establishment of Aquaponics unit for training and demonstration to fish farmers	2017-18	2.132

Implementing Organizations/ Institute	Organization	Project Components	Sanctioned Year	Sanctioned Amount (Rs. in lakhs)
		at KVK Sikkal, Nagapattinam		
Tamil Nadu	Registrar, TNJFU, Nagapattinam	Establishment of Demonstration Units of Hatchery, Nursery and Grow Out systems for incubates in Aquatic Rainbow Technology park (ARTP) at TNJFU Madhavaram Campus Chennai using RAS Technology	2017-18	10
Tamil Nadu	Registrar, TNJFU, Nagapattinam	Recirculatory Aquaculture System RAS	2017-18	4.816
Tamil Nadu	Registrar, TNJFU, Nagapattinam	Technology demonstration unit of Azolla as feed supplement to GIFT Tilapia at Advance Research Farm Facility, Madhavaram, TNJFU Campus	2017-18	0.602
Tamil Nadu	Registrar, TNJFU, Nagapattinam	Upscaling of Biofloc Production Technology for Developing Eco Feed for Vannamei Shrimp Culture	2017-18	10
Grand Total				49.06

5. Other Activities:-

a) Technology Up gradation Project (TUP):

Financial assistance of Rs. 653.27 lakh was extended to various ICAR Fisheries Research Institutes from NFDB for implementation of different Technology Upgradation Project as mentioned below:

Implementing Organizations/ Institute	Project Components	Sanction Year	Released Amount (Rs. in lakh)
CIFA, Bhubaneswar	Demonstration of Efficacy of Carp Brood stock Diet CIFABROODTM in increasing quality seed production of Indian Major carps in selected states of India to be implemented by ICAR-CIFA, Bhubaneswar	2017-18	10
CIFA,	Dissemination of minor carp production	2017-18	26.58

Implementing Organizations/ Institute	Project Components	Sanction Year	Released Amount (Rs. in lakh)
Bhubaneswar	technology and its refinement for greater adoptability by the aquaculture farmers to be implemented by ICAR-CIFA, Bhubaneswar		
ICAR-CMFRI	Enhancing production of Cobia (<i>Rachycentron canadum</i>) through the establishment of brood bank, supply of larvae to State for seed production (Under TUP)	2017-18	171.67
ICAR-CMFRI	Enhancing production of farmed silver Pompano (<i>Trachinotus blochii</i>) through the establishment of brood bank, supply of larvae to State for seed production (Under TUP)	2017-18	361.6
CIFE, Mumbai	Project on Fisheries enhancement in Maharashtra through seed production and pen culture in rivers Vaitarna and Bhatsa for livelihoods and nutritional security among the trig bal community.	2014-15	7.82592
ICAR-CIBA	Technology Upgradation Programme on "Optimization of aerators use to reduce production cost of shrimp under different brackish water farming system" (Under TUP)	2016-17	11.15
CIFA	Technology up-gradation programme on Up-gradation and dissemination of striped murrel seed production technology by CIFA (Under TUP)	2016-17	18.66
IFSI, CIFRI	Three day congress and International Symposium on 29th All India Congress of Zoology & international Symposium on "Culture Based Fisheries in Inland Open Waters" & Satellite Symposium on "Fish Immunology" During 9-11 June 2017 at ICAR - CIFRI, Barrackpore, Kolkata, West Bengal (Under TUP)	2017-18	1.00
CIFA, Bhubaneswar	Upscaling & demonstration of Nursery & grow out carp feeds developed by ICAR-CIFA to be implemented by ICAR-CIFA, Bhubaneswar	2017-18	5.9787
ICAR-CIBA	"Upgradation of breeding and culture technology of Indian white shrimp <i>F. indicus</i> through stock evaluation and culture demonstration". (Under TUP)	2013-14	14.4
ICAR-CIBA	Evaluation and refinement of indigenous automatic feed dispensers for shrimp farming by Central Institute of Brackish water Aquaculture (Under TUP)	2016-17	17.98

Implementing Organizations/ Institute	Project Components	Sanction Year	Released Amount (Rs. in lakh)
CMFRI	Technology demonstration project on "Development of pearl spot seed production, training facility and establishment of satellite centres in prospective farmer's fields" by KVK, Ernakulam for seed production in 2 farmers ponds (Rs. 12.525 lakh) and taking up of 3 days hands on training to 20 farmers as ToTs (Under TUP)	2015-16	6.427
Grand Total			653.27

b) Development of Ornamental Fisheries

The Indian Ornamental fish business is mostly with fresh water fishes (90%), of which 98% are cultured and 2% are captured from the wild, but they are mostly exotic species and based on wild collection. The remaining 10% of total ornamental fish trade comes from marine fishes, of which, 98% are captured and 2% are cultured. Hence, with the aim to discourage the reliance on wild collection and to encourage captive breeding for sustainable growth, livelihood improvement and to enhance foreign exchange in the sector.

Ornamental Fish Brood bank/Ornamental Aquatic Plant /Backyard hatcheries/Medium scale/ Integrated Ornamental Fish Units: -

During the FY year 2017-18, an amount of Rs. 171.4656 Lakh was released for setting up of 307 Ornamental fish units to various states and renovation of 1 Ornamental unit at Tamilnadu.

Capacity building programme under ornamental fisheries:

During FY 2017-18, for conducting training programme NFDB has released Rs.11.302 lakh in the states of Assam, Bihar, Karnataka, Kerala, Maharashtra and Tamil Nadu.



NFDB Assisted Ornamental Fish Breeding Unit at Kodagu, Karnataka

Implementing States	No. of Units	Amount Released (Rs. in lakh)
Assam	48	58.8
Bihar	21	14.22
Karnataka	06	6.3648
Kerala	80	24.00
Maharashtra	13	18.1488
Tamil Nadu	05	19.752
West Bengal	135	30.18
Grand Total	308	171.4656

6. Wetland projects:

Floodplain wetlands form the prime fishery resource in the state of Uttar Pradesh, Bihar, West Bengal, Assam, Manipur, Tripura, Arunachal Pradesh and Meghalaya, where they are commonly known as beel, moan, tal, jheel, pat boar, chaur, etc. Most of these wetlands are directly or indirectly linked to rivers. Of these, wetlands associated with flood plains of rivers cover an estimated area of 3.54 lakh ha and are a common feature of the Indian landscape, especially along the Ganga and Brahmaputra river systems. Effective management of prevailing aquatic weeds and rational stocking of selected fast growing fish species in these water bodies have emerged as the two most important core issues towards fisheries enhancement of these water bodies. Hence with a view to increase fish productivity in these wetland from existing 300-400kg/ha to 1000kg/ha through pen/cage culture, NFDB has extended financial assistance of Rs. 159.44008 Lakh to Bihar for development of wetland fisheries and increasing fish production in India.

Implementing Organization / Institutes	Project Components	Sanction Year	Released Amount (Rs. in lakhs)
Director, CIFRI	Fisheries Development in Kararia Wetland of Bihar through empowerment of communities and stakeholders participation for capacity Building and improved livelihood	2017-18	42.09012
Director, CIFRI	Fisheries Development in Majharia Wetland of Bihar through refinement of site specific fisheries enhancement technology	2017-18	49.22052
Director, CIFRI	Fisheries Development in Rulhi Wetland of Bihar through Stakeholders participatory fisheries Management Model in a sustainable Model	2017-18	37.77572
Director, CIFRI	Fisheries Development in Sirsa Wetland of Bihar through in-situ fish seed rearing and fisheries enhancement techniques for tapping fish	2017-18	30.35372

Implementing Organization / Institutes	Project Components	Sanction Year	Released Amount (Rs. in lakhs)
	production potential		
Grand Total			159.44008



CIFRI-HDPE pen installation



A haul of P. hypophthalmus in cages

7. Quality Fish Seed Programme (Fish Farming Network System) undertaken by NFDB:-

Quality fish seed is one of the key inputs for augmenting fish production. Though advances have been made in domestication of species and induced breeding technique had enabled us to breed fishes in captivity, prolonged use of the breeders resulted in genetic deterioration of Indian Major Carps in hatcheries across the country resulting inbreeding and poor growth. With use of good quality seed only, aquaculture production can be enhanced as much as 15-20% without additional input or cost.

The proposed program aims to establish a revenue generating, stable and reliable network of Multiplication Hatcheries, Fish Seed Grower and Fish Farmer for effective dissemination of improved varieties in the farming system. NFDB has collaborated with ICAR - CIFA and KVAFSU for dissemination of improved varieties like Jayanti Rohu and Amur Carp in the farming system of India.

Objectives:

- 1) To establish a revenue generating, stable and reliable network of Multiplication Hatcheries, Fish Seed Grower and Fish Farmer.
- 2) To create awareness about quality fish seed, and the need for accreditation and certification system.
- 3) Establish a reliable network of hatcheries, Fish Seed Growers and Farmers for increasing fish production in sustainable manner
- 4) Create a fish seed traceability system with ICT support services.

- 5) Dissemination of quality fish seed including improved varieties in farming system.
- 6) To demonstrate best practices for quality fish seed production, rearing and farming.
- 7) Provide Advisory Service and Inputs Support to farmers.

Field Demonstration Programme:

During the Financial year 2017-18, NFDB has taken up programme for dissemination and promulgation of “Jayanti Rohu” and “Amur common carp”, the genetically improved fish varieties in Aquaculture system of India. In order to popularize these varieties, NFDB has taken up field demonstrations through interested KVKs. In view of this, NFDB has floated an Expression of Interest (EoI) with stipulated terms of references.

The demonstrations are going on in 40 Nos. of KVK, 113 Nos farmers in 17 States covering total area of 161.22 Ha.

8. Introduction to Aqua One Center (AOC): An ICT Enabled Aquaculture Support Service:-

NFDB has introduced a new concept to set up “AOC” as a service delivery mechanism to supplement the efforts of public sector. It is an ICT enabled aqua farming support services to farmers. NFDB has sanctioned 72 AOCs to 5 firms across 14 states. A total of 34 AOCs have been established at Andhra Pradesh, Telangana and Karnataka. 16 AOC have registered 151 farmers covering an area of 101.15 ha.

Strengthening of NFFBB: Completed the infrastructure works like Earth work for strengthening of dykes, borewell, Crab Fencing, Bird Fencing, Illumination of farm, Weed clearance and Leveling, Construction of approach road to peripheral bund adjacent to CIFA boundary.



Aqua One Centre



NFFBB Activities



Krishi Vigyan Kendra Demonstration activities

9. Modernization of Fish Landing Centers, Fishing Harbours and Post-Harvest Processing

a) Integrated cold chain development for marketing value added fish products at Bhimavaram, Andhra Pradesh:

NFDB funded Rs. 65.16 lakh and released Rs.13.03 lakh to M/s. Vijetha Marine Foods, Pvt. Ltd., Bhimavaram, Andhra Pradesh towards development of integrated cold chain for marketing value added fish products. The unit comprises of fish cleaning machine, bone saw cutter, vaccum packing machine, blast freezer for raw fish & prawn, contact freezer, data coding machine, cold storage with 20-25 tonne capacity, waste treatment plant and insulated truck. All the components were installed, completed and functioning well.



Cold Storage Unit at Bhimavaram



Fish Processing

b) Fish Market at Thevara, Ernakulam, Kerala:

Fish market is funded by National Fisheries Development Board. The market is completed and functioning well. The market is in the midst of the residential locality and beside the main road, having good connectivity. The existing market is having 27 stalls and covered drainage system.



c) Fish Market at Kazhakottam, Trivandrum:

Fish market is funded by National Fisheries Development Board and is completed and inaugurated. It is functioning successfully. The market is having all the facilities like water connection, electrical and drainage. Out of 93 stalls, most of them are occupied by the fish vendors and around 30 stalls are occupied by the vegetable vendors.



Fish Market Kazhakottam, Trivandrum

10. Domestic Marketing

In India, about 15% of the total fish landing in the country both from marine and inland sectors, is utilized for export of fishery products and the remaining about 85% is distributed through domestic markets through a network of wholesale, major, minor retail, roadside markets, etc. The majority of domestic markets are unhygienic and the fish storing and handling facilities are poor. There is also a lack of proper transportation system including roads, refrigerated vehicles, etc. Availability of potable water, good quality ice, electricity, waste disposal system, etc. is inadequate. There is considerable time lag during the transportation of fish from the landing centre to the interior markets which results in poor quality of material leading to food borne diseases, nutritional and post-harvest loss. Hence, to ensure nutritional & food security, minimize post-harvest losses, increase revenue, enhance employment opportunities and to maintain high standards of hygiene

and sanitation leading to food safety during handling, transportation and marketing of fish, during the year 2017-18, under domestic marketing, emphasis was given to construct new fish markets and to modernize/renovate the existing fish markets through various agencies like Municipalities, State Fisheries Departments, Federations and Corporations.

During year 2017-18, financial assistance of **Rs. 983.855 lakh** was released to various implementing agencies/beneficiaries for construction of Modern & Hygienic wholesale /retail fish market, retail fish outlets, modernization/renovation of existing fish market and for conducting workshops / melas etc.

Out of which **Rs. 926.208 Lakh** was extended for construction of Modern & Hygienic wholesale/retail Fish Market, retail fish outlets, **Rs. 36.217 Lakh** was released for modernization/renovation of existing fish market and **Rs. 21.43 Lakhs** for conducting Gramodaya Mela, KisanKalyan Mela& Trade Fair etc.



NFDB funded Mobile Fish Retail Van, Vasco, Goa



Interior of NFDB funded Mobile Fish Retail Van, Vasco, Goa



Live-fish carrier system developed by CIPHET, Lucknow with NFDB assistance

Implementing States / Organizations	Project Components	Sanction Year	Released Amount (Rs. in lakh)
DoF, Andaman & Nicobar	Hygienic wholesale cum retail fish market at Junglighat, Port Blair, South Andaman in an area of 386.00 sqm to be constructed as single storied, RCC structure with sheet roofing, to handle fish 2 tons / day, @ 80 to 150 kg/ vendor. (Estimated cost of Rs.1,17,09,625/-)	2014-15	38.44
DoF, Assam	Construction of whole sale fish cum retail market at Howly Town, Barpeta District, Assam	2014-15	62.568
DoF, Assam	Construction of whole sale fish market at Goalpara Dist, Assam	2014-15	63.84
DoF, Assam	Construction of wholesale fish market at Dhubri, Gauripur Dt, Assam	2015-16	31.045
DoF, Bihar	Purchasing fish transport vehicles (32 insulated trucks, 800 motorcycles with ice box, 3200 bicycles with ice box) for members of Fisheries Cooperative Societies of Motihari and Khagaria Districts	2017-18	126.72
Vivid India Advertising & Marketing, Delhi	Participation in India International Trade Fair (IITF) -2016 during 14th to 27th November 2016 at Pragati Maidan, New Delhi	2017-18	0.62
Deendayal Research Institute, Madhya Pradesh	NFDB participation in "Gramodaya Mela" during 24th to 27th February, 2017 at Chitrakoot, Madhya Pradesh	2016-17	0.81
DoF, Meghalaya	Construction of Modern & Hygienic Fish Market at Nongpoh, RiBhoi District	2015-16	45.34
National Organization (NIRD)	Mega 13th Rural Technology and Crafts Exhibition to be held on 24th-28th November, 2016 at Rural Technology Park (RTP) NIRD, Hyderabad (Co-Sponsorship with NFDB)	2017-18	10.00
ICAR Research Complex for Eastern Region	Participation of NFDB at "Kisan Kalyan Mela 2017" from 15th - 19th April, 2017 Zila School, Motihari, Bihar for arrangements of food, registration material and other for 6000 farmers	2017-18	10.00

Implementing States / Organizations	Project Components	Sanction Year	Released Amount (Rs. in lakh)
DoF, Odisha	Establishment of modern hygienic retail fish market at Danipali, Sambalpur town in an area of 0.0364 ha with 24 Stalls executed by Sambalpur Municipal Corporation in one year.	2015-16	19.81901
DoF, Odisha	Establishment of new minor retail fish market complex (with 5 kiosks)	2015-16	10.86
DoF, Tamil Nadu	Construction of retail fish market at Pudupet in Attur Municipality, Salem Dt., Tamilnadu with 18 retail shops. The fish handling capacity is 4T/day	2015-16	34.668
DoF, Tamil Nadu	Construction of fish market at Kottaiorsalai-Kalanivasal, Karaikudi Municipality, Sivagangai Dt, Tamilnadu	2016-17	36.00
DoF, Tamil Nadu	Construction of fish market at Marthandam, Khuzhuthurai Municipality, Kanyakumari District, Tamil Nadu	2016-17	43.92
DoF, Tamil Nadu	Construction of retail fish market at Mettur, Salem Dist., Tamil Nadu at a project cost of Rs. 45.00 lakh for supply of hygienic fish to consumers and to benefit the KK98 Mettur FCS members.	2015-16	15.48
DoF, Tamil Nadu	Construction of fish retail market at Dharapuram Municipality, Tiruppur region with 45 medium size stalls (2.4 X 2.4 m) and provisions for ice plant, chill room, internal drainage, electrification, water supply, toilet block and Effluent treatment plant at a project cost of Rs. 100.00 lakhThe land 2.82 ha was owned by municipality	2015-16	33.48
DoF, Tamil Nadu	Construction of fish retail market at Paramkudi, Paramkudi Municipality, Ramanathapuram Dist., Tamil Nadu with 5T fish handling capacity and at a project cost of Rs. 100.00 lakh and in 0.1660 ha land owned by Municipal Commissioner, Paramkudi.	2015-16	36.00
DoF, Tamil Nadu	Construction of new fish market at Thopputhurai, Vedaranyam Municipality, Nagapatnam Dist. at a project cost of Rs. 30.00 lakh (16 outlets with STP,ETP and cold storage)	2015-16	5.898

Implementing States / Organizations	Project Components	Sanction Year	Released Amount (Rs. in lakh)
DoF, Tamil Nadu	Construction of new retail fish market at VadakuVadampokki street, Vedaranyam Municipality, Nagapatnam Dist. at a project cost of Rs. 50.00 lakh (32-retail stalls proposed. 4-5 tonne fish handling capacity per day with STP).	2015-16	9.718
DoF, Tamil Nadu	Construction of retail fish market (fish commercial shop) at Tharuvalkulam, Thoothukudi Dt, Tamil Nadu at a cost of Rs. 15.00 lakh. Implemented agency is Department of Fisheries.	2015-16	2.721
DoF, Tamil Nadu	Construction of retail fish market at Keeraikaraoorani street near UzhavarSanthai in Ramanthapuram Municipality, Ramanthapuram Dt. Tamilnadu with 27 stalls. The fish handling capacity is 8.5 T/day	2015-16	33.62
DoF, Tamil Nadu	Construction of retail fish market at Ranipet, Vellore Dt, Tamilnadu	2015-16	22.06
DoF, Tamil Nadu	Construction of retail fish market at Saralur, Nagercoil Municipality, Kanyakumari district at a cost of Rs. 83.60 lakh.	2015-16	29.453
DoF, Tamil Nadu	Construction of retail fish market at TVS Corner, Marupani Road, Pudukkottai Municipality, Tamilnadu with 20 retail shops. The fish handling capacity is 7-10 T/day and Land of 0.2 ha is owned by municipality	2015-16	19.332
Municipal Corporation, Tiruchirappalli	Establishment of modern whole sale fish market at WoraiyurKasivilangi Tiruchirappalli city with auction hall (300 Sq.mt) 25 retails stalls, one dry fish unit, water supply, internal electrification, ETP, Ice plant, chilled rooms, bore well with motors to handle 7.00 tons of fish per day at an estimated cots of Rs 332.00 lakh.	2015-16	90.00
DoF, Tamil Nadu	Modernization of existing fish market at Manjakuppam (Uppalavadi Society), Cuddalore district at a project cost of Rs. 22.50 lakh (19 retail stalls, renovation of cold storage room, toilet block, drying yard, septic tank, provision for rain water harvesting and ETP colour washing and painting) in the land belongs to Uppalavady Inland FCS.	2015-16	4.50

Implementing States / Organizations	Project Components	Sanction Year	Released Amount (Rs. in lakh)
DoF, Tamil Nadu	Renovation of retail fish market at Nagapattinam town, Nagapattinam Dt. Tamilnadu with 50 stalls at a project cost of Rs.50.00 lakh. The fish handling capacity is 40-50 T/day	2015-16	15.372
DoF, Tamil Nadu	Renovation of existing retail fish market at Aasath, Nagapatnam Municipality, Nagapattinam district in the land owned by municipality (with 21 stalls, electricity facilities) at a project cost of Rs. 40.00 lakh.	2015-16	13.60
DoF, Telangana	Setting up of Fish retail Outlet by Smt. D. Kalavathi of Mallampet Village, papannapet Mandal, Medak District	2017-18	2.00
DoF, Telangana	Setting up of Fish retail Outlet by Smt. Manemma of NTR Nagar, Ranga Reddy District	2017-18	1.67
DoF, Tripura	Construction of wholesale cum retail market (24 fresh fish stalls, 20 dry fish stalls and one ice plant) at Bishalagarh, Shipaijala district, Tripura.	2013-14	87.124
DoF, Uttar Pradesh	Renovation and establishment of Retail Fish market at Hastinapur, Meerut district, UP (renovation of 21 shops and establishment of 9 shops in existing fish market)	2013-14	2.745
West Bengal	Construction of wholesale fish market at Kalyani, Nadia Dt, West Bengal	2014-15	24.432
Grand Total			983.855

11. Cage Culture activities undertaken by NFDB

Cage culture is coming up as a promising venture and offers the fishers a chance for optimally utilizing the existing water resource which in most cases has limited use for other purposes. It is a low impact farming practice with high economic returns. There are wide prospects of culturing different species of finfish in cages.

In India cage culture was initiated by CMFRI since 2007 and within a decade, the technology has been standardized and widely accepted by fishers and farmers along the coastal districts of Kerala. Cage aquaculture involves growing fishes in existing water resources while being enclosed in a net cage which allows free flow of water. It is an aquaculture production system made of a floating frame, net materials and mooring system (with rope, buoy, anchor etc.) with a round or square shaped floating net to hold

and culture large number of fishes.

The ICAR-CMFRI has developed suitable design for cages in open sea and brackish waters with inputs from technical experts and has been simplified and popularized among farmers. Farming has also been demonstrated to individuals/ groups/ societies in Kerala. Suitable sites for cage installation, species, culture season, period, growth studies, feed, production and monitoring including better management practices have been standardized for cage farming in brackishwater areas in Kerala

The ICAR-CIFRI developed Cages that can be installed in reservoir, river and lake. A catwalk and handrail is built around a battery of floating cages.

Cage culture is a low impact farming practice with high returns. In view of the high production attainable, cage culture system can play a significant role in increasing the overall fish production in India.

Jharkhand State has taken the lead in commercialisation of cage culture in India. The cage culture initiative by *Chandil Bandh Visthapit Matsyajibi Swabalambi Sahkari Samiti* in Chandil Reservoir with the assistance of NFDB is a **Success Story** and other States are following suit.

During the FY 2017-18, NFDB has released an amount of **Rs. 210.67 lakh** to support the following Cage Culture Projects:

Implementing States / Organizations	Organization	Project Components	Sanction Year	Released Amount (Rs. in lakhs)
National Organization	CMFRI, Visakhapatnam	Cage culture demonstration of Orange spotted grouper in Andhra Pradesh using CMFRI technology	2017-18	37.08
National Organization	CMFRI, Kochi	Open water cage culture in selected district in Kerala and Karnataka by CMFRI	2017-18	132.87
Tamil Nadu	Registrar, TNJFU, Nagapattinam	Open sea cage culture of finfishes along the coast of Ramanthapuram Dist	2017-18	27.76
Manipur	DoF, Manipur	Implementation of cage culture in Manipur at Thanga and Sugnu village at Loktak and Kabongpat Lakes in Manipur	2017-18	12.96

Implementing States / Organizations	Organization	Project Components	Sanction Year	Released Amount (Rs. in lakhs)
Grand Total				210.67



Cages installed in Pataratu Reservoir, Jharkhand

VI. HUMAN RESOURCE DEVELOPMENT ACTIVITIES

During 2017-18, training was imparted to 21502 beneficiaries through 437 training programmes conducted by different Fisheries Institutions/KVKs/States/UTs with a budget outlay of Rs 460.70 lakhs.

Outcome:

- (i) Annual Action Plan for Skill Development: Trained 16050 nos. beneficiaries in 25 states in different activities like Pond culture, Reservoir Fisheries, Wetlands and Brackishwater aquaculture.
- (ii) Skill Development Training programme to 2500 beneficiaries on Open Sea Cage Culture in 9 States and 4 UTs.
- (iii) Two Special training programs to newly recruited Extension officers from different states in collaboration with MANAGE.52 officials were trained.
- (iv) Skill Development Training program to 25 beneficiaries on Hatchery Production Worker at Fishery Research Station (FRS) Palair, Khammam District, Telangana.
- (v) Skill Development Training program to 25 beneficiaries on Ornamental Fish Technician through TAFS, Udaipur, Rajasthan.
- (vi) Skill Development Training program to 25 beneficiaries on Aquaculture Technician in collaboration with TNJFU, Tamil Nadu
- (vii) Kerala: Capacity Building and Training on Tuna Long lining to 150 traditional fishers of Tamil Nadu by CIFNET, Kochi, Kerala

- (viii) Skill Development Training program to 1250 beneficiaries on Biofloc, Value Addition, Ornamental Fisheries and Crab Fattening in collaboration with TNJFU, Tamil Nadu.
- (ix) Skill Development Training program to 25 beneficiaries on Aquaculture Technician in collaboration with KVAFSU, Mangalore, Karnataka.
- (x) Skill Development Training program to 50 beneficiaries on Aquaculture Technician and Fisheries Extenuation in West Bengal in collaboration with WBYAFS.
- (xi) Skill Development Training program to 100 beneficiaries trained on Value addition, Fishery Waste Utilization and Feed Preparation in collaboration with CIFT
- (xii) Skill Development Training program to 200 beneficiaries on Conversion of Diamond Mesh Net Ends to Square Mesh Trawl Cod Ends in collaboration with NETFISH, MPEDA, Kochi, Kerala.
- (xiii) Hands on training on Live Feed Production Technologies for Marine Finfish and Shellfish 150 beneficiaries in Andhra Pradesh in collaboration with CMFRI, Vishakhapatnam, Andhra Pradesh.
- (xiv) One day Workshops on Quality Fish Seed Production in 6 (Andhra Pradesh, Assam, Bihar, Jharkhand, Karnataka and Telangana) states to benefit of 900 fish farmers.
- (xv) Recognition of Prior Learning (RPL) under Pradhan Mantri Kaushal Vikas Yojana (PMKVY) for Skill Development of Fisheries Sector as per ASCI-Qualification Packs initiated in collaboration with seven ASCI affiliated institutes to train 12500 beneficiaries.



Chief Guest addressing the trainees, Bordumsa, Arunachal Pradesh



Inaugral speech by S.P.Singh, DoF, Mizoram during the Skill Development Programme



Skill Development Training Programme on Reservoir Fisheries Management at Tamil Nadu



Skill Development training on Pond Aquaculture, Nasik, Maharashtra 2017-18



Certificate distribution during the training programme



Participants During the Training Programme

VII. MEETINGS, SEMINARS AND WORKSHOPS CONDUCTED / PARTICIPATED

NFDB conducted/ participated in various Meetings/ Conferences, Seminars and Workshops during 2017-18 as follows:

Projects Implementation in North Eastern States – First Zonal Review Meeting held at Guwahati, Assam:

The Zonal Review Meeting on 'Implementation of Projects under Blue Revolution in North Eastern States' was held on 15 June 2017 at the Northeast Regional Centre of NFDB, in the campus of NIRD&PR, Guwahati, Assam, under the Chairmanship of Shri Aditya Kumar Joshi, Joint Secretary (Fisheries), Dept. of Animal Husbandry, Dairying & Fisheries (DADF), Ministry of Agriculture & Farmers Welfare, Govt. of India, & Chief Executive, NFDB, Hyderabad. Thirty five officials including Directors and representative from Directorates of Fisheries of North Eastern States participated in the review meeting and discussed about the status of Schemes under Blue Revolution in North Eastern States. Dr. B.K. Chand, Executive Director (Tech), Shri Chandan Chetri, Sr. Executive (Technical),

NFDB, Hyderabad, and Shri S.K. Rath, Assistant Commissioner (Fisheries), DADF, GoI, also took part.



First Zonal Meeting to review implementation of fisheries projects in North Eastern States held on 15 June 2017 at NFDB-NERC, Guwahati, Assam

Stakeholders consultation for ‘National Inland Fisheries and Aquaculture Policy’ held at Guwahati, Assam

A Stakeholders Consultation for formulation of draft ‘National Inland Fisheries and Aquaculture Policy’ (NIFAP), was held on 16th June 2017 at the Northeast Regional Centre of NFDB, in the campus of NIRD&PR, Guwahati, Assam. More than 75 stakeholders and experts participated in the consultation workshop. The inaugural session was chaired by Shri Aditya Kumar Joshi, JS (Fy) DADF & Chief Executive, NFDB, Hyderabad. Dr. Dilip Kumar, Ex-Director & Former Vice- Chancellor, ICAR-CIFE, Mumbai, the Chairman of the committee for formulation of the Policy; Shri Manash Choudhury, Deputy Advisor (Fisheries), NITI Aayog, Govt. of India; Shri S.K. Rath, Assistant Commissioner (Fisheries), DAHDF, GoI, Directors of ICAR-CIFE, CIFA, CIFRI and officials from officials from Department of Fisheries of the North Eastern States, NFDB officials, stakeholders such as farmers from different parts of Assam, fishers of wetlands, representatives of different NGO’s working in Assam also participated in the workshop.



Release of document ‘Roadmap for Fisheries’



Discussion among stakeholders, officials and farmers during the National Inland Fisheries and Aquaculture Policy

Training programme on ‘Aquatic Animal Health Management in Aquaculture’ conducted at College of Fisheries, Raha, Assam

Under the NFDB funded major project ‘National Surveillance Programme on Aquatic

Animal Diseases’ (NSPAAD), one-day training programme on ‘Aquatic Animal Health Management in Aquaculture’ was conducted on 10 April 2017 at College of Fisheries, Assam Agricultural University, Raha, Assam. 50 farmers from Nagaon and Morigaon districts of Assam participated in the training programme. A Training Manual on ‘Fish Disease in Aquaculture- Clinical Signs and Control Measures’ was published and distributed among the trainees.



Expert taking the training class during the programme.



Participants during the training programme.

First meeting of the Technical Management and Advisory Committee on NFDB-NFFBB held at Krishi Bhavan, New Delhi:

The first meeting of the Technical Management and Advisory Committee (TMAC) constituted to review the activities of the National Freshwater Fish Brood Bank (NFFBB), a project undertaken by the NFDB at Kausalyaganga, Bhubaneswar, Odisha, was held on 18 May 2017 at Krishi Bhavan, New Delhi. The meeting was chaired by Shri Aditya Kumar Joshi, Joint Secretary (Fy), DADF and Chief Executive, NFDB. Dr. B.K. Chand, Executive Director (Tech), NFDB, made a detailed presentation on activities and status of the NFDBNFFBB Project.



The first meeting of the TMAC chaired by Shri Aditya Kumar Joshi, Joint Secretary (Fy), DADF and Chief Executive, NFDB



Members of the Committee of the TMAC, at Krishi Bhavan, New Delhi

National Consultation Meet on ‘Mariculture and Open Sea Cage Culture Development in India’ held at CMFRI, Mandapam, Tamil Nadu

A two-day National Consultation Meet on ‘Mariculture and Open Sea Cage Culture Development in India’ was organized by the Dept. of Animal Husbandry, Dairying & Fisheries (DADF), Govt. of India, in collaboration with NFDB and the Central Marine

Fisheries Research Institute (ICAR-CMFRI), during 8-9 June 2017 at the Regional Centre of CMFRI, Mandapam, Ramanathapuram district, Tamil Nadu. Shri Devendra Chaudhry, Secretary, DADF, inspected sites where Seaweeds (Macroalgae) were being grown in shallow coastal waters by Self Help Groups and fishers. Dr. CRK Reddy, Chief Scientist, Central Salt & Marine Chemicals Research Institute (CSIR-CSMCRI), Bhavanagar, Gujarat, explained to the Secretary about the technology involved in Seaweed Cultivation and the process of preparing various products from Seaweeds.



Shri Devendra Chaudhry, Secretary, DADF, inspecting Seaweeds cultivated on rafts while Dr. CRK Reddy, Chief Scientist, CSMCRI, explains about the technology



Shri Devendra Chaudhry, Secretary, DADF, inspecting Open Sea Cages while Scientists of CMFRI explain about the technology

Fisheries Officials and Students from Manipur visit NFFBB, Bhubaneswar:

A group of Fisheries Officials and Students from Manipur visited NFFBB Kausalyaganga, Bhubaneswar, Odisha, on 15 June 2017. Dr. Radheyshyam, Senior Consultant (Fisheries) briefed the group about NFFBB activities and other aspects of fish culture and brood fish rearing. He also explained about the different Schemes launched under Blue Revolution.



Dr. Radheyshyam, Senior Consultant (Fisheries) briefing Fisheries Officials and Students from Manipur during their visit to NFFBB, Bhubaneswar, Odisha

‘International Yoga Day’ observed at NFDB, Hyderabad

International Yoga Day was observed on 21 June 2017 at NFDB. All the Officers, Consultants, Office Staff including outsourced workers participated in the programme.

Yogacharya Shri M. Rama Krishna, Physical Director in Yoga from Yoga Sadhana Kendra, Hyderabad, was requested to conduct Yoga Session for the Officers and Staff in NFDB premises. Shri Rama Krishna along with his four disciples Mr. K. Yadagiri Yadav, Mr. C. Siva Krishna, Ms. Hima Bindu and Ms. Sri Vidya visited NFDB, and after a brief introductory talk on the benefits of yoga, the team from 11:00 to 12:00 hours demonstrated and imparted training session on yoga in the lawns of NFDB. All the Officers and Staff of NFDB participated with great enthusiasm and performed various Yoga Aasanas.



Yoga Aasanas being practiced by Officers and Staff of NFDB on the occasion of International Yoga Day on 21 June 2017 in the premises of NFDB, Hyderabad

VIII. CONDUCTING /PARTICIPATING IN FISH FESTIVALS/MELAS

Participation in Krishi Mela and Exhibition held at Gandhi Maidan, Motihari, Bihar from 18th to 22nd April, 2017:

The Krishi Mela and Exhibition was held at Gandhi Maidan, Motihari, Bihar on the occasion of Champaran Satyagraha celebrations from 18-22 April, 2017. National Fisheries Development Board (NFDB) was allotted with 3 stalls in the DAHD&F pavilion for showcasing the exhibits, programmes and activities related to fisheries sector during the exhibition. NFDB stall was prepared and represented by Dr. Radheyshyam, Sr. Consultant (Fy) and Mr. Taru Haapa (Intern) and explained activities and schemes of NFDB.

Participation in ‘Aqua Aquaria India-2017’ at Nehru Maidan, Mangalore, Karnataka from 14th to 16th May 2017:

The ‘Aqua Aquaria India-2017’ was organized by MPEDA, a nodal agency of the Union Ministry of Commerce and Industry at Nehru Maidan, Mangalore, Karnataka from 14th to 16th May 2017. Dr. Ajay Pandey, Consultant (M&E) & Shri. M. Vishwas Rao, Jr. Consultant (Fy) arranged NFDB stall and explained schemes and activities of National Fisheries Development Board.

‘Aqua Aquaria India -2017’ the largest aquaculture and aquarium show in Asian region– was

organized by MPEDA, a nodal agency of the Union Ministry of Commerce and Industry from 14th-16th, May 2017 at the Nehru Maidan, in Mangalore, Karnataka. “Diversification in sustainable aquaculture” was the focal theme of the exposition. The objective of the show was to motivate farmers to adopt the latest technologies for enhancing aquaculture and ornamental fish production for exports and creating employment. The 3-day event comprised technical sessions conducted by national and international experts on aquaculture and ornamental fish culture, exhibition by farming community, manufacturers/suppliers of aquaculture and ornamental fish culture equipment, aquaculture technology providers, cold chain and storage systems, fishing equipment, aquarium, feed and feeding ingredients/pharmaceuticals, pest control systems, besides, Government departments, cooperatives and associations.



Participation in National Level Agriculture Exhibition, ‘7th Krishi Fair 2016’ from 04-08 June 2016 at MukதாகashRangamanch on Saradhabali near Shree Gundicha Temple, Puri Town, Odhisa:

NFDB has participated in National Level Agriculture Exhibition, ‘7th Krishi Fair 2016’ held at MukதாகashRangamanch on Saradhabali near Shree Gundicha Temple, Puri Town, Odhisa from 04-08 June 2016. The NFDB stall was arranged by Dr.N. John Samuel, Consultant (Tech), Mr.B. Bhogeshwar Chirwatkar, Intern along with officials from NFDB-NFFBB, Bhubaneswar, Odisha. The activities and schemes of NFDB were explained to all the visitors.



View of the Exhibition site at Puri, View of the NFDB stall with posters and NFDB team

Participation in “Textile India 2017” held at Gandhinagar, Gujarat from 30th June to 2nd July, 2017:

The Textile India 2017 was organized at Gandhinagar, Gujarat from 30th June to 2nd July, 2017. The exhibition, “Textile India 2017” was inaugurated by Hon’ble Prime Minister of India, Shri. Narendra Modi at Gandhi Mandapam on 30th June 2017 and later visited the Theme Pavilion in Hall 1. During the exhibition period, the NFDB stall was visited by delegates, entrepreneurs and general public. The NFDB stall was arranged by Dr.N. John Samuel, Consultant (Tech) and NFDB’s objectives, activities, achievements and schemes towards the Blue Revolution were explained to guests, delegates and visitors. Young entrepreneurs showed more interest in taking up fish farming and interested to avail central assistance under Blue Revolution.



Participation in Exhibition of National Oilseed Kisan Mela held at ICAR-Indian Institute of Oilseed Research, Rajendranagar, Hyderabad during 10.09.2017 and 11.09.2017:

On the occasion of National Oilseed Kisan Mela an Exhibition was organized at ICAR-Indian Institute of Oilseed Research, Rajendranagar, Hyderabad from 10th to 11th September, 2017. The stall was arranged and represented by Dr.N. John Samuel, Consultant, Dr. M. Vishwas Rao, Jr. Consultant, Ms. Sreerenu Hariharan, Executive Assistant (Tech) and Ms.Dorothy, Executive Assistant (Tech). Explained NFDB schemes and activities to all the farmers and visitors during the two day Mela.



Participation in 21st edition of the India International Seafood Show (IISS) held at Fatorda, Marga, Goa from 27th to 29th January, 2018:

The 21st edition of the India International Seafood Show (IISS) was held at Fatorda, Open Sports Complex ground, Marga, Goa from 27th to 29th January, 2018 organized by The Marine Products Export Development Authority (MPEDA). The NFDB stall (G-15) was arranged by Shri.G. Rathinaraj, Executive Director (Tech) and Dr.N. John Samuel, Consultant (Tech). The IISS was inaugurated by Hon'ble Chief Minister of Goa, Shri Manohar Parrikar at Ravindran Hall, Fatorda, Marga, Goa.



Participation in Krishi Unnati Mela 2018 held at Mela Ground, IARI, Pusa, New Delhi from 16th to 19th March, 2018:

The Krishi Unnati Mela 2018 was organized at Mela ground, IARI campus, Pusa, New Delhi from 16th to 19th March, 2018. The Krishi Unnati Mela was inaugurated by Hon'ble Agriculture Minister, Shri Radha Mohan Singh in presence of in Hon'ble MoS on 16.03.2018. Hon'ble Prime Minister visited the Exhibition and addressed the farmers and gathering on 17.03.2018. The Mela was attended by large number of farmers from all over the country. A separate pavilion was set up for fisheries named "Neeli Kranti" where around 20 different stalls were set up by states, institutes and entrepreneurs during the Mela. The NFDB stall was arranged and represented by Shri.G. Rathinaraj, Executive Director (Tech), Dr.N. John Samuel, Consultant (Tech), Dr.T.V. Suresh, Consultant (Tech) and Dr. Ajay Pandey, Consultant (M&E).



IX. Celebration of (i) Independence Day, (ii) Republic Day, (iii) National Fish Farmers Day, (iv) World Fisheries Day, and (v) Hindi Saptah

(i) Independence Day Celebration

The 71st Independence Day of India was celebrated on 15 August 2017 at NFDB, Hyderabad, Smt. I. Rani Kumudini, Chief Executive, NFDB hoisted the National Flag which was followed by rendering of the National Anthem and a brief address by the CE. All the Officers and Staff participated enthusiastically.

(ii) Republic Day Celebration

The 69th Republic Day of India was observed at the NFDB, Hyderabad with solemnity and reverence on 26th January 2018. The National Flag was hoisted by Smt. I. Rani Kumudini, Chief Executive, NFDB followed by rendering of the National Anthem by one and all. Smt. I. Rani Kumudini, Chief Executive, NFDB in her address urged the Officers and Staff to strive hard for achieving the targets set under the 'Neel Kranti Mission' (Blue Revolution).

(iii) National Fish Farmers Day Celebrated

July 10 has been declared as the National Fish Farmers Day to commemorate the first success achieved in induced breeding (Hypophysation) of Carps in India on 10th July 1957 at Angul in Odisha by Dr. Hiralal Chaudhuri under the guidance of Dr. K.H. Alikunhi, Head, 'Pond Culture Division', CIFRI, Cuttack, Odisha (presently CIFA, Bhubaneswar). Also, it was on 10 July 2006 that NFDB was established and it is observed as NFDB Foundation Day. To mark the occasions a workshop on Strategies for achieving self-sufficiency in seed and fish production in Telangana cum exhibition was organized at NFDB in which all the Officers and Staff of NFDB besides Officials from the Dept. of Fisheries, Fisherwomen SHG Members, etc. participated. Dr. C. Suvarna, IFS, Commissioner of Fisheries, Govt. of Telangana was the Chief Guest. Smt. I. Rani Kumudini, Chief Executive, NFDB, recounted what the NFDB has done during the last 11 years and what it ought to do next.



Dignitaries on the Dias



Participants during the workshop and National Fish Farmers Day, 2017

(iv) World Fisheries Day Celebrations

On 21st November 1997, the working fishermen and women representing World Forum of Fish Harvesters & Fish Workers from 18 countries met at New Delhi and established the World Fisheries Forum (WFF) advocating for a global mandate of sustainable fishing practices and policies. To commemorate this occasion, every year 21st November is celebrated all over the world as World Fisheries Day. In India, it is being celebrated for

the fourth consecutive year. This year the Department of Animal Husbandry, Dairying & Fisheries, Ministry of Agriculture & Farmers Welfare, Government of India, celebrated it on 21st November 2017 at the National Agricultural Science Centre (NASC) Complex, Pusa Road, New Delhi. The year's theme is "2022 Ka Hai Sapna ... Kisan Ki Aay Ho Dugna - Sankalp Se Siddhi".

Shri Radha Mohan Singh, Union Minister for Agriculture & Farmers Welfare inaugurated the World Fisheries Day Celebrations. Exhibition, technical sessions and information on Blue revolution Schemes are the main attractions of the event. On this occasion an exhibition, showcasing with different technological advances made and development achieved in Fisheries Sector was also organized and about 50 exhibitors were participated. In technical sessions, Subject Matter Experts, Progressive Farmers and Entrepreneurs made presentations on various topics in emerging areas related to Fisheries Development in the county for the benefit of the participants and the stakeholders at large, for achieving the envisaged fish production. Topics on components and targets of Blue Revolution, shrimp aquaculture, sustainable intensification of aquaculture, cage culture, tilapia culture, ornamental fish farming, aquatic animal health management, policy on fisheries, etc., all of which would lead to increase in production and productivity, were discussed. Fishers, fish Farmers, entrepreneurs, Departmental officers from States, extension workers, scientists, and other dignitaries from all over the country were also participated in the event.



Lightening of the lamp by Shri Radha Mohan Singh, Union Minister for Agriculture and farmers Welfare, Smt. Krishna Raj, Mos, Shri Devendra Chaudhary, Secretary, MoA&F and Smt.I.Rani Kumudini, CE, NFDB



Shri Radha Mohan Singh, Union Minister for Agriculture and Farmers Welfare, released various publications on the occasion of the World Fisheries Day 2017



Participants during the technical session at World Fisheries Day, 2017



Shri Radha Mohan Singh, Union Minister for Agriculture and farmers Welfare addressing on occasion of WFD 2017



Inauguration of Exhibition during by Devendra Chaudhary, Secretary, MoA&F, WFD-2017



Shri Radha Mohan Singh, Union Minister for Agriculture and farmers Welfare, Shri Devendra Chaudhary, Secretary, MoA&F and Smt. I. Rani Kumudini, CE, NFDB, NFDB at the Exhibition during WFD-2017

(v) Hindi Divas Samaroh Observed

The '*Hindi Divas Samaroh*' (Hindi Day Celebrations) was celebrated at the NFDB, Hyderabad from 05th to 13th September 2017. The function was chaired by Smt. I. Rani Kumudini, IAS, Chief Executive, NFDB. The Executive Directors namely Dr. B.K.Chand, Smt. A. Dhanalakshmi and Shri. G. Ratinaraj and all the Officers and Staff of NFDB participated. On '*Hindi Divas*' on 14th September 2017, the song '*Hindi Bharat Maa Ki Bindii*' was played. Various literary competitions such as reading, writing, word-to-word meaning, letter writing and debate, all in Hindi, were conducted among the NFDB Staff. On the concluding day (14th September 2017) prizes were distributed to the winners of various literary competitions – to NFDB staff. The programme was convened by Dr. Rajendra Kumar Sharma, Consultant (Hindi) and Smt. V. Santoshi Deepika, Jr. Consultant (Hindi) coordinated and organized the week-long activities.

X. Activities undertaken by NFDB under Swachhata Pakhwada Scheme during Financial year 2017-18

Swachh Bharat Mission is a National-wise campaign that aims to clean up the streets, roads, markets and other infrastructure in cities, towns and rural areas. As per the directives of Dept. of Animal Husbandry, Dairying and Fisheries, NFDB observed “Swachhata Pakhwada” during 16th – 31st May, 2017. During the period, NFDB took up different activities such as cleaning of fish markets, conducting awareness camps, cleaning of institute building and premises, holding workshops on topics like hygienic fish handling, recycling of waste through integrated farming, etc.,

Implementing States	Activities	Total Nos.
Andhra Pradesh, Assam, Jharkhand, Kerala, Maharashtra, Manipur, New Delhi, Punjab, Telangana.	Awareness Camps conducted at NFDB funded Major Fish Markets under Swachh Bharat Mission	17
Andhra Pradesh, Assam, Jharkhand, Kerala, Maharashtra, Manipur, New Delhi, Punjab, Telangana.	Cleaning of Fish market at NFDB funded Major Fish Markets under Swachh Bharat Mission	18
Assam, Tamil Nadu	State Level Workshops conducted on “Hygienic Fish Handling”	2
Assam	State Level workshop on Recycling of waste through integrated fish farming” for NE states	1
Telangana	Cleaning of institute Building and premises (NFDB, Hyderabad)	1

Details of the Activities undertaken in different States

States/UTs	Date	Places	Work conducted
Telangana	16.05.2017	NFDB, Hyderabad.	Swachhata Padyatra and Cleaning the Campus and surroundings by the Staff of NFDB, Hyderabad.
Jharkhand	16.05.2017	Salimar Wholesale Fish Market, Ranchi	Awareness camp cum cleaning of Salimar Wholesale Fish market Ranchi, Jharkhand
Assam	17.05.2017	Betkuchi wholesale Fish market, Guwahati	Cleanliness drive at Betkuchi wholesale Fish market, Guwahati, Assam by NFDB Regional Centre Guwahati

States/UTs	Date	Places	Work conducted
Andhra Pradesh	18.05.2017	Fishing Harbour Visakhapatnam	Cleaning and Awareness camp conducted at Fishing Harbour Visakhapatnam, Andhra Pradesh
Maharashtra	22.05.2017	Khopoli Fish Market	Maharashtra Fisheries Development Corporation conducting cleaning and awareness Camp at Khopoli Raigad.
Assam	22.05.2017	Sulong Fish market, Nagaon	Cleaning and awareness Camp at Sulong Fish market at Nagaon by Department of Fisheries, Assam and NFDB, Regional Centre Guwahati
Andhra Pradesh	23.05.2017	Eluru Fish Market	Cleaning and Awareness camp conducted at Eluru Fish Market, Andhra Pradesh
Andhra Pradesh	24.05.2017	Mahanti Fish Market, Vijayawada	Cleaning and awareness Camp conducted at Mahanti Fish Market, Vijayawada by the State Fisheries Dept. Andhra Pradesh.
Assam	25.05.2017	Tinsukia Fish market	Cleaning and Awareness camp conducted at Tinsukia Fish market, by Directorate of Fisheries, Govt. of Assam.
Telangana	25.05.2017	Gudimalkapur Fish market, Hyderabad	Cleaning and Awareness camp conducted by NFDB, Hyderabad at Gudimalkapur Fish market, Telangana.
Manipur	25.05.2017	Loktak Modern Wholesale Fish Market, Moirang	Awareness camp and Cleaning Drive at Loktak Modern Wholesale Fish Market, Moirang conducted by the Department of Fisheries, Govt. of Manipur
Punjab	26.05.2017	Ludhiana Wholesale Fish Market	Cleaning and Awareness camp conducted at Ludhiana Wholesale Fish Market by Directorate of Fisheries, Govt. Punjab
Andhra Pradesh	26.05.2017	Machalipatnam Fish Market	Cleaning and Awareness camp conducted at Machalipatnam Fish Market by Directorate of Fisheries, Govt. Andhra Pradesh
Tamil Nadu	26.05.2017	Manjakuppam fish market, Cuddalore	Awareness camp and Cleaning Drive at Manjakuppam fish market, Cuddalore by the Department of Fisheries, Govt. of Tamil Nadu

States/UTs	Date	Places	Work conducted
Tamil Nadu	26.05.2017	Devanampattinam fish market, Cuddalore	Awareness camp and Cleaning Drive at Devanampattinam fish market, Cuddalore by the Department of Fisheries, Govt. of Tamil Nadu
Tamil Nadu	26.05.2017	Panpari fish market, Cuddalore	Awareness camp and Cleaning Drive at Panpari fish market, Cuddalore by the Department of Fisheries, Govt. of Tamil Nadu
Assam	27.05.2017	NFDB, Regional Centre, Guwahati	State level Workshop on “Recycling of wastes through integrated fish farming” under Swachhata Pakhwada, 2017, conducted by NFDB, Regional Centre, Guwahati
Kerala	30.05.2017	Kazhakkootam fish market	Awareness camp and Cleaning Drive at Kazhakkootam fish market conducted by the Department of Fisheries, Govt. of Kerala.
New Delhi	31.05.2017	C.R. fish market	Awareness camp and Cleaning Drive at C.R. fish market conducted by the FISHCOPFED, New Delhi
Assam	31.05.2017	ICAR-CIFRI, NERC, Guwahati	One Day Workshop on Hygienic Handling of Fish conducted by Department of Fisheries, Govt. of Assam at ICAR-CIFRI, NERC, Guwahati
Kerala	31.05.2017	Chirayankil fish market	Awareness camp and Cleaning Drive at Chirayankil fish market conducted by the Department of Fisheries, Govt. of Kerala
Tamil Nadu	31.05.2017	Chennai	One Day Workshop on Hygienic Handling of Fish conducted by Department of Fisheries, Govt. of Tamil Nadu.



Swachhata Pakhwada Activities undertaken by NFDB

XI. PUBLICATIONS & DOCUMENTATION:

(i) Newsletter, Guidelines and Books

During the year 2017-18 the following Documents were published by the NFDB:

1. NFDB Newsletter *Matsya Bharat*

- (i) April – June 2017 Issue (32 pages) – English
- (ii) April – June 2017 Issue (32 pages) – Hindi

2. Guidelines on Schemes & Funding Pattern

- (i) Guidelines – Centrally Sponsored Scheme on Blue Revolution: Integrated Development and Management of Fisheries. January 2018 (60-page Handbook in English and Hindi)
- (ii) Guidelines in Brief - Centrally Sponsored Scheme on Blue Revolution: Integrated Development and Management of Fisheries. Sept. 2017 (8-pp Brochure English & Hindi)

3. Mission Documents Prepared by the DADF

- (i) Mission Fingerling Action Plan 2020 – Towards Blue Revolution (27 pages).
- (ii) Mission Recirculatory Aquaculture System (RAS) – *Pangasius* Farming Action Plan Towards Blue Revolution (31 pages).
- (iii) Mission Cage Culture – 2022 (Centrally Sponsored Scheme on Blue Revolution: Integrated Development and Management of Fisheries) (14 pages).
- (iv) Mission Brackish Water/Saline Aquaculture-2022 (MBSA-2022) Action Plan (22pp.).
- (v) Mission Mariculture – 2020 & 2022 Under Blue Revolution (2017 to 2022) (31 pages).
- (vi) Mission Ornamental Fisheries–Action Plan–Partnering in Blue Economy (69pp.).
- (vii) Cold Chain & Post Harvest Infrastructure Development–2022 Action Plan (21pp.)

4. World Fisheries Day – 2017

- (i) Brochure: World Fisheries Day – 21st November 2017 (6-page, Hindi & English)
- (ii) Souvenir: World Fisheries Day – 21st November 2017 (113-page Book)
- (iii) NFDB Funded Projects - Success Stories, November 2017 (34-page Handbook).

5. Technologies

- (i) Guidelines for Sea Cage Farming in India. January 2018 (32-page Handbook).

6. Website

Information pertaining to the NFDB Activities, Projects, and all Publications (Newsletters, Guidelines, Books, etc.) are regularly uploaded to the Website:

<http://www.nfdb.gov.in>.

OUTCOME

The various Documents, *viz.*, Newsletters, Handbooks on Guidelines, Brochures, etc., are published by NFDB with a view to create awareness and provide information to different stakeholders across the country. NFDB Publications have also been given as handouts to the visitors at various Krishi / Kisan Melas, Exhibitions as well as to participants at the various Fisheries Meetings, Seminars, Workshops and Training Programmes organized across the country and to the State/UT officials and visitors at NFDB Office. Soft copies (PDFs) of all the Documents published are uploaded to the NFDB Website for wider dissemination of the information.

NFDB P&D Glimpses - 2017-18

Images of (i) Title-Page of Documents published during the year, (ii) Display and Distribution of Documents at *KisanKalyanMela*, Motihari, Bihar, and(iii) Homepage of the NFDB Website:



(ii) Success Stories

1. Tilapia Intensive Culture Farm and Hatchery established with NFDB Assistance by Professional Fishery Science Graduates in Madurai, Tamil Nadu – A Success Story

Under the scheme ‘Promotion of Fishery Science Graduates as Entrepreneurs’ NFDB provided financial assistance of Rs. 37.45 lakh to Shri S. Vaitheeswaran and Shri S. Alagu Ravi (M/s Svara Biotechnovations) for establishing (i) ‘Intensive Pond Culture of Tilapia’ in a 1.0 ha farm at Therkupethampatti village, Madurai and (ii) ‘Tilapia Hatchery’ at Natham Village, Dindugal, Tamil Nadu.

The NFDB subsidy has helped them set up the infrastructure facilities for brood stock development, genetic work, breeding and hatching (tank based), fry rearing (tank based), lined nursery ponds, lined grow-out ponds, etc. The officers from the Department of Fisheries, Govt. of Tamil Nadu issued necessary permission for undertaking the farming activities and accordingly the entrepreneurs stocked Monosex Nile Tilapia and Red Tilapia in the lined grow-out ponds. Farming is being carried out in an intensive, feed based and scientific manner with all bio-security measures as per guidelines issued by the DAHD&F, Govt. of India. Breeding and seed production at their Tilapia Hatchery facility has also commenced and they are supplying fry to farmers locally as well as in neighbouring States. Tilapia are harvested from growout ponds at the rate of 500-700 kg per week and marketed in live condition at a premium price.



Tilapia Intensive Culture Farm and Hatchery established with NFDB assistance by Shri Vaitheeswaran and Shri S. Alagu Ravi in Madurai district, Tamil Nadu

2. Sea Cage Farming of Cobia undertaken with NFDB Assistance by the ‘Cobia Aquaculture Fishermen Welfare Association’ along Rameswaram Coast of Tamil Nadu – A Success Story

A group of 21 Trawler operators and fishermen engaged in fishing from Rameswaram base, Tamil Nadu, owing to the declining trend in fish catches from the sea as well as encountering problem at the Indian Maritime Boundary Line (IMBL) with Sri Lanka, decided to undertake Sea Cage Farming of Cobia as an alternate source of livelihood,

with the technical support from ICAR-CMFRI and State Fisheries Department. They formed a welfare association and registered it by the name “*Cobia Aquaculture Fishermen Welfare Association, Verkodu, Rameswaram*”.

Based on the Project proposal submitted by the Association and recommendation of the Commissioner of Fisheries, Tamil Nadu, NFDB provided a subsidy of Rs. 19.88 lakh to take up Cobia culture in 10 Sea Cages in Palk Bay region. 750 Cobia fingerlings (average 50 mm length, 8 g weight) were stocked per Cage. Low-value marine fish were fed at 5% body weight twice a day. In about 6 months, average weight of fish was 1.900 kg, survival was 95%, and total yield of Cobia was 13.093 metric tonnes. Revenue realized was Rs. 35.35 lakh and profit was Rs. 10.25 lakh. The success in Sea Cage Farming has encouraged the members to continue the activity in successive years. This success inspired another group at Olaikuda village near Verkodu and they took up Cobia Culture with their own funds and technical guidance from National Institute of Ocean Technology, Chennai, and they harvested about 7.0 metric tonnes.



Cobia Culture in Sea Cages undertaken with NFDB assistance by Cobia Aquaculture Fishermen Welfare Association, at Verkodu, Rameswaram, Tamil Nadu

3. Chandil Bandh Visthapit Matsyajibi Swabalambi Sahkari Samiti, a Tribal Community Initiative, with NFDB Assistance undertake Cage Fish Farming in Chandil Reservoir, Jharkhand - A Success Story

Through financial assistance from NFDB, the Department of Fisheries, Govt. of Jharkhand has achieved resounding success in cage fish farming in Chandil Reservoir where a large number of people were displaced and lost their homes and land due to the construction of dam. The Tribal Community formed a group named ‘*Chandil Bandh Visthapit Matsyajibi Swabalambi Sahkari Samiti*’ for the purpose.

Out of the total 97 batteries of cages, NFDB provided assistance for 20 batteries (80 cages). *Pangasius sutchi*, Indian Major Carps and Monosex Tilapia are being farmed in cages. An Apex Society assists the 18 Fishermen Cooperative Societies in managing the 388 fish culture cages in Chandil Reservoir. A Fish Feed Mill was established by FCS, Jharkhand near the Chandil Reservoir and is being run by FCS members; 15 members are employed in the feed mill. Using locally available ingredients like soya bean cake, mustard oil cake,

ground nut oil cake, rice bran and maize, three tons feed is produced per day in 2 shifts which is being exclusively used for the Cage Culture purpose in Chandil Reservoir.

The level of production, per cage ($6 \times 4 \times 4 \text{ m} = 96 \text{ m}^3$), was as high as 5-7 t in a grow-out period of 8-10 months. The project was pursued in PPP mode, benefiting a large number of displaced tribals. A total of more than 200 t of fish (*Pangasius*) was harvested from 48 cages. The fish are transported and marketed using the 4-wheel vehicles and 2-wheel mopeds with ice box, assistance for which was provided by NFDB. Further, out of the total 1800 fish culture cages installed in 6 reservoirs in the State, 200 cages were funded by NFDB, while the remaining were funded under RKVY and NMPS Schemes. It was observed that all the Cages funded by NFDB are being operated successfully with active involvement and cooperation between Fisheries Officials and Fishermen Cooperative Society Members, and monitoring by the NFDB Cell in the State Fisheries Department.

This single activity of cage fish farming in Chandil Reservoirs of Jharkhand State, which is prone to insurgency, has not only generated sizeable livelihood opportunities for the local landless people, but also transformed the socio-economic status of target groups. The activity has been replicated in other Reservoirs of the State and the socio-economic conditions of beneficiaries in particular and the community at large has improved significantly.



A battery of cages in Chandil Reservoir, Jharkhand, managed by Tribal Groups; Pangasius fish in cages being fed by the beneficiary

4. Progressive Fish Farmer of Haryana Diversifies into Production of Value Added Fish Products with NFDB Assistance – A Success Story

Shri Sultan Singh, a progressive fish farmer, established the *Sultan Fish Seed Farm*, in 1984 in village Butana, tehsil Nilokheri, Karnal district, Haryana, in about 40 ha of land in which fish hatcheries, nurseries and culture pounds were established. Primary activities include brood-stock management, induced breeding and mass production of fish spawn; nursing spawn to fry and fry to fingerlings on a commercial-scale; rearing fingerling to

yearling and further to marketable-size fish in farm ponds and village community ponds; and running a fish feed mill.

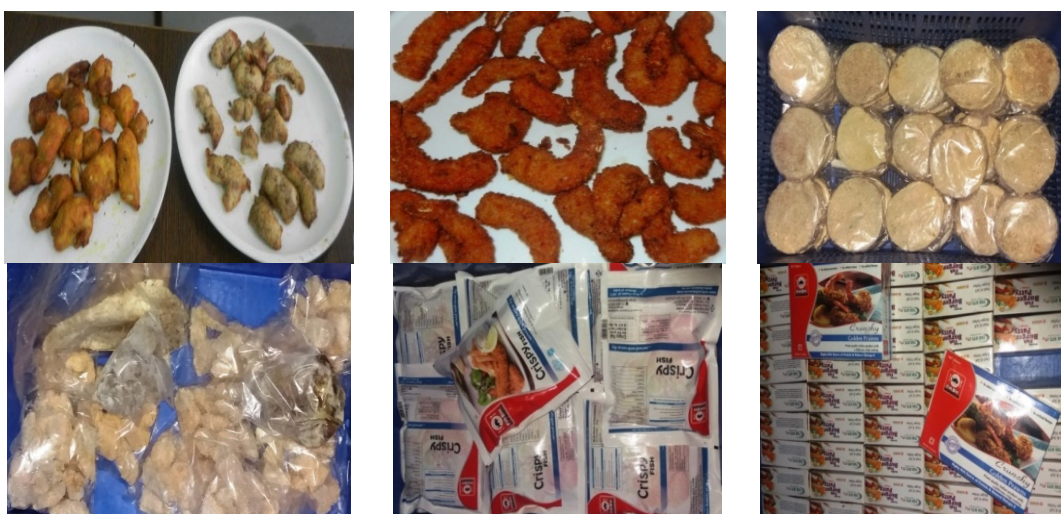
The fish farm has 26 ponds spread over 11 ha. The hatchery complex comprises of 1 circular Spawning Pool (20 ft diameter, 4 ft depth), 5 Incubation Pools (each 12 ft diameter, 4 ft depth), 1 Conditioning Pool and 2 overhead tanks. The farmer maintains 15 tonnes of brood fish of 3-4 years age; after induce-breeding them for 4-5 years they are replaced in installments. Rohu, Catla, Mrigal, Grass Carp, Common Carp, Silver Carp and also Cat Fish are bred routinely. Breeding commences from the last week of March and continues for 7 months till the end of October. More than 105 crore spawn are produced per season; 9-10 crore fry in 7 months, 10-15 lakh fingerlings/year and 2 lakh yearlings/year. The growout production rate of food fishes is 22 tonnes/ 1.5 ha/ year. The farmer is also undertaking shrimp and sea bass culture in saline areas. Latest technology in aquaculture is adopted and the farm supplies quality seed of Indian Major Carps, Exotic Carps, Giant Freshwater Prawn, etc., in bulk quantities to fish farmers of Haryana, Punjab, Rajasthan, Gujrat, Uttar Pradesh and Chhattisgarh States.



Circular hatchery, nursery and rearing ponds at Sultan Fish Seed Farm in Butana village, Karnal district, Haryana State

Shri Neeraj Chaudhary, S/o Shri Sultan Singh, diversified the activities and became a successful entrepreneur. He received NFDB financial assistance of Rs. 25.00 lakh through the Dept. of Fisheries, Haryana and established a **Fish Processing Unit** for manufacturing and marketing value added fish products. The Fish Processing Unit is housed in a two storied building and includes: weighing and pre-processing room, processing hall (with various machines for de-heading, de-skinning, de-gutting, de-boning, filleting) flake ice production unit, packaging units, cold storage, quality control laboratory, store room and a guest house. There is a separate unit for extraction of fish oil for manufacture of Omega-3 fatty acid and for waste treatment. The unit is working at 100% capacity and on commercial scale. The value added fish products under the brand names '*Fishbite*' & '*Crispy*' are being marketed in Chandigarh, Himachal Pradesh, Uttarakhand, Dehradun, Delhi and National Capital Regions through distributors. The fish farmer-cum-entrepreneur is processing fish produced in his own farm, besides sourcing from a reservoir in Rajasthan which he took on lease. The farmer also buys back fishes for processing from

other farmers to whom he supplies fish seed from his hatchery. The extracted fish-oil rich in Omega-3 fatty acid is sold at Rs. 7000 – 8000 per kg.



Some of the equipment in the NFDB funded Fish Processing Unit and the ready to eat value added fish products manufactured in the Unit at Butana, Nilokheri, Karnal, Haryana

Shri Neeraj Chaudhary has been providing direct and indirect employment to several people in the region. Further, ***Training on Induced Breeding*** of Indian Major Carps is offered to students of several Colleges and Universities in North India. Shri Sultan Singh and his son Shri Neeraj Chaudhary's contribution to fisheries sector were recognized by many Government and Non-Government Organizations in the country and they were honoured with several awards.

5. 'Community Fish Seed Bank Project' established with NFDB Assistance in Bongaigaon, Assam – A Success Story

The project '*Community Fish Seed Bank and Seed Rearing in Srijangram Development Block, Bongaigaon, Assam for Leveraging Livelihood of Small-scale Aquaculturist*' was launched with NFDB assistance of Rs. 13.08 lakh and implemented by CSS-ATMA, Bongaigaon.

The NFDB funded community based project had the following components:

- 250 fish farmers were grouped into 25 Farmers Interest Groups (FIGs, each having 10 members). They were trained through 9 training programmes on different aspects of fish farming.
- Exposure Visits were conducted for 10 Progressive Farmers among the FIGs.
- Fry of *Jayanti Rohu* and *Amur Carp* was procured and supplied to the respective Farmers Interest Groups (FIGs).
- Demonstrations were carried out in 20 ponds, one in each Common Interest Group (CIG)/ Women Farmers Interest Group (WIG) selected out of the total 25 FIGs.
- Duration of rearing was 90 days. During the culture period, the growth of both the species were encouraging.
- Multiplier effect and replication has been noticed in nearby villages, and 6 CIGs have procured seed from the Community Fish Seed Bank.
- There is great demand of *Jayanti Rohu* and *Amur Carp* fingerlings in the region; they fetch Rs. 7.00 to Rs. 8.00 per piece.
- The seed growers are enthusiastic and they propose to continue the project on a larger scale.



Bolbom SHG Members harvest advanced fingerlings of Jayanti Rohu and Amur Carp from Community Fish Seed Bank in Srijangram Development Block, Bongaigaon, Assam

(iii) Performance of States in Implementing Projects under Blue Revolution Scheme Sanctioned During 2016-17

Implementation of the BR Projects Sanctioned during 2016-17 to 28 States/UTs was monitored by NFDB and Third Party Agencies during 2017-18 to evaluate the performance and progress. The observations summarized State wise are presented below:

1. Andhra Pradesh

Projects Sanctioned:

- The State proposed eleven projects at an estimated cost of Rs. 2793.66 lakh and received an amount of Rs. 1396.83 lakh as Central Share.
- Fish transport and marketing infrastructure and construction of ice plants of 2.5- and 10-tonne capacities accounted for the highest Central Share of 53.7% followed by Craft and Gear (with the highest number of 500 beneficiaries) with 17.9% share, construction of feed mills with 14.3% share and installation of cages & pens in reservoirs with 7.7% of the total Central Share.

Progress of Projects:

- Installation of 48 cages in the reservoir and establishment of 6 ice plants of 10 tonne capacity were completed.
- One small feed mill, 11 ice plants (2-tonne capacity) and 10 ice plants (5-tonne capacity) were completed.
- Fifty fish landing centres were constructed and 500 craft & gear units were allotted.
- The State of Andhra Pradesh utilized 77.2% of the Central Assistance; completed 95.0% and grounded 5.0% of sanctioned Units.

The details are given in *Table-1* under *Annexure*.

2. Assam

Projects Sanctioned:

- The State proposed seven projects with an estimated cost Rs. 2031.50 lakh and received an amount of Rs. 1625.20 lakh as Central Share.
- Construction of new ponds and renovation of ponds accounted the highest with 82.8% followed by fish feed mill, fish seed hatchery with 12.3% and community hall, housing for fishers with 4.9% of the total Central Share.

Progress of Projects:

- Construction of ponds in 163.9 ha and renovation of ponds in 30 ha were completed.

- The State of Assam utilized 75.9% of the Central Assistance; completed 62.9% and grounded 37.1% of the sanctioned Units.

The details are given in *Table-2* under *Annexure*.

3. Bihar

Projects Sanctioned:

- The State proposed eight projects with an estimated cost Rs. 3876.796 lakh and received an amount of Rs. 1948.04 lakh as Central Share.
- The state focused on the production oriented activities which formed 95.3% followed by infrastructure oriented projects *viz.*, establishment of feed mills of small and large capacity with 4.7% of the total Central Share.

Progress of Projects:

- Construction of new ponds with inputs in 100 ha, stocking of fish fingerlings in 403.3 ha in beels and development of wetlands with inputs in 102.7 ha were completed.
- Installation of 84 cages in reservoir, construction of 20 freshwater fish hatcheries, 5 small feed mill and 1 large feed mill were completed.
- The State of Bihar utilized 30.7% of the Central Assistance; completed 40.8% and grounded 59.2% of sanctioned Units.

The details are given in *Table-3* under *Annexure*.

4. Chhattisgarh

Projects Sanctioned:

- The State proposed twelve projects with an estimated cost Rs. 2796.60 lakh and received an amount of Rs. 1326.55 lakh as Central Share.
- Construction of new ponds, renovation of ponds, fish seed hatcheries accounted the highest with 63.4% share, followed by fish feed mill, retail fish outlets, ice plants, auto rickshaw with icebox, and bicycle with icebox with 29.1% share and saving cum relief with 7.5% of the total Central Share.

Progress of Projects:

- Construction of ponds in 200 ha, renovation of ponds in 100 ha and fish seed rearing in 13.5 ha were completed.
- Construction of four circular hatchery units were completed.
- One large & two small fish feed mill and one retail fish outlet unit were completed.
- Eleven-auto rickshaws with icebox, 92 bicycle with icebox units were allotted and saving-cum-relief was sanctioned to 6665 fishers.
- The State of Chhattisgarh utilized 87.8% of the Central Assistance; completed 90.5% and grounded 9.5% of the sanctioned Units.

The details are given in *Table-4* under *Annexure*.

5. Goa

Projects Sanctioned:

- The State proposed eighteen projects with an estimated cost Rs. 1800.02 lakh and received an amount of Rs. 900.01 lakh as Central Share.
- Infrastructure projects viz., insulated truck of 6- and 10-tonne capacity, motor cycle with icebox, auto rickshaw with ice box, cold storages, fish retail outlets, ice plants accounts the highest with 83.1% share, followed by production oriented projects viz., construction of new ponds/tanks, renovation of ponds & rejuvenation of urban/ semi-urban/ rural lakes/Tanks for fish culture with 11.5% share and welfare projects with 5.4% of the total Central Share.

Progress of Projects:

- Construction of new ponds in 6.7 ha was completed.
- Four fishing harbour and landing centres were completed.
- One insulated truck 6-tonne capacity, 11 insulated truck 10-tonne capacity, 11 motor cycle with icebox, 4 auto-rickshaws with icebox, 23 FRP boats and Dredging of 3 Fishing Harbours/ Landing Centres were completed.
- The State of Goa utilized 52.5% of the Central Assistance; completed 3.1% and grounded 96.9% of sanctioned Units

The details are given in *Table-5* under *Annexure*.

6. Gujarat

Projects Sanctioned:

- The State proposed 9 projects with an estimated cost of Rs. 1897.5 lakh and an amount of Rs. 948.75 lakh as Central share.
- State Proposed Fish production activities viz., Hatcheries, feed mills, Craft & Gear which accounted for the highest Central Share of 44.4% followed by pond construction and seaweed cultivation with 41.1% share and housing for fishers with 14.5% share of the total Central Share

Progress of Projects:

- Construction of freshwater ponds in 8 ha, 1 small feed mill unit and 1 large feed mill unit were completed.
- Construction of one prawn hatchery and two freshwater fish hatcheries were completed.
- One Hundred and seventeen (117) traditional crafts and housing for 100 fishers were allotted.

- The State of Gujarat utilized 45.6% of the Central Assistance; completed 64.9% and grounded 35.1% of sanctioned Units.

The details are given in *Table-6* under *Annexure*.

7. Haryana

Projects Sanctioned:

- The State proposed ten projects with an estimated cost Rs. 2293.30 lakh and received an amount of Rs. 1122.05 lakh as Central Share.
- Production oriented projects *viz.*, construction of new ponds/tanks, renovation of ponds, construction of ponds in inland saline / alkaline waters & development of waterlogged areas accounts for the highest with 96% share followed by training, skill development & riverine fisheries conservation programme with 2.2% share and motorization of traditional crafts & gears with 1.6% of the total Central Share.

Progress of Projects:

- Construction of ponds in 183.62 ha, renovation of ponds in 242.55 ha, development of waterlogged areas in 28.25 ha and construction of ponds in inland saline / alkaline waters in 21.12 ha were completed.
- Renovation of existing ponds in 18 ha, 1 fish seed hatchery unit, 2 fish seed rearing units, 8 small feed mills were completed.
- Installation of 17 cages in reservoir was completed.
- Development of one ice plant and renovation of one ice plant were completed.
- The State of Haryana utilized 13.8% of the Central Assistance; completed 0.02% and grounded 99.9% of sanctioned Units

The details are given in *Table-7* under *Annexure*.

8. Himachal Pradesh

Projects Sanctioned:

- The State proposed eleven projects with an estimated cost Rs. 1316.34 lakh and received an amount of Rs. 1053.07 lakh as Central Share.
- Construction of raceways & farming units, new ponds/tanks, fish hatcheries, & stocking of fish in reservoirs accounted the highest with 49.7% share followed by construction of fish landing centres, ice plants & solar power systems with 42.6% share and welfare projects with 7.7% of the total Central Share.

Progress of Projects:

- Construction of ponds in 15 ha, fish stocking in 3 ha in reservoirs and 106 raceways & farming units were completed.
- Construction of three fish landing centres and 4 fish hatcheries were completed.

- One ice plant, 4 solar power support system and saving-cum-relief was sanctioned to 5092 fishers.
- The State of Himachal Pradesh utilized 100% of the Central Assistance and completed 100% of the sanctioned Units.

The details are given in *Table-8* under *Annexure*.

9. Jammu & Kashmir

Projects Sanctioned:

- The State proposed thirteen projects with an estimated cost Rs. 1419.98 lakh and received an amount of Rs. 1111.18 lakh as Central Share.
- Construction of permanent farming units & raceways, new ponds/tanks and fish hatcheries accounted the highest with 56.9% share followed by welfare projects with 28.16% share and construction of fish landing centres, ice plants & fish brood bank with 17.9% of the total Central Share.

Progress of Projects:

- Twenty auto-rickshaws with icebox and 1016 bicycle with ice box were allotted.
- Construction of ponds in 67 ha and renovation of ponds in 192 ha were completed.
- Construction of 114 permanent farming & raceways units and 1 fish seed hatchery were completed.
- Four fish landing centres were constructed and motorization of 49 crafts with gears completed.
- The State of Jammu Kashmir utilized 64.9% of the Central Assistance; completed 97.6% and grounded 2.4% of the sanctioned Units.

The details are given in *Table-9* under *Annexure*.

10. Jharkhand

Projects Sanctioned:

- The State proposed three projects with an estimated cost Rs. 4600.40 lakh and received an amount of Rs. 2300.20 lakh as Central Share.
- Installation of cages in reservoirs accounted for the highest share of 65% followed by pen culture with 24% share and housing for fishers with 11% of the total Central Share.

Progress of Projects:

- Housing was allotted to 417 fishers.
- Installation of 170 cages in reservoir was completed.

- The State of Jharkhand utilized 31% of the Central Assistance; completed 21.1% and grounded 78.9% of the sanctioned Units.

The details are given in *Table-10* under *Annexure*.

11. Karnataka

Projects Sanctioned:

- The State proposed 22 projects with an estimated cost Rs. 2726.50 lakh and received an amount of Rs. 1370.75 lakh as Central Share.
- Construction of new ponds, renovation of ponds, fish seed rearing units constituted the highest share of 30.5% followed by fish transport infrastructure units with 30.4% share, installation of cages in open sea & reservoirs with 21.4% share and development of cold storages, bivalve culture, renovation of ice plants with 17.5% of the total Central Share.

Progress of Projects:

- Allotment of 52 FRP boats and motorization of 370 traditional crafts with gears were completed.
- Twenty-five bivalve culture units were installed.
- Nine cold storage units, renovation of 4 existing ice plants and construction of new ponds in 19.48 ha were completed.
- Installation of 48 cages in reservoir and allotment of 29 motorcycle with icebox were completed.
- The State of Karnataka utilized 44.9% of the Central Assistance; completed 45.5% and grounded 54.5% of sanctioned Units

The details are given in *Table-11* under *Annexure*.

12. Kerala

Projects Sanctioned:

- The State proposed seven projects with an estimated cost of Rs. 2540.80 lakh and received an amount of Rs. 1298.10 lakh as Central share.
- Construction/renovation of ponds accounted for 14.8% share followed by cage culture in open sea and brackish water with 53.9% share, establishment of fish retail outlets with 19.3% share, welfare activity (housing for fishermen) with 7.7% share and training programmes with 1.4% of total Central Share.

Progress of Projects:

- Construction of new pond in 14.78 ha and renovation of ponds in 76.84 ha were completed.
- Installation of 200 cages and 6 training programmes were completed and housing allotted to 167 fishers.

- The State of Kerala utilized 60.8% of the Central Assistance; completed 68.5% and grounded 31.5% of sanctioned Units.

The details are given in *Table-12* under *Annexure*.

13. Madhya Pradesh

Projects Sanctioned:

- The State proposed ten projects with an estimated cost Rs. 2900.00 lakh and received an amount of Rs. 1400.00 lakh as Central Share.
- Construction of new ponds and installation of cage culture units in reservoirs accounted the highest with 63.7% share followed by fish hatchery, fish feed mill, ice plants, mechanized boats, motor cycle with icebox with 22% share and housing for fishers & saving-cum-relief with 14.3% of the total Central Share.

Progress of Projects:

- Construction of new ponds in 122 ha was completed.
- Installation of 100 cages in reservoir, renovation of ponds in 5 ha and construction of new ponds/tanks in inland saline/alkaline waters in 10 ha were completed.
- Construction of three fish hatcheries and five small fish feed mill were completed.
- Ten retail fish outlet units, saving-cum-relief to 6667 fishers and housing for 167fishers were completed.
- The State of Madhya Pradesh utilized 63.5% of the Central Assistance; completed 96.5% and grounded 3.5% of the sanctioned Units.

The details are given in *Table-13* under *Annexure*.

14. Maharashtra

Projects Sanctioned:

- The State proposed 21 projects with an estimated cost Rs. 2941.86 lakh and received an amount of Rs. 1470.93 lakh as Central Share.
- Infrastructure projects *viz.*, insulated icebox, development of ice plants, dredging of fishing harbours/landing centres, accounted for the highest with 54.3% share, followed by production oriented projects *viz.*, construction of new ponds/tanks, renovation of ponds, fish hatcheries, fish feed mills, prawn hatcheries and installation of cages in reservoirs with 38.6% share and welfare projects with 6.9% of the total Central Share.

Progress of Projects:

- Renovation of existing ponds in 18 ha, 1 fish seed hatchery unit, 2 fish seed rearing units, 8 small feed mills were completed.
- Installation of 17 cages in reservoir was completed.
- Development of one ice plant and renovation of one ice plant were completed.

- The State of Maharashtra utilized 13.8% of the Central Assistance; completed 0.02% and grounded 99.9% of sanctioned Units

The details are given in *Table-14* under *Annexure*.

15. Meghalaya

Projects Sanctioned:

- The State proposed eight projects with an estimated cost Rs. 1212.02 lakh and received an amount of Rs. 1003.17 lakh as Central Share.
- Development projects *Viz.*, construction of ponds and renovation of ponds accounted for the highest with 85.4% share followed by fish feed mills, fish hatcheries & retail outlets with 10.0% share and training & skill development programmes with 4.6% of the total Central Share.

Progress of Projects:

- Construction of ponds in 17.3 ha was completed.
- Forty-six training and skill development programme completed.
- The State of Meghalaya utilized 14.7% of the Central Assistance; completed 3.6% and grounded 96.4% of the sanctioned Units.

The details are given in *Table-15* under *Annexure*.

16. Mizoram

Projects Sanctioned:

- The State proposed eleven projects with an estimated cost Rs. 1199.37 lakh and received an amount of Rs. 959.5 lakh as Central Share.
- Construction of ponds, renovation of ponds, water logged area development, installation of cages in reservoir accounted for the highest with 83.6% share followed by fish seed hatcheries, fish landing centres, fish feed mill and tradition craft & gears with 16.4% of the total Central Share.

Progress of Projects:

- Construction of new ponds in 18.2 ha and 10 fish seed rearing units were completed.
- Installation of 50 cages in reservoirs, water logged area development in 10 ha were completed.
- Two Mahseer Hatcheries and 4 fish seed hatchery units were completed.
- Construction of four fish landing centres and one fish feed mill unit were completed and four traditional crafts with gear were allotted.

- The State of Mizoram utilized 85.4% of the Central Assistance; completed 89.7% and grounded 10.3% of the sanctioned Units.

The details are given in *Table-16* under *Annexure*.

17. Nagaland

Projects Sanctioned:

- The State proposed six projects with an estimated cost Rs. 1025.00 lakh and received an amount of Rs. 820.00 lakh as Central Share.
- Construction of ponds, renovation of ponds, and rejuvenation of urban ponds accounted for 100% of the total Central Share.

Progress of Projects:

- Construction of new ponds with input-cost in 50 ha and rejuvenation of urban ponds in 11.2 ha were completed.
- Renovation of ponds with input-cost was completed in 21 ha.
- The State of Nagaland utilized 50% of the Central Assistance; completed 42.2% and grounded 57.8% of the sanctioned Units.

The details are given in *Table-17* under *Annexure*.

18. Odisha

Project Sanctioned:

- The State received Sanctions under two separate Plans:
 - a. General Category and
 - b. SC/ST Category.

General Category:

- The General Category Plan was proposed with 12 projects at an estimated cost of Rs. 2062.4 lakh and received an amount of Rs. 1061.2 lakh as Central Share.
- The production oriented activities *viz.*, construction of ponds, freshwater fish hatcheries and development of water logged areas accounted for 71.9% share, followed by infrastructure oriented projects *viz.*, fish landing centres, motorization of traditional crafts and Safety of fishermen at sea with 22.6% of the total Central Share.

SC/ST Category:

- The SC/ST Category Plan was proposed with 11 projects at an estimated cost of Rs. 3970.0 lakh and received an amount of Rs. 1985.0 lakh as Central Share.
- The production-oriented activities *viz.*, construction of ponds, freshwater fish hatcheries and development of waterlogged areas accounted for 72.4% share

followed by development of fish transport and other infrastructure facilities with 27.6% of Central Share.

Progress of Projects:

- Under General Category, all the projects viz., construction of ponds in 107 ha, brackish water ponds in 33 ha, renovation of freshwater ponds in 30 ha, development of water logged areas in 5 ha and establishment of 2 freshwater fish hatcheries were completed.
- Construction of one fish landing centre was completed, motorization of 803 traditional crafts with gear and assistance for the safety of fishermen at sea were allotted to 1118 fishers.
- The State of Odisha has utilized 100% of the Central Assistance and completed 100% of the projects sanctioned under general category.
- Under SC/ST Category, construction of 84.29 ha new ponds, 31.55 ha of brackishwater ponds, renovation of 77.19 ha freshwater ponds and development of 10.38 ha water logged areas were completed.
- Establishment of 6 freshwater fish hatcheries, motorization of 159 crafts with gear, allotment of 398 fish transport vehicles infrastructure and Assistance to 32 traditional fishermen for FRP boat were completed.
- The State of Odisha utilized 56.6% of the Central Assistance and completed 69.7% and grounded 30.3% of sanctioned Units under SC/ST category.

The details are given in *Table-18A&B* under *Annexure*.

19. Puducherry

Projects Sanctioned:

- The State proposed four projects with an estimated cost Rs. 449.9 lakh and received an amount of Rs. 249.95 lakh as Central Share.
- The construction of ponds in freshwater and brackish water with inputs accounted for 19.9% share followed by motorization of traditional crafts (167 beneficiaries) with 40.1% share and saving cum relief fund with 40% of the total Central Share.

Progress of Projects:

- Saving cum relief fund was allotted to 3333 fishers.
- The UT of Puducherry utilized 40% of the Central Assistance; completed 94.9% and grounded 5.1% of sanctioned Units.

The details are given in *Table-19* under *Annexure*.

20. Punjab

Projects Sanctioned:

- The State proposed eight projects with an estimated cost Rs. 1953.00 lakh and received an amount of Rs. 999.00 lakh as Central Share.
- Establishment of integrated hatcheries accounted the highest with 50% share followed by retail fish outlet with 12.5% share, retail fish market with 10.0% share, aquatic animal health labs with 10% share, fish feed mills with 9.9% share, and deboning machine with 3% of the total Central Share.

Progress of Projects:

- Construction of 15 Fish feed mill units have been completed.
- Eleven Aquatic Animal Health Laboratories have been established.
- The State of Punjab utilized 73.1% of the Central Assistance; completed 33.3% and grounded 66.7% of the sanctioned Units.

The details are given in *Table-20* under *Annexure*.

21. Rajasthan

Projects Sanctioned:

- The State proposed four projects with an estimated cost of Rs. 1030.102 lakh and received an amount of Rs. 518.102 lakh as Central share.
- Installation of cages/pens in reservoir and 1 freshwater fish brood bank accounted for 48.3% share followed by welfare activities with 51.7% of the total Central Share.

Progress of Projects:

- Housing for 20 fishers were completed and saving-cum-relief fund was allotted to 983 fishers.
- The State of Rajasthan utilized 13.3% of the Central Assistance; completed 80.3% and grounded 19.7% of sanctioned Units.

The details are given in *Table-21* under *Annexure*.

22. Sikkim

Projects Sanctioned:

- The State proposed four projects with an estimated cost Rs. 598.95 lakh and received an amount of Rs. 479.16 lakh as Central Share.
- Raceways accounted for 75% share followed by running water units with 13.8% share and trout hatcheries with 11.2% of the total Central Share.

Progress of Projects:

- Construction of 50 raceway units were completed.
- Thirty-five running water in earthen units with input cost were completed.
- The State of Sikkim utilized 74.2% of the Central Assistance; completed 55.1% and grounded 44.9% of sanctioned Units

The details are given in *Table-22* under *Annexure*.

23. Tamil Nadu

Projects Sanctioned:

- The State proposed 10 projects with an estimated cost of Rs. 1985.0 lakh and received an amount of Rs. 992.5 lakh as Central Share.
- Construction/renovation of ponds (200 ha) accounted for 75.6% share followed by supply of FRP boats with 21.4% share and solar power system with 4% of total Central Share

Progress of Projects:

- Construction of new freshwater ponds in 47.06 ha, brackishwater ponds in 29.38 ha, and renovation of 42.36 ha ponds were completed.
- Installation of 3 solar power systems and 47 FRP boats with insulated icebox were completed.
- The State of Tamil Nadu utilized 40.94% of the Central Assistance; completed 50.2% and grounded 49.8% of sanctioned Units

The details are given in *Table-23* under *Annexure*.

24. Telangana

Projects Sanctioned:

- The State proposed nine projects with an estimated cost Rs.2930.00 lakh and received an amount of Rs. 1465.00 lakh as Central Share.
- Installation of cages in reservoirs and other open water bodies accounted for 68.3% share followed by infrastructure projects *viz.*, fish seed hatcheries, fish rearing units, fish landing centres, fish broodbank and feed mills with 31.7% of the total Central Share.

Progress of Projects:

- Construction of new ponds with inputs in 11 ha was completed.
- Installation of 380 cages in reservoirs, 2 fish seed hatcheries, 9 fish seed rearing units were completed.
- Two small feed mills, 2 fish landing centres and 1 brood bank unit were completed.

- The State of Telangana utilized 48.3% of the Central Assistance; completed 55.2% and grounded 44.8% of sanctioned Units

The details are given in *Table-24* under *Annexure*.

25. Tripura

Projects sanctioned:

- The State proposed eight projects with an estimated cost Rs. 1085.01 lakh and received an amount of Rs. 867.88 lakh as Central Share.
- Renovation of MNERGA ponds, fish fingerling stocking in wetlands, cage culture in reservoir accounted the highest share of 79.6% followed by hatcheries, auto-rickshaw and solar power system with 20.4% of the total Central Share.

Progress of Projects:

- Renovation of MNERGA ponds in 280 ha and renovation of other ponds in 12.4 ha were completed.
- Fish fingerling stocking in wetlands in 1125 ha was completed.
- Pond Health Card- an innovative activity was completed.
- The State of Tripura utilized 68.5% of the Central Assistance; completed 93.6% and grounded 6.4% of the sanctioned Units.

The details are given in *Table-25* under *Annexure*.

26. Uttarkhand

Projects Sanctioned:

- The State proposed thirteen projects with an estimated cost Rs. 1273.75 lakh and received an amount of Rs. 1024.95 lakh as Central Share.
- Renovation of ponds, fish seed hatcheries, permanent fish farming units & raceways, running cold-water earthen units, installation of cages/pens accounted the highest share of 60% followed by freshwater fish brood bank and insulated truck 6- tonne capacity 40% of the total Central Share.

Progress of Projects:

- Renovation of ponds in 5 ha and construction of new ponds/tanks in inland saline/alkaline waters in 10 ha were completed.
- Sixty fish farming units & raceways, 60 running cold-water earthen units were completed.
- Installation of 48 cages in reservoir was completed.
- One freshwater fish brood bank was constructed and an insulated truck with 6-tonne capacity was acquired.

- The State of Uttarkhand utilized 89.8% of the Central Assistance; completed 95.5% and grounded 4.5% of the sanctioned Units.

The details are given in *Table-26* under *Annexure*.

27. Uttar Pradesh

Projects Sanctioned:

- The State proposed thirteen projects with an estimated cost Rs. 4786.00 lakh and received an amount of Rs. 1760.85 lakh as Central Share.
- Construction of new ponds, fish hatcheries, fish feed mills, renovation of ponds accounted for the highest share of 72.8%, followed by housing for fishers with 23% share and retail fish outlet, motor cycle with ice box & bicycle with ice box with 4.3% of the total Central Share.

Progress of Projects:

- Construction of ponds in 19.66 ha and renovation of ponds in 293.09 ha were completed.
- Twenty fish seed rearing units and 10 fish hatcheries were completed.
- One small & large feed mills and 9 solar power support system were completed.
- Fifty-six motor cycles with icebox, 6-auto rickshaws with icebox and 84 bicycles with icebox were allotted.
- Housing for 626 fishers completed.
- The State of Uttar Pradesh utilized 83.7% of the Central Assistance; completed 90.1% and grounded 9.9% of the sanctioned Units.

The details are given in *Table-27* under *Annexure*.

28. West Bengal

Projects Sanctioned:

- The State proposed 14 projects with an estimated cost of Rs. 1897.5 lakh and received an amount of Rs. 948.75 lakh as Central share.
- Production oriented activities *viz.*, renovation of brackishwater ponds, freshwater ponds, rejuvenation of urban ponds, development of waterlogged areas and running water units formed 94.4% share followed by infrastructure related activities and innovative activity with 8.2% of the total Central Share.

Progress of Projects:

- Renovation of existing brackish water ponds in 10 ha and renovation of existing freshwater ponds in 14.5 ha were completed.
- Development of waterlogged areas in 84.92 ha and 98 running water units were completed.

- Two freshwater fish hatcheries were constructed and 52 motor cycles with icebox units were allotted.
- Two small feed mills were constructed and an innovative activity (Hilsa conservation) was completed.
- The State of West Bengal utilized 43.77% of the Central Assistance; completed 46.8% and grounded 53.2% of sanctioned Units.

The details are given in *Table-28* under *Annexure*.

Annexure

Table-1 Schemes Sanctioned and Progress of Implementation in Andhra Pradesh

Rs. In lakh

Sl. No	Scheme	Total Project cost	Central Share		Physical Target (nos.)	Achievement as per Monitoring Visit		Subsequent Progress		Balance of Work	
			Amount	% to total		Physical (nos.)	Financial (Central Share)	Physical	Financial	Physical	Financial
1	Cage culture in reservoirs (Nos.)	216.0	108.0	7.7	72	48	72.0	24	36.0	Nil	Nil
2	Feed mills - Large (Nos.)	300.0	150.0	10.7	3	-	-	3	150.0	Nil	Nil
3	Feed mills - Small (Nos.)	100.0	50.0	3.6	10	1	5.0	-	-	9	45.0
4	Landing centres (Nos.)	200.0	100.0	7.2	50	50	100.0	-	-	Nil	Nil
5	Craft and gear (Nos)	500.0	250.0	17.9	500	500	250.0	-	-	Nil	Nil
6	Insulated Truck -6 tonne (Nos.)	150.0	75.0	5.4	10	10	75.0	-	-	Nil	Nil
7	Ice plants 2 tonnes (Nos.)	150.0	75.0	5.4	30	11	27.5	-	-	19	47.5
8	Ice plants 5 tonnes (Nos.)	250.0	125.0	8.9	20	10	62.5	-	-	10	62.5
9	Ice plants 10 tonnes (Nos.)	250.0	125.0	8.9	10	4	50.0	6	75.0	Nil	Nil
10	Mobile retail outlets (Nos.)	500.0	250.0	17.9	50	50	250.0	-	-	Nil	Nil
11	Solar freezing plant (Nos.)	150.0	75.0	5.4	10	10	75.0	-	-	Nil	Nil
	Administrative cost	27.66	13.83	1.0	-	-	13.83	-	-	-	-
Total		2793.66	1396.83	100.0	-	-	980.83	-	261.0		155.0

Annexure

Table-2 Schemes Sanctioned and Progress of Implementation in Assam

(Rs. lakhs)

Sl. No	Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit		Subsequent Progress		Balance of Work	
			Amount	% to total		Physical	Financial (Central Share)	Physical	Financial	Physical	Financial
1.	New ponds in Govt. sector with inputs (ha)	145.40	116.28	7.2	17.1	1	6.80	-	-	16.1	109.48
2.	New ponds in Pvt. sector with inputs	1384.70	1107.72	68.2	162.9	162.9	1107.20	-	-	Nil	0.52
3.	Renovation of ponds with Inputs	150.00	120.00	7.4	30	30	120.00	-	-	Nil	Nil
4.	Fish feed mill	120.00	96.00	5.9	12	-	-	-	-	12*	96.00
5.	Fish seed hatchery	130.00	104.00	6.4	10	-	-	-	-	10*	104.00
6.	Community hall	4.00	3.20	0.2	1	-	-	-	-	1*	3.20
7.	Housing for fishers	97.50	78.00	4.8	75	-	-	-	-	75*	78.00
	Total	2031.50	1625.20	100.0	-	-	1234.00	-	-	-	391.20

* Tender finalized, work allotted

Annexure

Table-3 Schemes Sanctioned and Progress of Implementation in Bihar

Rs. In lakh

Sl. N	Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit		Subsequent Progress		Balance of Work	
			Amount	% to total		Physical	Financial (Central Share)	Physical	Financial	Physical	Financial
1	Construction of new ponds (Ha)	1,050.42	525.21	27.0	150.06	101.19	316.76	15.545	82.1915	33.325	126.2585
2	Input cost for freshwater fish culture (Ha)	615.09	307.55	15.8	410.06	71.254	52.083	95.766	50.857	243.04	204.61
3	Stocking of fish fingerlings in beels (ha.)	50.0	25.0	1.3	1000	403.33	10.08	-	-	596.67	14.92
4	Wetland Development (Ha)	1,300.0	650.0	33.4	260	102.77	200.29	73.909	8.9181	83.321	440.7919
5	Cages in reservoirs (Nos.)	252.0	126.0	6.5	84	84	-	-	-	-	126.0
6	Fish hatcheries (Nos.)	440.0	220.0	11.3	20	20	-	-	44.0	-	176.0
7	Feed mills- Small (Nos.)	50.0	25.0	1.3	5	5	-	-	15.0	-	10.0
8	Feed mills - Large (Nos.)	100.0	50.0	2.6	1	1	-	-	-	-	50.0
	Administration Expenses	19.28	19.28	1.0	-	-	19.28	-	-	-	-
	Total	3,876.79	1,948.04	100.0	-	-	598.49	-	200.966	-	1148.58

Table-4 Schemes Sanctioned and Progress of Implementation in Chhattisgarh

(Rs. lakhs)

Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit		Balance of Work	
		Amount	% to total		Physical	Financial (Central Share)	Physical	Financial
New ponds	1400.0	700.0	52.8	200	200	700.0	Nil	Nil
Seed Rearing	81.0	40.5	3.1	13.5	13.5	40.5	Nil	Nil
Renovation of Ponds	200.0	100.0	7.5	100	100	100.0	Nil	Nil
Circular hatchery	100.0	50.0	3.8	4	4	50.0	Nil	Nil
Motor cycle with ice box	99.6	49.8	3.8	166	166	47.45	Nil	2.35
Feed mill- small	50.0	25.0	1.9	5	2	10.0	3	15.0
Feed mill- large	200.0	100.0	7.5	1	1	100.0	Nil	Nil
Fish retail outlets	200.0	100.0	7.5	20	1	5.0	19	95.0
Auto rickshaw with ice box	76.0	38.0	2.9	38	11	11.0	27	27.0
Bicycle with ice box	24.0	12.0	0.9	800	92	1.38	708	10.62
Ice plants	66.0	11.25	0.8	3	-	-	3	11.25
Saving cum relief	300.0	100.0	7.5	6665	6665	100.0	Nil	Nil
Total	2796.6	1326.55	100.0	-	-	1165.33	-	161.22*

*Unspent balance of Rs. 161.21896 lakh has been remitted to Gol.

Annexure

Table-5 Schemes Sanctioned and Progress of Implementation in Goa

(Rs. lakhs)

Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit (EY)		Balance of Work	
		Amount	% to total		Physical	Financial (Central Share)	Physical	Financial
Construction of new ponds/tanks Renovation of ponds	23.45	11.73	1.3	6.7	6.7	11.73	0	0
Inland Capture Fisheries –Craft and gear (No)	50.00	25.00	2.8	50	39	18.46	11	6.54
Input cost for brackish water fish/shrimp (Ha)	20.10	10.05	1.1	6.7	6.7	10.05	0	0
Rejuvenation of Urban/ Semi-Urban/ Rural Lakes/Tanks for fish culture (Ha)	70.00	35.00	3.9	20	0	0	20	35.00
Input cost for freshwater fish culture (Ha)	30.00	15.00	1.7	20	0	0	20	15.00
Establishment of Fishing Harbours and Landing Centres (Nos.)	12.00	6.00	0.7	3	4	6.00	-	-
Sub- total production oriented schemes	205.55	102.78	11.5	106.4	56.4	46.24	11	56.54
Insulated Truck of a minimum 6 tonne capacity (Nos.)	90.00	45.00	5.0	6	1	7.5	5	37.50
Insulated truck of a minimum 10 tonne capacity (Nos.)	260.00	130.00	14.4	13	11	96.52	2	33.48
Motorcycle with ice box (Nos.)	12.00	6.00	0.7	20	11	3.16	9	2.84
Auto rickshaw with ice box (Nos.)	40.00	20.00	2.2	20	4	4.00	16	16.00
Motorization of Traditional Craft (Nos.)	72.00	36.00	4.0	60	60	36.00	-	-
Establishment of retail fish outlets (Nos.)	50.00	25.00	2.8	5	4	20.00	1	5.00
Procurement of FRP boats upto 10m OAL (Nos.)	106.25	53.13	5.9	25	23	51.05	2	2.08
Development of Ice plants (Nos.)	125.00	62.50	6.9	3	0	0	3	62.50
Development of Cold Storages (Nos.)	125.00	62.50	6.9	3	0	0	3	62.50
Assistance for Dredging of Fishing Harbours/ Landing Centres.(Nos.)	416.72	208.36	23.2	1	3	208.36	0	0
Safety of Fishermen at Sea (Nos.)	200.00	100.00	11.1	100	0	0	100	100.0
Sub-total infrastructure	1496.97	748.49	83.1	256	117	426.59	35	321.9
Saving-cum Relief (For Inland & Marine Fishers (Nos.)	97.49	48.74	5.4	5416	0	0	5416	48.74
Sub-total Welfare schemes	97.49	48.74	5.4	5416	0	0	5416	48.74
Grand Total	1800.02	900.01	100.0			472.83		427.18

Table-6 Schemes Sanctioned and Progress of Implementation in Gujarat

Rs. In lakh

Sl. No	Scheme	Total Project cost	Central Share		Physical Target (nos.)	Achievement as per Monitoring Visit		Subsequent Progress		Balance of Work	
			Amount	% to total		Physical (nos.)	Financial (Central Share)	Physical	Financial	Physical	Financial
1	Construction of fresh water ponds (Ha)	56.0	28.0	6.7	8	8	-	-	28.0	-	-
2	Input cost for freshwater ponds (Ha)	12.0	6.0	1.4	8	-	-	-	-	8	6.0***
3	Feed mills- Small (No)	50.0	25.0	6.0	5	1	5.0	-	-	4##	20.0
4	Feed mills- Large (No)	200.0	100.0	24.0	1	1	100.0	-	-	-	-
5	Establishment of fresh water hatcheries. (No)	50.0	25.0	6.0	2	2	24.87	-	-	-	0.13
6	Establishment of prawn Hatcheries (No)	150.0	75.0	18.0	3	1	-	-	25.0	2	50.0#
7	Motorization of Traditional Craft (Nos.)	120.0	60.0	14.4	100	117	-	-	58.01	-	1.99
8	Pearl culture (Unit)	25.0	12.5	3.0	1	-	-	-	-	1**	12.5
9	Seaweed cultivation (Unit)	50.0	25.0	6.0	100	-	-	-	-	100*	25.0
10	Housing for fishers (Nos.)	120.0	60.0	14.4	100	100	60.0	-	-	-	-
	Total	833.0	416.5	100.0	-	-	189.87	-	111.01	-	115.49

Table-7 Schemes Sanctioned and Progress of Implementation in Haryana

(Rs. lakhs)

Sl. No	Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit (EY)		Balance of Work	
			Amount	% to total		Physical	Financial (Central Share)	Physical	Financial
1	Construction of new ponds/tanks (Ha)/brackish water	700.00	350.0	31.2	100	183.62	350	0	-
2	Renovation of existing ponds/tanks (Ha)	735.00	367.5	32.8	210	242.55	367.5	0	-
3	Input cost for freshwater fish culture (Ha)	465.00	232.5	20.7	310	265.92	226.8	44.08	5.70
4	Development of Waterlogged areas (Ha)	100.00	50.0	4.5	20	28.25	50	0	-
5	Waterlogged Areas - Inputs Cost (Ha)	30.00	15.0	1.3	20	20.58	13.7	0	1.30
6	Inland Saline/Alkaline Waters - Construction of new ponds/tanks (Ha)	105.00	52.5	4.7	15	21.12	52.5	0	-
7	Inland Saline/Alkaline Waters - Input cost (Ha)	22.50	11.25	1.0	15	17.92	10	0	1.25
8	Craft and gear (Nos)	37.00	18.5	1.6	37	48	18.50	0	-
9	Riverine Fisheries Conservation and Awareness Programme (Nos.)	40.00	20.0	1.8	10	10	20.00	0	-
10	Training, Skill development and capacity building (Nos)	4.80	4.80	0.4	200	200	4.8	0	-
	Grand total	2293.3	1122.05	100.0			1113.8		8.25*

Note: *As per the utilization certificate shared by the state, there is a balance of amount of INR 8.25 lakhs in terms of the central subsidy with the state government.

Table-8 Schemes Sanctioned and Progress of Implementation in Himachal Pradesh

Rs. lakhs)

Sl. No	Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit (EY)		Balance of Work	
			Amount	% to total		Physical	Financial (Central Share)	Physical	Financial
1	Construction of Raceways & Farming Units (No.)	212	169.6	16.1	106	106	169.6	-	-
2	One time Input Cost for Raceways & Farming Units (No.)	265	212	20.1	106	106	212	-	-
3	Construction of New Ponds (Ha.)	105	84	8.0	15	15	84	-	-
4	Renovation of ponds (Ha.)	35	28	2.7	10	10	28	-	-
5	Input cost for New & Renovated Ponds (Ha)	37.5	30	2.8	25	25	30	-	-
6	Stocking of fingerlings in Reservoir (Ha)	275	220	20.9	3	3	220	-	-
7	Construction of Hatcheries (No.)	100	80	7.6	4	4**	80	-	-
8	Construction of Landing Centres (No.)	90	72	6.8	3	3	72	-	-
9	Construction of Ice plant (No.)	35	28	2.7	1	1	28	-	-
10	Solar Power support system (No)	60	48	4.6	4	4*	48	-	-
11	Saving cum Relief (No.)	101.84	81.47	7.7	5092	5092	81.47	-	-
	Total	1316.34	1053.07	100.0	5369	5369	1053.07		
	Admin expenditure		29.25	-	-	-	-	-	-
	Grand total	1316.34	1082.32	100.0	5369	5369	1053.07	-	-

Note: *Completed but not operational; ** still under construction;

Table-9 Schemes Sanctioned and Progress of Implementation in Jammu Kashmir

(Rs. lakhs)

Sl. No	Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit (EY)		Subsequent Progress		Balance of Work	
			Amount	% to total		Physical	Financial (Central Share)	Physical	Financial	Physical	Financial
1	Construction of Ice plant cum Cold Storages (Nos.)	62.50	50.00	4.5	25	0*	0	1	29.55	24	20.45
2	Auto rickshaw with ice box (Nos.)	40.00	32.00	2.9	20	20	32	0	0	-	-
3	Bicycle with ice box (Nos.)	30.48	24.38	2.2	1016	1016	24.38	0	0	-	-
4	Construction of new ponds/tanks (Ha)/brackish water	76.00	56.00	5.0	67	67	55.94	0	0	0	0.06
5	Renovation of existing ponds/tanks (Ha)	105.00	84.00	7.6	200	192	14.84	192*	65.37	8	3.79
6	Input cost for freshwater fish culture (Ha)	60.00	48.00	4.3	267	267	47.96	0	0	0	0.04
7	Establishment of Fish seed hatcheries for Indian Major Carps (Nos.)	50.00	40.00	3.6	2	1	17.92	1	22.08	-	-
8	Construction of permanent farming units and Raceways (Units)	228.00	182.40	16.4	114	114	181.63	0	0	0	0.77
9	Raceways - Inputs Cost (units)	285.00	228.00	20.5	114	114	225.65	0	0	0	2.35
10	Inland Capture Fisheries - Craft and gear (Nos)	59.00	47.20	4.2	59	49	39.2	10	8.00	-	-
11	Inland Capture Fisheries - Construction of landing centres (Nos.)	20.00	16.00	1.4	5	4	11	11**	2.58	1	2.42
12	Inland Capture Fisheries - and Awareness Programme (Nos.)	4.00	3.20	0.3	1	0	0	1	2.60	0	0.60
13	Establishment Brood bank (Nos.)	400.00	300.00	27.0	1	1	70.9	1	110.58	0	118.52***
	Total	1419.98	1111.18	100.0	1891		721.42		240.76		149

Annexure

Table-10 Schemes Sanctioned and Progress of Implementation in Jharkhand

(Rs. lakhs)

Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit		Subsequent Progress		Balance of Work	
		Amount	% to total		Physical	Financial (Central Share)	Physical	Financial	Physical	Financial
Housing for fishers (Nos)	500.40	250.20	10.88	417	417	241.80	-	-	0	8.40
Installation of cages in reservoirs (Nos.)	3,000.00	1,500.00	65.21	2000	170	447.00	-	-	1830	1053.00
RFF/Pen Culture including inputs (Nos.)	1,080.00	540.00	23.48	360	0	0	0	0	360	540.00
Total	4580.40	2290.20	-	2777	587	688.80	0	0	2190	1601.40
Expenditure	20.00	10.00	0.43	-	-	-	-	-	-	-
Grand total	4600.40	2300.20	100.0	2777	587	688.80	0	0	2190	1601.40

Annexure

Table-11 Schemes Sanctioned and Progress of Implementation in Karnataka

(Rs. lakhs)

Sl.No.	Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit(EY)		Balance of Work	
			Amount	% to total		Physical	Financial (Central Share)	Physical	Financial
1	Motorization of Traditional Craft (Nos.)	360.00	180.00	13.1	300	370*	179.94	0	0.06
2	Procurement of FRP boats upto 10m OAL traditional/	102.00	51.00	3.7	24	52	32.01		18.99
3	Open sea cage culture (Nos.)	300.00	150.00	10.9	60	0	0	50**	150.0
4	Bivalve culture (Unit)	7.50	3.75	0.3	50	25	3.75		
5	Management of Marine Fisheries	5.00	5.00	0.4	1	1	0.5	1***	4.5
6	Development of Cold Storages (Nos.)	195.00	97.50	7.1	78	9	97.5		
7	Renovation /modernization of existing Ice plants (Nos.)	180.00	90.00	6.6	120	4	52.2	4	37.8
8	Refrigerated truck/container -10 tonne capacity. (Nos.)	50.00	25.00	1.8	2	0	0	2	25.0
9	Insulated truck of a minimum 10 tonne capacity (Nos.)	100.00	50.00	3.6	5	0	0	5	50.0
10	Insulated Truck of a minimum 6 tonne capacity (Nos.)	30.00	15.00	1.1	2	2	15		
11	Establishment of retail fish outlets (Nos.)	200.00	100.00	7.3	2	2	100		
12	Motorcycle with ice box (Nos.)	30.00	15.00	1.1	50	9	8.73	21	6.27
13	Setting up of mobile/retail fish outlet (Kiosk) (Nos.)	30.00	15.00	1.1	3	1	5	2	10.0
14	Construction of new ponds/tanks (Ha)/brackish water	420.00	210.00	15.3	60	19.48	71.8	40.52	138.20
15	Renovation of existing ponds/tanks (Ha)	35.00	17.50	1.3	10	0	0	10	17.50
16	Input cost for freshwater fish culture (Ha)	105.00	52.50	3.8	70	10.3	8.93	59.7	43.57
17	Fish Seed Rearing Units (Nos.)	60.00	30.00	2.2	10	0	0	10	30.00
18	Inland Capture Fisheries -Input cost (Ha)	15.00	7.50	0.5	10	0	0	10	7.50
19	Riverine Fisheries Conservation & Awareness Prog. (Nos.)	4.00	2.00	0.1	1	1	2	--	--
20	Integrated Development of Reservoirs (Nos.)	200.00	100.00	7.3	1	0	0	1	100.0
21	Installation of cages/pens in reservoirs (Nos.)	288.00	144.00	10.5	96	48	35.36	48	108.64
22	Training, Skill development and capacity building (Nos)	10.00	10.00	0.7	200	50	2.5	7.5	7.50
	Total	2726.5	1370.75	100.0			615.22		755.53

Annexure

Table-12 Schemes Sanctioned and Progress of Implementation in Kerala

Rs. In lakh

Sl. No	Scheme	Total Project cost	Central Share		Physical Target (nos.)	Achievement as per Monitoring Visit		Subsequent Progress		Balance of Work	
			Amount	% to total		Physical (nos.)	Financial (Central Share)	Physical	Financial	Physical	Financial
1	Construction of new ponds (Ha)	105.0	52.5	4.0	15	14.78	51.7	-	-	0.22	0.8
2	Renovation of existing ponds (Ha)	280.0	140.0	10.8	80	76.84	134.47	-	-	3.16	5.53
3	Installation of cages in brackish water (Nos.)	600.0	300.0	23.1	200	200	300.0	-	-	Nil	Nil
4	Open sea cage culture (Nos.)	800.0	400.0	30.8	160	-	-	-	-	160*	400.0
5	Fish retail outlets (Nos.)	500.0	250.0	19.3	50	-	150.0	-	-	50	100.0**
6	Housing for fishers (Nos.)	200.4	100.2	7.7	167	167	100.2	-	-	Nil	Nil
7	Training Programmes (Nos.)	17.6	17.6	1.4	8	7	15.84	-	-	1	1.76
	Administration Expenses	37.8	37.8	2.9	-	-	37.8	-	-	-	-
Total		2540.8	1298.1	100.0	-	-	752.21	-	-	-	508.1

Annexure

Table-13 Schemes Sanctioned and Progress of Implementation in Madhya Pradesh

(Rs. lakhs)

Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit		Subsequent Progress		Balance of Work	
		Amount	% to total		Physical	Financial (Central Share)	Physical	Financial	Physical	Financial
Construction of new ponds	854.0	427.0	30.5	122	122	427.0	-	-	Nil	Nil
Cage culture in reservoirs	930.0	465.0	33.2	310	100	150.0	-	-	210	315.0
Production – orientated sub-total	1784.0	892.0	63.7	432	222	577	-	-	210	315.0
Hatchery	100.0	50.0	3.6	4	3	37.5	-	-	1	12.5
Fish feed mill- Small	50.0	25.0	1.8	5	5	25.0	-	-	Nil	Nil
Ice plants	120.0	60.0	4.3	2	-	-	-	-	2	60.0
Mechanised boats	137.6	68.8	4.9	16	-	-	-	-	16	68.8
Motor cycle with ice box	8.4	4.2	0.3	14	-	-	-	-	14	4.2
Retail fish outlets	200.0	100.0	7.1	20	10	50.0	-	-	10	50.0
Infrastructure –Sub-total	616.00	308.00	22.0	61	18	112.5				195.5
Saving cum relief scheme	300.0	100.0	7.1	6667	6667	100.0	-	-	Nil	Nil
Housing for fishers	200.0	100.0	7.1	167	167	100.0	-	-	Nil	Nil
Welfare sub-total	500.0	200.0	14.2	6834	6834	200.0				-
Total	2900	1400.0	100.0	-	-	889.5	-	-	-	510.5

Annexure

Table-14 Schemes Sanctioned and Progress of Implementation in Maharashtra

(Rs. lakhs)

Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit (EY)		Subsequent Progress		Balance of Work	
		Amount	% to total		Physical	Financial (Central Share)	Physical	Financial	Physical	Financial
Construction of new ponds/tanks (Ha)/brackish water	105	52.5	3.6	15	0	0	15	48.56	0	3.94
Renovation of existing ponds/tanks (Ha)	175	87.5	5.9	50	18	7	3	7	47	73.5
Establishment of Fish seed hatcheries for IMC (Nos.)	50	25	1.7	2	1	12.5	2	12.5	0	0
Inland Capture Fisheries -Fish Seed Rearing Units (one time grant) (Nos.)	60	30	2	10	2	12.75	2	8.89	8	8.36
Input cost for freshwater fish culture (Ha)	93	46.5	3.2	62	11	3.47	10	3.34	52	39.69
Installation of cages/pens in reservoirs (Nos.)	180	90	6.1	60	17	45	60	39.36	0	5.64
Inland Capture Fisheries - Craft and gear (Nos)	25	12.5	0.8	25	8	4	14	7	11	1.5
Feed mills/plants- Small 1 to 5 quintals/day) (Nos.)	100	50	3.4	10	8	40	5	10	0	0
Estt. Fresh/ Brackish water Prawn Hatcheries (Nos.)	50	25	1.7	1	0	0	0	0	1	25
Construction of new ponds/tanks input(Ha)	300	150	10.2	100	0	0	2	6	98	144
Development of inland fisheries & aquaculture	1138	569	38.6	335	65	124.72	113	142.65	217	301.63
Saving-cum Relief (For both Inland & Marine Fishers) (Nos.)	60	30	2	2000	0	0	1769	26.54	231	3.46
Group Accident Insurance (Nos.)	65.86	32.93	2.2	323838	0	0	323838	27.62	0	5.31
Housing for fishers (Nos.)	78	39	2.7	65	0	0	65	19.5	0	19.5
Welfare schemes	203.86	101.93	6.9	325903	0	0	325672	73.66	231	28.27
Safety of Fishermen at Sea (Nos.)	547	273.5	18.6	2735	0	0	2664	273.48	71	0.01
Procurement of FRP boats including nets (Nos.)	40	20	1.4	10	0	0	0	0	10	20
Open sea cage culture (Nos.)	25	12.5	0.8	5	0	0	0	0	5	12.5
Bivalve culture (Unit)	3	1.5	0.1	20	0	0	0	0	20	1.5
Assistance for Dredging of Fishing Harbours/ Landing Centres. (Nos.)	800	400	27.2	2	0	0	0	0	2	400
Development of Ice plants (Nos.) by one FCS	100	50	3.4	1	1	48.16	0	0	0	1.84
Renovation /modernization of existing Ice plants (Nos.)	60	30	2	1	1	30	0	0	0	0
Insulated ice box (Nos.)	25	12.5	0.8	100	0	0	0	0	100	12.5
Infrastructural schemes	1600	800	54.3	2874	2	78.16	2664	273.48	208	448.35
Grand Total	2941.86	1470.93	99.8	329112	67	202.88	328449	489.79	656	778.25

Table-15 Schemes Sanctioned and Progress of Implementation in Meghalaya
(Rs. lakhs)

Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit(EY)		Balance of Work	
		Amount	% to total		Physical	Financial (Central Share)	Physical	Financial
Construction of ponds (Ha)	493.5	394.85	39.36	70.5	17.33	97.05	53.17	297.8
Renovation of ponds Govt (Ha.)	154.00	123.20	12.28	44	0	0*	44	123.2
Input for freshwater culture(Ha)	171.75	137.40	13.69	114.50	0	0	114.5	137.40
Inland capture fisheries -riverine	100	80.0	7.97	25	0	0	25	80
Training, Skill and capacity building (Nos)	120	120	11.96	1500	46	2.66	1454	117.34
A. Development schemes	1039.25	855.4	85.27			99.71		755.74
Fish feed mill- small (No.)	30	24	2.39	3	0	0	3	24
Establishment of hatcheries (Nos)	75	60	5.98	3	0	0	3	60
Retail fish outlets (Nos.)	20	16	1.59	2	0	0	2	16
Infrastructure schemes	125.0	100.0	9.96	0	0	0		100
Administrative expenses	47.77	47.77	4.76	-	-	47.77	0	0
Grand total (A+B)	1212.02	1003.17	100	1762	63.33	147.48	1698.67	855.74

Table-16 Schemes Sanctioned and Progress of Implementation

(Rs. lakhs)

Sl. No	Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit During September 2017		Subsequent Progress As on Feb 2019		Balance Work	
			Amount	% to total		Physical	Financial (Central Share)	Physical	Financial	Physical	Financial
1	New ponds with inputs	212.5	170.0	17.7	25	18.2	123.76	-	-	6.8	46.2
2	Pond renovation with inputs	500.0	400.0	41.7	100	85	340.0	-	-	15	60.0
3	Fish seed rearing units	75.0	60.0	6.3	10	10	30.6	-	-	Nil	29.4
4	Cage culture in reservoirs	150.0	120.0	12.5	50	50	120.0	-	-	Nil	Nil
5	Water logged area development	65.0	52.0	5.4	10	10	52.0	-	-	Nil	Nil
6	Mahaseer Hatchery*	20.0	16.0	1.7	2	2	16.0	-	-	Nil	Nil
7	Earthen units	20.0	16.0	1.7	20	20	16.0	-	-	Nil	Nil
8	Landing centres	20.0	16.0	1.7	5	4	12.8	-	-	1##	3.2
9	Fish seed hatchery	100.0	80.0	8.3	4	4	80.0	-	-	Nil	Nil
10	Fish feed mill	20.0	16.0	1.7	1**	1	16.0	-	-	Nil	Nil
11	Craft and gear	5.0	4.0	0.4	5	4	3.2	-	-	1###	0.8
12	Administrative cost	11.875	9.5	1.0	-	-	9.5	-	-	-	-
	Total	1199.37	959.5	100.0	-	-	819.86	-	-	23.8	139.64

Annexure

Table-17 Schemes Sanctioned and Progress of Implementation in Nagaland

(Rs. lakhs)

Sl. No	Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit		Subsequent Progress		Balance of Work	
			Amount	% to total		Physical	Financial (Central Share)	Physical	Financial	Physical	Financial
1	Construction of new ponds (ha)	350	280	34.15	50	50	280	-	-	-	-
2	Input cost for new ponds (ha)	75	60	7.32	50	50	60	-	-	-	-
3	Renovation of ponds (ha)	350	280	34.15	100	-	-	34	95.20	66	184.80
4	Input cost for renovated ponds (ha)	150	120	14.63	100	21.0	25.2	79	94.80	-	-
5	Rejuvenation of urban ponds (ha)	70	56	6.83	20	11.2	31.36	6.73	18.84	2.07	5.80
6.	Input cost for urban ponds (ha)	30	24	2.93	20	11.2	13.44	8.80	10.56	-	-
	Total	1025	820	100.00	340		410.00		219.40		190.60

Annexure

Table-18A Schemes Sanctioned under General Category Plan and Progress of Implementation in Odisha

Rs. In lakh

Sl. No	Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit		Subsequent Progress		Balance of Work	
			Amount	% to total		Physical	Financial (Central Share)	Physical	Financial	Physical	Financial
1	Construction of new ponds (ha).	749.0	374.5	35.3	107	107	374.50	-	-	-	-
2	Input cost for new ponds (ha).	205.5	102.75	9.7	137	137	102.75	-	-	-	-
3	Construction of brackish water ponds (ha).	231.0	115.5	10.9	33	33	115.50	-	-	-	-
4	Input cost for brackish water ponds (ha).	123.0	61.5	5.8	41	41	61.50	-	-	-	-
5	Renovation of freshwater ponds (ha).	105.0	52.5	4.9	30	30	52.50	-	-	-	-
6	Renovation of brackish water ponds (ha).	28.0	14.0	1.3	8	8	14.00	-	-	-	-
7	Development of water logged areas (ha).	25.0	12.5	1.2	5	5	12.50	-	-	-	-
8	Input cost for waterlogged areas (ha).	7.5	3.75	0.4	5	5	3.75	-	-	-	-
9	Hatcheries (No.)	50.0	25.0	2.4	2	2	25.00	-	-	-	-
10	Fish landing centres (No.)	4.0	2.0	0.2	1	1	2.00	-	-	-	-
11	Motorisation of traditional crafts (No.)	284.4	142.2	13.4	237	803	142.20	-	-	-	-
12	Safety of fishermen at sea (No.)	190.0	95.0	9.0	95	1118	95.00	-	-	-	-
	Admin expenses	60.0	60.0	5.7	-	-	60.0	-	-	-	-
Total		2062.4	1061.2	100.0	-	-	1061.2	-	-	-	-

Table-18B Schemes Sanctioned under SC/ST Plan and Progress of Implementation in Odisha

Rs. in lakh

Sl. No	Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit		Subsequent Progress		Balance of Work	
			Amount	% to total		Physical	Financial (Central Share)	Physical	Financial	Physical	Financial
1	Construction of new ponds	700.0	350.0	17.6	100	84.29	295.0	-	-	15.71	55.00
2	Input cost for new ponds	150.0	75.0	3.8	100	84.29	63.21	-	-	15.71	11.79
3	Construction of brackish water ponds (ha) with inputs	1000.0	500.00	25.2	100	31.55	142.0	-	-	68.45	358.00
4	Renovation of freshwater ponds	350.0	175.0	8.8	100	77.19	135.08	-	-	22.81	39.92
5	Input cost for renovated ponds	150.0	75.0	3.8	100	77.19	57.89	-	-	22.81	17.11
6	Development of water logged areas	325.0	162.5	8.2	50	10.38	33.75	-	-	39.62	128.75
7	Hatcheries	200.0	100.0	5.0	8	6	75.0	-	-	2	25.00
8	Motorisation of traditional crafts	120.0	60.0	3.0	200	159	43.31	-	-	41	16.69
9	Fish Transport infrastructures	400.0	200.0	10.1	550	398	154.38	-	-	152	45.62
10	Crafts & Gears	150.0	75.0	3.8	300	231	57.9	-	-	69	17.10
11	Assistance to traditional fishermen for FRP boat	425.0	212.5	10.7	100	32	65.26	-	-	68	147.24
Total		3970.0	1985.0	100.0	-	-	1122.79	-	-	-	862.21

Annexure

Table-19 Schemes Sanctioned and Progress of Implementation in Puducherry
Rs. In lakh

Sl. No	Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit		Subsequent Progress		Balance of Work	
			Amount	% to total		Physical	Financial (Central Share)	Physical	Financial	Physical	Financial
1	Construction & input cost for freshwater Aquaculture (Ha)	59.5	29.75	11.9	7	-	-	5.515	23.44	1.485**	6.31
2	Construction & Input cost for brackish water Aquaculture (Ha)	40.0	20.0	8.0	4	-	-	1.7	8.5	2.3***	11.5
3	Motorization of Traditional Craft (Nos.)	200.4	100.2	40.1	167	-	-	-	-	167*	100.2
4	Saving-cum Relief (For both Inland and Marine Fishers) (Nos.)	150.0	100.0	40.0	3333	3333	100.0	-	-	Nil	Nil
Total		449.9	249.95	100.0	-	-	100.0	-	31.94	-	118.01

Table-20 Schemes Sanctioned and Progress of Implementation in Punjab
(Rs. lakhs)

Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit(EY)		Balance of Work	
		Amount	% to total		Physical	Financial (Central Share)	Physical	Financial
Construction of retail fish market (NO)	200	100	10.0	20	0	0	20	100.0
Establishment of Fish Feed Mill (NO)	198.00	99.00	9.90	25	15	57.20	10	41.8
Aquatic Animal Health Laboratory (NO)	200.00	100.00	10.0	20	11	57.50	9	42.5
Innovative activities – Deboning machine	60.00	30.00	3.0	5	0	0	5	30.0
Establishment of Integrated Hatchery	1000.00	500.00	50.0	1		250.00	1	250.0
Setting up of mobile /retail fish outlet(NO)	250.00	125.00	12.5	1	0	0	1	125.0
Admin. Expenses	45.00	45.00	4.50	6	0	0	6	45.0
Total	1953.00	999.00	100.0	-		364.40		634.3

Annexure

Table-21 Schemes Sanctioned and Progress of Implementation in Rajasthan

Rs. In lakh

Sl. No	Scheme	Total Project cost	Central Share		Physical Target (nos.)	Achievement as per Monitoring Visit		Subsequent Progress		Balance of Work	
			Amount	% to total		Physical (nos.)	Financial (Central Share)	Physical	Financial	Physical	Financial
1	Establishment Brood bank (Nos.)	500.0	250.0	48.3	1	-	125	-	-	1	125
2	Installation of cages/pens in reservoirs (Nos.)	500.0	250.0	48.3	170	-	-	-	-	170	250
3	Housing for fishers (Nos.)	24.0	12.0	2.3	20	20	6.06	-	-	Nil	5.94
4	Saving-cum Relief fund (Nos.)	6.102	6.102	1.2	678	983	6.03	-	-	Nil	0.072
Total		Total	1030.102	518.102	100.0	-	-	137.09	-	-	381.012

Table-22 Schemes Sanctioned and Progress of Implementation in Sikkim

Rs. In lakh

Sl. No	Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit		Subsequent Progress		Balance of Work	
			Amount	% to total		Physical	Financial (Central Share)	Physical	Financial	Physical	Financial
1	Construction of Raceways with input cost (No)	450.0	360.0	75.1	100	50	266.49	-	-	50*	93.51
2	Running water earthen units with input cost (No)	82.5	66.0	13.8	50	35	47.83	-	-	15*	18.17
3	Riverine fisheries conservation programme (No.)	4.0	3.2	0.7	1	-	0.5	-	-	1*	2.7
4	Innovative activity: Trout Hatchery	45.0	36.0	7.5	3	-	27.0	-	-	3*	9.0
	Administrative Expenses	17.45	13.96	2.9	-	-	13.96	-	-	-	-
Total		598.95	479.16	100.0	-	-	355.78	-	-	-	123.38

Annexure

Table-23 Schemes Sanctioned and Progress of Implementation in Tamil Nadu
Rs. In lakh

Sl. No	Scheme	Total Project cost	Central Share		Physical Target (nos.)	Achievement as per Monitoring Visit		Subsequent Progress		Balance of Work	
			Amount	% to total		Physical (nos.)	Financial (Central Share)	Physical	Financial	Physical	Financial
1	Construction of new fresh water ponds/tanks (Ha)	420.0	210.0	21.2	60	47.06	157.12	12.397	45.24	0.543	7.64
2	Renovation of freshwater ponds/tanks (Ha)	35.0	17.5	1.8	10	10.1	15.42	0.434	0.737	Nil	1.34
3	Input cost for New & Renovated FW ponds (Ha)	105.0	52.5	5.3	70	42.36	14.3	25	32.34	2.64	5.86
4	Construction of brackish water ponds/tanks (Ha)	280.0	140.0	14.1	40	29.38	78.18	-	-	10.62	61.82
5	Renovation of brackish water ponds (Ha)	210.0	105.0	10.6	60	38.58	64.21	12.47	21.76	8.95	19.03
6	Input cost for New & Renovated BW ponds (Ha)	300.0	150.0	15.1	100	35.58	40.45	33.36	76.07	31.06	33.48
7	Renovation of MNERGA ponds and tanks (Ha)	105.0	52.5	5.3	30	-	-	-	-	30*	52.5
8	Input for MNERGA ponds (Ha)	45.0	22.5	2.3	30	-	-	-	-	30*	22.5
9	FRP boats with insulated ice box (Nos.)	425.0	212.5	21.4	100	47	14.88	45	180.62	8	17.0
10	Solar power system (Nos.)	60.0	30.0	3.0	4	3	21.8	1	7.5	Nil	0.7
	Total	1985.0	992.5	100.0	-	-	406.36	-	364.267	-	221.87

Notes: * Two more projects were sanctioned to the states namely Deep sea fishing & construction of fishing harbours.

Annexure

Table-24 Schemes Sanctioned and Progress of Implementation in Telangana

(Rs. lakhs)

Sl. No	Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit		Subsequent Progress		Balance of Work	
			Amount	% to total		Physical	Financial (Central Share)	Physical	Financial	Physical	Financial
1	Construction of new ponds (Ha)	140.0	70.0	4.8	20	11	38.52	-	-	9*	31.48
2	Input cost for new ponds (Ha)	30.0	15.0	1.0	20	9	6.74	-	-	11	8.26
3	Installation of cages in reservoirs (Nos.)	2000.0	1000.0	68.3	690	380	570.0	-	-	310	430.0
4	Fish seed hatcheries (Nos.)	100.0	50.0	3.4	4	2	43.75	-	-	2	6.25
5	Fish Seed Rearing Units (Nos.)	60.0	30.0	2.0	10	9	22.5	-	-	1	7.5
6	Input cost for rearing units (Nos)	15.0	7.5	0.5	10	6	4.5	-	-	4	3.0
7	Construction of Landing Centres (Nos.)	16.0	8.0	0.5	4	2	2.0	-	-	2	6.0
8	Feed mill - Small (Nos.)	40.0	20.0	1.4	4	2	5.0	-	-	2	15.0
9	Establishment Brood bank (Nos.)	500.0	250.0	17.1	1	-	-	-	-	1	250.0
	Administration Expenses	29.0	14.5	1.0	-	-	14.5	-	-	-	-
Total		2930.0	1465.0	100.0	-	-	707.51	-	-	-	757.49

Annexure

Table-25 Schemes Sanctioned and Progress of Implementation in Tripura

(Rs. lakhs)

Sl. No	Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit		Subsequent Progress		Balance of Work	
			Amount	% to total		Physical	Financial (Central Share)	Physical	Financial	Physical	Financial
1	Renovation of MNERGA ponds with Inputs	595.0	476.0	54.8	280	280	476.0	-	-	Nil	Nil
2	Pond renovation	43.4	34.72	4.0	12.4	12.4	34.72	-	-	Nil	Nil
3	Cage culture in reservoirs	120.0	96.0	11.1	40			46	96.0	Nil	Nil
4	Fingerling stocking in wetlands	45.0	36.0	4.1	1125	1125	36.0			Nil	Nil
5	Fish seed hatchery	75.0	60.0	6.9	3	-	-	3	60.0	Nil	Nil
6	Auto-rickshaw with ice box	102.0	81.6	9.4	51	-	-	51	81.6	Nil	Nil
7	Solar power support system	45.0	36.0	4.1	3	-	-	3	36.0	Nil	Nil
.8	Innovative activities- Pond Health card	59.61	47.56	5.5	1	1	47.56	-	-	Nil	Nil
	Total	1085.01	867.88	100.0			594.3		273.6	Nil	Nil

Table-26 Schemes Sanctioned and Progress of Implementation in Uttarakhand
(Rs. lakhs)

Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit (EY)		Subsequent Progress		Balance of Work	
		Amount	% to total		Physical	Financial (Central Share)	Physical	Financial	Physical	Financial
Renovation of existing ponds/tanks (Ha)	17.50	14.00	1.4	5	5	14			0	-
Establishment of Fish seed hatcheries for IMC & other fin fish. (Nos.)	25.00	20.00	2.0	1					1	20.00
Solar power support system for aquaculture (Nos.)	15.00	12.00	1.2	1	1	12			0	-
Construction of Raceways (Units)	120.00	96.00	9.4	60	60	96			0	-
Running cold water earthen units (Units)	60.00	48.00	4.7	60	60	48			0	-
Inputs Cost raceways (Ha)	150.00	120.00	11.7	60	60	120			0	-
Inland Saline/Alkaline Waters - Construction of new ponds/tanks (Ha)	70.00	56.00	5.5	10	10	56			0	-
Inland Saline/Alkaline Waters - Input cost (Ha)	22.50	18.00	1.8	15	15	18			0	-
Inland Capture Fisheries -Fish Seed Rearing Units (one time grant) (Nos.)	84.00	67.20	6.6	14					14	67.20
Inland Capture Fisheries -Input cost (Ha)	21.00	16.80	1.6	14					14	16.80
Installation of cages/pens in reservoirs (Nos.)	144.00	115.20	11.2	48	48	115.2			0	-
Training, Skill development and capacity building (Nos)	29.75	29.75	2.9	350	350	29.75			0	-
A. Development schemes	758.75	612.95	60	638	609	508.95	0	0	29	104
Establishment Brood bank (Nos.)	500.00	400.00	39.0	1	1	400			-	-
Insulated Truck of a minimum 6 tonne capacity (Nos.)	15.00	12.00	1.2	1	1	12			0	-
Total	1273.75	1024.95	100.0	640	611	920.95				104

Annexure

**Table-27 Schemes Sanctioned and Progress of Implementation in Uttar Pradesh
(Rs. lakhs)**

Scheme	Total Project cost	Central Share		Physical Target	Achievement as per Monitoring Visit (EY)		Subsequent Progress		Balance of Work	
		Amount	% to total		Physical	Financial (Central Share)	Physical	Financial	Physical	Financial
Construction of new brackish water ponds (Ha)	154.00	77.00	4.4	22	19.66	68.81	0	0		8.19
Renovation of existing ponds/tanks (Ha)	1,137.50	568.75	32.7	325	293.09	512.91	0	0		55.84
Input cost for fresh water fish culture(Ha)	520.50	260.25	15.0	347	285.46	214.09	0	0		46.16
Fish Seed Rearing Units (Nos.)	120.00	60.00	3.5	20	14.0	42.0	0	0		18
Establishment of Fish seed hatcheries for Indian Major Carps (Nos.)	250.00	125.00	7.2	10	8.0	100.0	0	0		25
Feed mills/plants- Small 1 to 5 quintals/day) (Nos.)	10.00	5.00	0.3	1	1.0	5.0	0	0		0
Feed mills/plants- Large @ 6 to 10 tonne/hour or more) (Nos.)	200.00	100.00	5.8	1	1.0	100.0	0	0		0
Solar power support system (Nos.)	135.00	67.50	3.9	9	1.0	7.5	0	0		60
Development schemes	2527	1263.5	72.8	0	623.21	1050.31	0	0	0	213.19
Motorcycle with ice box (Nos.)	33.60	16.80	1.0	56	56.0	16.8	0	0		0
Auto rickshaw with ice box (Nos.)	12.00	6.00	0.3	6	6.0	6.0	0	0		0
Bicycle with ice box (Nos.)	2.52	1.25	0.1	84	84.0	1.25	0	0		0
Establishment of retail fish outlets (Nos.)	132.20	50.00	2.9	1	0	0	0	0		50
B. Infrastructure schemes	180.32	74.05	4.3		146	24.05	0	0	0	50
Housing for fishers (Nos.)	2,031.30	399.60	23.0	666	626.0	399.6	0	0		0
C. welfare schemes	2,031.30	399.60	23.0	33 dists.	626.0	399.6	0	0		0
Admin expenses	47.38	23.69	-	-	-	-	-	-	-	-
Total	4786.00	1760.85	100.0	1548	1395.21	1473.97	0	0		263.19

Annexure

Table-28 Schemes Sanctioned and Progress of Implementation in West Bengal

Rs. Lakh

Sl. No	Scheme	Total Project cost	Central Share		Physical Target (nos.)	Achievement as per Monitoring Visit		Balance of Work	
			Amount	% to total		Physical (nos.)	Financial (Central Share)	Physical	Financial
1	Construction of fresh water ponds (Ha)	70.0	35.0	3.7	10	-	-	10	35.0
2	Input for fresh water ponds (Ha)	15.0	7.5	0.8	10	-	-	10	7.5
3	Construction- brackish water ponds (Ha)	105.0	52.5	5.5	15	-	-	15	52.5
4	Renovation - brackish water ponds (Ha)	140.0	70.0	7.4	40	10	17.5	30	52.5
5	Input costs in brackish water (Ha)	78.0	39.0	4.1	52	10	7.5	42	31.5
6	Renovation of fresh water ponds (Ha)	70.0	35.0	3.7	20	14.5	25.375	5.5	9.625
7	Input cost - renovated ponds (Ha)	30.0	15.0	1.6	20	14.5	10.875	5.5	4.125
8	Rejuvenation of urban ponds (Ha)	42.0	21.0	2.2	12	-	-	12	21.0
9	Input for rejuvenated ponds (Ha)	18.0	9.0	0.9	12	-	-	12	9.0
10	Development of waterlogged areas (Ha)	800.0	400.0	42.2	160	84.92	212.3	75.08	187.7
11	Input cost for waterlogged areas (Ha)	199.5	99.75	10.5	133	84.92	63.69	48.08	36.06
12	Running water Unit (Nos)	25.0	12.5	1.3	25	98	12.5	Nil	Nil
13	Construction of raceways (Nos)	50.0	25.0	2.6	25	-	-	25	25.0
14	Hatchery fresh water (Nos)	50.0	25.0	2.6	2	2	25.0	Nil	Nil
15	Hatchery brackish-water	50.0	25.0	2.6	1	-	-	1	25.0
16	Insulated truck - 6 ton cap. (Nos)	45.0	22.5	2.4	3	-	-	3	22.5
17	Motor cycle with ice box (Nos)	60.0	30.0	3.2	100	52	15.6	48	14.4
18	Feed mill - small (Nos)	20.0	10.0	1.1	2	2	10.0	Nil	Nil
19	Hilsa Conservation (Innovative) (Nos)	30.0	15.0	1.6	1	1	15.0	Nil	Nil
	Total	1897.5	948.75	100.0	-	-	415.34	-	533.41

XII. Members of the Governing Body

1.	Agriculture Minister, Government of India, (Ex-Officio)	Chairman
2.	Minister of State In-charge Department of Animal Husbandry, Dairying, And Fisheries, Government of India, (Ex-Officio)	Vice Chairman
3.	Member (Agriculture), Planning Commission, Government of India, (Ex-Officio)	Member
4 -33	Ministers in-charge of Fisheries of all States and Union Territories	Members
34.	Secretary, Department of Animal Husbandry Dairying and Fisheries, Government of India, (Ex-Officio)	Member
35.	Secretary, Department of Agriculture and Cooperation Government of India, (Ex-Officio)	Member
36.	Secretary, Department of Agriculture Research and Education, Government of India, (Ex-Officio)	Member
37.	Secretary, Department of Commerce, Government of India, (Ex-Officio)	Member
38.	Secretary, Ministry of Food Processing Industries, Government of India, (Ex-Officio)	Member
39.	Secretary, Ministry of Panchayati Raj,	Member

	Government of India, (Ex-Officio)	
40.	Chairman, Coastal Aquaculture Authority, Chennai (Ex-Officio)	Member
41.	Chairman, NABARD, Mumbai, (Ex-Officio)	Member
42.	Joint Secretary, Department of Animal Husbandry Dairying and Fisheries, Government of India, (Ex-Officio)	Member
43.	Chief Executive, NFDB, Hyderabad	Member
44-58	Representatives (to nominate) from groups and associations of fish farmers, Fishing craft operators and exporters	

XIII. Members of the Executive Committee

1.	Secretary, Department of Animal Husbandry, Dairying & Fisheries, Government of India, New Delhi. (Ex-Officio)	Chairman
2.	Financial Advisor & Additional Secretary, Department of Animal Husbandry, Dairying & Fisheries, Government of India, New Delhi. (Ex-Officio)	Member
3.	Advisor (Agriculture), Planning Commission, Government of India, New Delhi. (Ex-Officio)	Member
4.	Joint Secretary (Fisheries), Department of Animal Husbandry, Dairying & Fisheries, Government of India, New Delhi. (Ex-Officio)	Member

5.	Joint Secretary, Ministry of Food Processing Industries, Government of India, New Delhi. (Ex-Officio)	Member
6.	Managing Director, NABARD, Mumbai. (Ex-Officio)	Member
7.	Deputy Director General (Fisheries), ICAR, New Delhi. (Ex-Officio)	Member
8.	Chairman, Marine Products Export Development Authority (MPEDA), Kochi. (Ex-Officio)	Member
9.	Member Secretary, Coastal Aquaculture Authority, Chennai. (Ex-Officio)	Member
10 to 13.	Four Secretaries in charge of Fisheries of State Governments. (Ex-Officio)	Members
14.	Chief Executive of NFDB (Ex-Officio)	Member-Secretary

XIV. Chief Executive of the Board

The Chief Executive is the Principal Executive Officer of the Board. The Chairman of the Governing Body of the Board with the previous approval of the Central Government will appoint the Chief Executive with the terms and conditions as specified by the Government. It shall be the duty of the Chief Executive to coordinate and exercise general supervision of overall activities of the Board and accountable to the Governing Body, the Executive Committee and the Central Government. He shall prescribe the duties of all officers and staff of the Board and shall exercise such supervision and disciplinary control as may be necessary in accordance with the rules.

XV. YEAR WISE BUDGET ALLOCATION

Status of funds received as grant from Government of India and utilized from inception of the Board is given below.

Amount Rs. in Lakh

Year	Grants in aids Received	Sanctioned Amount	No. of Projects sanctioned	Projects Completed	Projects Ongoing
2006-07	3000	259.17	18	18	0
2007-08	5000	2,371.23	175	173	2
2008-09	4690	7,891.38	150	148	2
2009-10	10000	11,230.58	147	143	4
2010-11	9230	14,705.80	255	213	42
2011-12	10800	19,545.97	279	228	51
2012-13	10681	18,484.52	268	229	39
2013-14	12416	15,782.78	383	332	51
2014-15	13760	6,873.76	445	365	80
2015-16	14868	3,395.72	192	116	76
2016-17	3239.03	3,902.22	234	75	159
2017-18	1600.52	2,315.57	108	19	89
Total	99284.55	106,758.69	2654	2059	595

XVI. RIGHT TO INFORMATION ACT

In the year 2017-18, NFDB has received 11 (Eleven) numbers of RTI applications under the Right to Information act, 2005, out of which 4 (Four) numbers of application were received through RTI online portal and 7 (Seven) numbers of applications were received by Post. For 4 numbers RTI online applications the information was uploaded in the online portal of RTI and was dispatched to the applicant by post. The reply/information for the other (7) seven RTI applications was dispatched by post only. The details are as follows:

Sl. No	Name of the applicant	Address of the applicant	Information sought	Online Regd. No./ Reference No. of RTI application received & Date of receipt.
1	Mr. Raxon Fernondo	3/72, Sippikulam, Vilathikulam-Tk, Dist- Thoothukudi, pin- 628903	Details of beneficiary for Marine cage farming Details of the financial assistance for Mariculture at National level and Tamilnadu State during 2016 to 2017. Certified copy of the Project details implemented for cage Culture in Open sea etc.	RTI online Regd. No. NFDBH/ R/ 2017/ 50005, dated 29.8.2017
2	Ms. Manju Paliwal	Hanuman Kunj, Sant Nagar, Burari, Pin-110084	1. List of fisheries consultant recruited by NFDB in Sept, 2016, Advt. No. NFDB/ Admn/Con/270/2015 2. Details of their eligibility 3. Mark details of all the candidate who appear in the Exam and Interview.	RTI online. Regd. No. NFDBH/ R/ 2017/ 80002, dated 30/8/2017
3	Sri Libi Marde	OBT NITI Vihar, VIP Road, Near Bethany English School, Ward No. 08, IMC/D-99, Itanagar, Pin No. 791111, Dist- Papumpare, Arunachal Pradesh.	1. Certified copy of total fund sanctioned for the development fish culture for AP State for the year 2011-12 & 2017-18 2. Certified copy of total fund sanctioned under BR for State of AP for FY 2011-12 & 2017-18 3. Certified copy of UC for BR AP for 2011-12 & 2017-18 4. Information regarding various grant in Aid given to the State AP	NFDB inwards No. 13392, dated 8/9/2017

Sl. No	Name of the applicant	Address of the applicant	Information sought	Online Regd. No./ Reference No. of RTI application received & Date of receipt.
4	Mr. Prakash Premchand Kaknani (RTI activist)	Plot. No. DBZ-N-184, WARD 12-A, Gurudwara Road, Gandhidham, Kutch Mob: 98258 86939	1. Information sought that, who can apply for inland fish farming project 2. How one can apply for subsidy/ help from which department to start new inland fish farming project. 3. Land issue on Fish farming, tenure of lease, pond area & amount for subsidy and more nineteen questionaries.	NFDB Inwards No. 13664, dated 27.9.2017
5	Smt. G.V.L. Kantha Kumari	H. No. 10-5-76/18/1 Thukaramgate, Lallaguda, Secunderabad- 500 017	Permission given for Fish cultivation/ Aqua Culture in fish tank of Acres: 87.81 Cts	NFDB Inward No. 14486, dated 23/11/2017
6	Mr. A. Selvam	S/O. Ayyavu, Punalvasal East, Post-Ottangadu, Taluk- Pattukkottai, Dist- Thanjavur, State- Tamil Nadu, Pin-614 803	Details of subsidy for Fish farming, rate of interest for Bank loan, guaranter for the subsidy, unit cost for construction of fish farm etc.	NFDB Inwards No. 14879, dated 22/12/2017
7	Mr. Amit Ranjan	S/O- Jawahar Prasad Singh, At-Dhamadaha Thakurbari Tola Po/Ps- Dhamdaha Dist: Purnea Bihar-854205	Sought information for the recruitment process of Consultants like eligibility, Influence in the selection process and questioned about the selection process of NFDB	RTI online dated NFDBH/R/2017/5 0007, dated 17.11.2017
8	Mr. D Abhisek	S/O- Mr. Dilip Kumar H. No. 1-4-172/8, Near Saraswati Shishumandir, Adarsh Nagar, Nirmal District, Telangana- 504 106	No. of candidates shortlisted for appearing the written test of EA (Tech.) , their DOB, and status of the examination process	RTI online no. NFDBH/R/2017/5 0008, dated 24.11.2017
9	Mr. Haji Abdur Rahman Qureshi	Al-Karim Enterprises, " QureshManjil", Opp. Axis Bank, Mental Hospital Square, Near Nirmalas Mart, Nagpur- 440013 (Maharashtra)	Information regarding all publications and Non technical notes, Copy of Price list, Catalogue, brochures of all publications & copies of Non-technical notes and list of process know how available for commercial exploitation.	Ref. No. G-8, Al-Karim Enterprises, dated 7/1/2018
10	Mr. R. Kannaiyan	S/O- Ramaswamy, Door- 211, West Street, AkkaraiVattam, Orthanadu, T.K, Tamil Nadu-614614	Sought information for bank loan, subsidy process, age limit for bank loan and project report for this kind of loan etc.	NFDB Inwards No. 1581, dated 12/3/2018
11	Mr. Rajendra Palnati	Srinagar Colony Road, Panjagutta, Hyderabad- 82	No. of Fisheries Centres, Tanks and amount allotted district wise and what are the States.	NFDB Inwards no. 1220, dated 26.2.2018

XVII. QUESTIONS ON NFDB IN LOK SABHA / RAJYA SABHA

In the year 2017-18, NFDB submitted draft replied/ answers to DADF for 20 Lok Sabha & 15 Rajya Sabha Questions on fisheries developmental activities undertaken by the NFDB, pertaining to the following aspects:

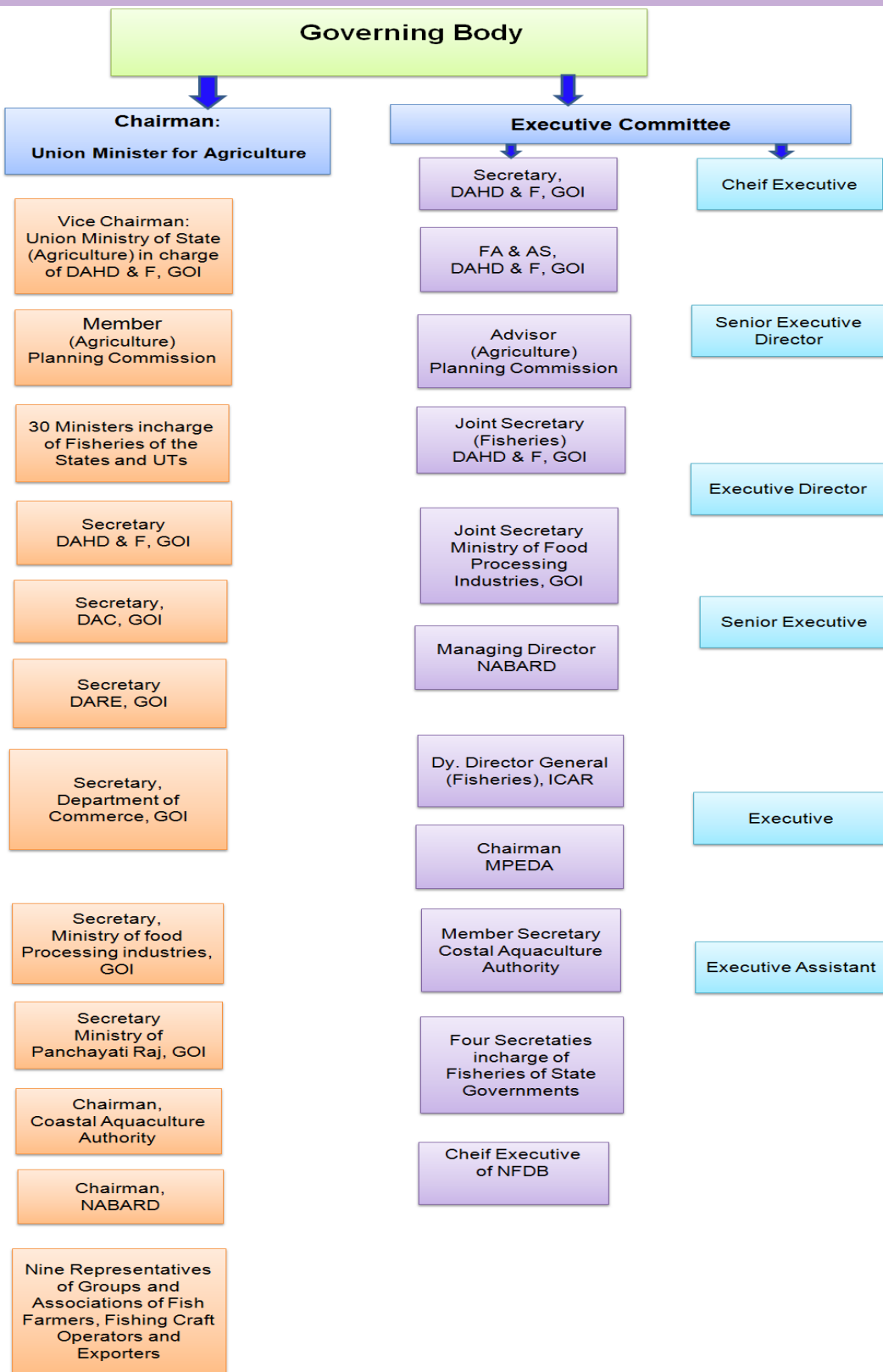
(A) Inputs submitted to DADF on Lok Sabha Questions during 2017-18

- (1) Development of Fisheries
- (2) Fishing Harbours
- (3) Insurance of Fish Ponds
- (4) Assistance to Fishermen
- (5) Promotion of Mariculture and Open Sea Cage Culture activity
- (6) Open Sea Cage Farming under Blue Revolution
- (7) Loan to Farmers
- (8) Insurance for Pisciculture
- (9) Fish Adulteration
- (10) Non-availability of quality seeds for production of vannamei prawns
- (11) Setting up of Fishing Harbours
- (12) GST on Fishing Equipments
- (13) Pending development project
- (14) Blue Revolution
- (15) Decline in performance in fisheries
- (16) Use of carcinogenic substances to preserve fish
- (17) Assistance to Fishermen
- (18) Insurance of Fish Ponds
- (19) Fishing Harbour
- (20) Development of Fisheries

(B) Inputs submitted to DADF on Rajya Sabha Questions during 2017-18

- (1) Development of fish landing jetties/wharf at Cuddalore in Tamil Nadu
- (2) Infrastructure for fishing harbours and cold storage in West Bengal
- (3) Status of proposal under Blue Revolution
- (4) Insurance cover for Fish Ponds in Odisha
- (5) Promoting Mariculture
- (6) Promoting Mariculture
- (7) Development of inland Fisheries and Aquaculture in Odisha
- (8) Cage Farming in Karnataka
- (9) Funds for deep sea fishing vessels
- (10) Separate funds for welfare of fishermen
- (11) Schemes for traditional fishing
- (12) Insurance cover for Fish Ponds in Odisha
- (13) Status of proposal under Blue Revolution
- (14) Infrastructure for fishing harbours and cold storage in West Bengal
- (15) Development of fish landing jetties/wharf at Cuddalore in Tamil Nadu

XVIII. ORGANIZATIONAL CHART



XIX. NFDB OFFICERS AND STAFF

S.No.	Name	Designation	From	To
1	Smt. I Rani Kumudini, IAS	Chief Executive	30.06.2017	Continuing
2	Dr. Utpal Kumar Sar	Executive Director (T)	01.03.2016	31.08.2017
3	Dr. Bimal Kinkar Chand	Executive Director (T)	05.04.2016	Continuing
4	Shri. G. Rathinaraj	Executive Director (T)	30.08.2017	Continuing
5	Shri. G.V. Lazarus	Executive Director (Infra)	05.07.2012	31.08.2017
6	Dr. Manne Persis	Sr.Executive (T)	01.07.2014	Continuing
7	Shri. B.V. Balaji	Sr.Executive (A&F)	03.02.2016	31.08.2017
8	Shri. Subrat Dash	Sr.Executive (T)	04.01.2016	12.05.2017
9	Shri. Apurba Kumar Das	Sr.Executive (T)	11.03.2016	05.04.2018
10	Shri. Vishwanatha T.S.	Sr.Executive (T)	01.09.2017	Continuing
11	Shri. Chandan Chetri	Sr.Executive (T)	01.04.2011	7.072017
12	Smt. J. Deepa Suman	Executive (Tech)	31.07.2008	Continuing
13	Smt. A. V. Madhuri	Executive (Tech)	04.07.2008	Continuing
14	Shri. Amit Bhardwaj	Executive (Tech)	23.07.2008	Continuing
15	Shri. Ashim Kumar Borah	Executive Assistant (T)	14.07.2008	Continuing
16	Ms. Smiti Rekha Pati	Executive Assistant	12.03.2010	Continuing
17	Ms. K.Bhargavi	Executive Assistant (T)	19.11.2010	Continuing
18	Shri. A. Mallikharjun	Executive Assistant (A&F)	03.05.2016	Continuing
19	Shri. V. Chandra Nautiyal	Executive Assistant (T)	18.05.2016	Continuing
20	Ms. Meda Aihun Khongjiliw	Executive Assistant (T)	16.06.2016	31.10.2017
21	Ms. Sreerenju Hariharan	Executive Assistant (T)	01.08.2016	Continuing
22	Ms. M.S. Dorothy	Executive Assistant (T)	12.09.2016	Continuing
23	Dr. Manas Kumar Sinha	Sr. Executive (T)	11.10.2017	Continuing

INDEPENDENT AUDITORS REPORT

To
The Members,
Governing Body,
National Fisheries Development Board,
Hyderabad.

Report on Financial Statements

We have audited the accompanying Financial Statements of **National Fisheries Development Board**, ("The Board"), which comprise the Balance Sheet as at March 31st 2018, the Income and Expenditure Account and Receipts and Payments Accounts for the year then ended, and a summary of significant Accounting Policies and the other explanatory information

Management's responsibility for the Financial Statements

Management is responsible for these Financial Statements that give a True and Fair view of financial position, financial performance and cash flow of board in accordance with the applicable accounting standards as prescribed by Institute of Chartered Accountants of India and generally accepted accounting principles in India. This responsibility includes the design, implementation and maintenance of internal control relevant to preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement due to fraud or error.

Auditors Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with Standards on Auditing issued by Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend upon the auditor's judgment, including the assessment of risks of material misstatement of financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to board's preparation and fair presentation of financial statements in order to design audit procedures that are appropriate in the circumstances.

An audit also includes evaluating the appropriateness of accounting policies used and reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.



We believe that the audit evidence obtained is sufficient and appropriate to provide a basis of our audit opinion.

Emphasis of Matter:

Expenditure is recognized in income and expenditure account only to the extent of grants released and utilized by the implementing agencies based on Utilization certificates received during the year. Grants released but not utilized or utilized but no utilization certificate is received are being recognized as asset and shown under "Release to States for Various Activities under NFDB schemes" amounting to Rs. 1,30,92,12,211/-. Confirmation of this amount from respective state (unit) authority has not been provided. Board is pursuing the matter with respective state to receive utilization certificate as soon as possible.

Opinion

In our opinion and to the best of our information and according to the explanations given to us, the financial statements given to us, the financial statements give a true and fair view in conformity with the accounting principles generally accepted in India along with the matter mentioned in Annexure A attached to the independent auditor's report:

- a) In the case of Balance Sheet, of the state of affairs of the board as at March 31st 2018; and
- b) In the case of Income and Expenditure Account, of the Excess of Income over Expenditure for the year ended on that date
- c) In case of Receipts and Payments Account, receipts and payments for the year ended 31st March 2018.

Report on other legal and Regulatory Requirements

We report as under:

- i. We have obtained all the information and explanations which to the best our knowledge and belief were necessary for the purpose of our audit;
- ii. In our opinion proper Books of Accounts as required by law have been kept by the Board so far as appears from our examination of those books.
- iii. The Balance Sheet, Receipts and Payments Account and Income and Expenditure Account dealt with by this report is in agreement with the books of accounts.

Place: Hyderabad
Date : 28-Sep-18



For Agarwal & Dhandhania
Chartered Accountants
Firm Regn. No: 125756W

Tushar Vegad

CA Tushar Vegad
Execution Partner
M. No. 158758

"ANNEXURE A" TO THE INDEPENDENT AUDITOR'S REPORT

This Annexure referred under our report to the members of NATIONAL FISHERIES DEVELOPMENT BOARD on the financial Statements as of and for the year ended March 31, 2018. We report that:-

1. In respect to Fixed Assets:

- a) The Board has compiled the fixed assets register in respect of Assets purchased /constructed showing full particulars, including Quantitative details and situation of fixed assets. Last third-Party Physical Verification of Fixed Assets has been carried out on 31.03.2016. No Physical verification has been conducted afterwards either by management or through outsourcing agency.
- b) Renovation and improvement of NFFBB Pond facility at Kausalyaganga, Bhubaneswar, Phase-I has been completed on 27th April 2015 amounting to Rs. 1,23,51,273/- but such amount has been shown under the head of Capital Work in process till the financial year ended 31.03.2017.
- In FY 2017-18, Board have capitalized/booked it in to fixed assets under the head named NFFBB Pond Facility at Kausalyaganga, Bhubaneswar Phase-1 refer Schedule 8(B). As assets had been completed in April 2015, we have calculated depreciation from the date of completion and shown separate note that out of depreciation amounting of Rs. 4766047/-, depreciation amounting to Rs. 34,27,478.00 pertains to prior period.

2. In respect to Capital Work In Progress:

- a) Schedule 8(B)(1&3) includes the amount of Rs. 4,79,969/- showing under the head of "Advance for Land acquisition". It pertains to the amount kept at the disposal by Revenue Divisional officer, Tekkalivia letter no. Rc. No. 315/2011 dated 15.02.2015. Another amount of Rs. 4,66,200/- lying under the head of "Advance for SPF Project at Sikakulam" consists by one payment of Rs.4,21,350 paid in Mar-2008 for cost of sheets of CR2 Boundary and another payment of Rs.44850/- paid on Feb-2009 for survey consultant at Mulapolam MC Project site. We suggest board to take up this matter as it is pending since long.
- b) Refer Schedule 8(B)(4) - Amount of Rs. 21,71,062/- lying under the head of "Adv to CESUBED Bhubaneswar". Out of this, amount of Rs. 12,40,553/- has been paid to Officer Incharge of NFFBB Bhubaneswar via sanction order No. 3144/NFDB/NFFBB/Power Supply/2011-12 dated 21.5.2013. We suggest board to take up this matter as it is pending since long.
- c) Advance to NFFBB Kausalyaganga Bhubaneswar amounting to Rs. 2,52,26,791/- has been paid on below dates. A) NFFBB, Bhubaneswar t/w construction of Watch Towers & Packing shed & conditioning tank at NFFBB, Odisha. S.no- 3144/NFDB/NFFBB/Pond Renovation (part-II)/2011-12 paid on 25.8.16 amounting to Rs 42,42,966/-. B) DOF, Odisha t/w laying of internal roads in NFFBB Bhubaneswar, work to be executed by CPWD paid on Feb 2013 & Sep 2016 amounting to Rs. 59,83,825/- & 1,50,00,000/- respectively. Some of the project running since long time which requires close monitoring by board.



3. In respect to Current Assets:

- a) The Board has paid an amount of Rs. 6,91,200/- as "Refundable rental deposit" towards lease premises (at Maithrivihar) to HUDA (Now HMDA). The Board vacated the premises during financial year 2011-2012. In view of the Board, Rs.6,91,200/- is recoverable and the same is shown in "Deposit" under Schedule 11 (A)(5) – Current Assets. However as per letter received from HMDA, the amount of Rs. 3,88,571 is only payable after adjusting electricity charges & rent. Provision for balance amount to be considered in books of account.
- b) Schedule 11(B)(2)(A) showing the head "Advances to Staff" includes the amount of Rs. 297000 which is pending since long time. Out of that amount, amount of Rs. 160000 & Rs. 137000 has been paid on 6th Oct 2015 & 30th Sep 2015 respectively.
- c) Expenditure is recognized in income and expenditure account only to the extent of grants released and utilized by the implementing agencies based on Utilization certificates received during the year. Grants released but not utilized or utilized but no utilization certificate is received are being recognized as asset and shown under "Release to States for Various Activities under NFDB schemes" amounting to Rs. 1,30,92,12,211/- under Schedule 11 (A)(6). Further, Confirmation from respective state (unit) authority for such amount has not been provided.
- d) Schedule 11(B)(5)(A&B) showing the head "Reimbursement of Expenses receivable from Government of India" The Board has incurred certain expenditure amounting to Rs. 82,09,215/- in earlier years (2011-12) towards FAO Committee on behalf of Government of India (as per sanction letter received from Ministry of Agriculture) which is shown under the head "Current assets, Loans, Advances". The Board has been following up the matter with the Ministry. Last communication made by NFDB to MOA on dated 12th June 2016 on letter received from MOA dated 17th Mar 2015. Another Amount of Rs. 24,09,679/- expended towards Asia Pacific Fishery Commission (APFIC) Meeting on behalf of Government paid in the FY 2014-15. No provision against amount of Rs. 1,06,18,894/- has been created so far in books of account.

4. In respect to Investment:

- a) Schedule 10 - Investments- Others (Long Term) showing the amount invested Rs 155.20 lakh as equity Shares (SasoondockMatsyaodyogSahakari Society Ltd) of 20% shareholding. NFDB team inspected site on 21.8.17- IQF plant is installed and was in working condition. A small profit was earned in the FY 2013-14, 2014-15 & 2015-16. The accumulated loss as on 31.3.16 is Rs. 403.65 lakh. NFDB has communicated to the Society to refund the investment on dated 18.8.17 but reply is awaited from company. However, provision of this amount to be provided in BOA.



5. In respect to Earmarked Fund (Schedule 3):

- a) The amount of Rs. 30,72,439/- reflecting under the head of "Prior year adjustment" in Schedule 3(b)(a), is related to the amount refunded by respective implementing agency (from previous grant transferred amount).

6. In respect to compliance of Bye Laws

In exercise of the power conferred by the Clauses of the MOA of the NFDB, Bye-laws has been executed. We have come across below mentioned violation in compliance of bye-laws.

- a) As per Clause 7 of the Bye-laws, Governing Body shall meet at least once in a year which shall be called the Annual General Meeting of the governing body. While going through the compliance for the same, we have noticed that last meeting had been held on 06th June 2012.
- b) As per Clause 7 of the Bye-laws, Executive Committee shall meet at least once in three months but during the FY 2017-18, there were only two meetings held on 13th April & 29th July of 2017.

7. Statutory Dues:

- a) According to the records of the Company, undisputed statutory dues including Provident Fund, Employees' State Insurance, Income Tax, Duty of Customs, Duty of Excise, Cess and other statutory dues have been generally regularly deposited with the appropriate authorities.
- b) According to the information and explanations given to us, no undisputed amounts payable in respect of the aforesaid dues were outstanding as at March 31, 2018 for a period of more than six months from the date of becoming payable.
- c) NFDL has been received one letter from Office of Dy Commissioner of IT (TDS) dated 12th Sep 2018 relating to late filling levy u/s 234E amounting to Rs. 29965/-, However NFDB has requested for waiver of this charges on dated 19th Sep 2018.

**For, Agarwal & Dhandhania
Chartered Accountants**



**CA TusharVegad
(Partner)**

Firm Registration Number - 125756W

MN: 158758

Place: Hyderabad

Date: 28-Sep-18



NATIONAL FISHERIES DEVELOPMENT BOARD

HYDERABAD

SCHEDULES FORMING PART OF THE ACCOUNTS FOR THE PERIOD ENDED 31-03-2018

SCHEDULE 24 - SIGNIFICANT ACCOUNTING POLICIES

1. BASIS FOR PREPARATION OF FINANCIAL STATEMENTS

The Financial Statements are prepared on the basis of historical cost convention, unless otherwise stated following accrual method of accounting and generally accepted accounting principles. The Financial Statements are presented as per the Uniform Format of Accounts prescribed by the Ministry of Finance for all the Government and Autonomous Organizations.

2. GOVERNMENT GRANTS

- 2.1 Government grant is accounted based on the sanction orders issued by the Government of India.
- 2.2 Income is recognized in the income and expenditure account only to the extent of grants released and utilized by implementing agencies, salaries including allowances and administrative expenses excluding depreciation. Grants received but not released are shown under Earmarked Funds.
- 2.3 Expenditure is recognized in income and expenditure account only to the extent of grants released and utilized by the implementing agencies based on Utilization certificates received during the year. Grants released but not utilized or utilized but no utilization certificate is received are being recognized as asset and shown under "Release to States for Various Activities under NFDB schemes".

3. FIXED ASSETS

- 3.1 Fixed Assets are stated at cost of acquisition inclusive of inward freight, duties and taxes and incidental and direct expenses related to acquisition. In respect of project involving construction, related pre-operational expenses (including interest on loans for specific project prior to its completion), form part of the value of the assets capitalized.
- 3.2 Capital work in progress is recognized at cost and it comprises of fixed assets that are not yet ready for their intended use at the reporting date.
- 3.3 Fixed Assets are being maintained by the board duly entering annual maintenance contracts every year.



4. DEPRECIATION

- 4.1 Depreciation is provided on written down value method as per rates specified in the Income-tax Act.
- 4.2 In respect of additions to/deductions from fixed assets during the year, depreciation is considered on pro-rata basis.
- 4.3 Assets costing Rs.5,000 or less each are fully provided.

5. INVESTMENTS

- 5.1 Investments classified as "long term investments" are carried at cost. Provision for decline, Other than temporary, is made in carrying cost of such Investments.
- 5.2 Investments classified as "Current" are carried at lower of cost and fair value. Provision for shortfall on the value of such investments is made for each investment considered individually and not on a global basis.
- 5.3 Cost includes acquisition expenses like brokerage, transfer stamps.

6. RETIREMENT BENEFITS

- 6.1 Liability towards gratuity payable on death/retirement of employees is computed in accordance with Payment of Gratuity Act, 1972 and provided in the books of accounts.
- 6.2 Provision for accumulated leave encashment benefit to the employee is computed and provided on the assumption that employees are entitled to receive the benefit as at each year end.

7. LEASE

Lease rentals are expensed with reference to lease terms.

8. PROVISIONS & CONTINGENT LIABILITIES

- 8.1 Provision is recognized when Board has a present obligation as a result of a past event and it is probable that an outflow of resources will be required to settle the obligation and in respect of which a reliable estimate can be made.
- 8.2 Contingent liabilities in respect of claims against the corporation notacknowledged as debts are determined on the basis of informationavailable and judgment of the management and are disclosed by way ofnotes to the accounts.



NATIONAL FISHERIES DEVELOPMENT BOARD

HYDERABAD

SCHEDULES FORMING PART OF THE ACCOUNTS FOR THE PERIOD ENDED 31-03-2018

SCHEDULE 25 -CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS

1. CONTINGENT LIABILITIES

- 1.1 Claims against the Entity not acknowledged as debts is 'Nil' (Previous year:Nil)
- 1.2 The Board has not given any Bank guarantees, or Letters of Credit opened by bank or discounted any Bills with banks.
- 1.3 Disputes or demands pending in respect of Income Tax, Sales Tax, Service Tax or Municipal Taxes. : Board has no disputes or demands pending on statutory payments except that Rs. 29,970.00 interest on Q3 TDS delayed payment.
- 1.4 In respect of claims from parties for non-execution of records, but contested by the NFDB are 'Nil'.

2. CAPITAL COMMITMENTS

Estimated value of contracts remaining to be executed on capital account for fencing work at Mulapalam, NFDB has given an advance of Rs.9.61 Lakhs (10% of Total Estimated value Rs. 96,10,000/-)

3. LEASE OBLIGATIONS

Future obligations for rentals under finance lease arrangements for plant and machinery amount to be "Nil"

4. CURRENT ASSETS, LOANS AND ADVANCES

In the opinion of the Management, the current assets, loans, advances have a value on realization in the ordinary course of business, equal at least to the aggregate amount shown in the Balance Sheet.

5. TAXATION

The Board is exempted under section 12A of the Income Act 1961, and therefore no provision for Income Tax has been considered necessary.

6. FOREIGN CURRENCY TRANSACTIONS

6.1 Expenditure in Foreign Currency: "Nil"

- a) Travel
- b) Remittances and Interest payment to Financial Institutions/Banks in Foreign Currency
- c) Other Expenditure (-Commission on sale & - Legal and Professional Expenses)



6.2 Earnings: "Nil" - Value of Exports on FOB basis

7. **REMUNERATION TO STATUTORY AUDITORS DURING THE YEAR 2017-18**

The following fee has been paid/provided including service tax for the statutory audit services.

Statutory Audit & Tax Audit	For FY 2016-17	For FY 2017-18
	1,49,500	1,00,000 + 18000(GST)

8. Schedule 1 to 25 are annexed to and forms an integral part of the Balance Sheet as at **31.03.2018** and the Income and Expenditure Account for the year ended on that date.

9. As per the approval communicated by the Ministry vide. Letter.No.9-2/2016 Annexure V dt.12/4/16, the financial statements of the Board have been prepared as per the Uniform Format of Accounts prescribed by the Ministry of Finance for all the Central Government and Autonomous Organizations, for the current financial year. Therefore, the previous year's figures have been regrouped/ rearranged wherever necessary.

10. **Releases to Implementing Agencies.**

a) The details of amounts released to the parties, refunds received and utilization certificates (UCs) accounted during the year 2017-18 and shown in Schedule-11 of the Balance Sheet are as follows. Physical & Financial Progress are being periodically monitored with the implementing agencies. Board is pursuing for Utilization Certificates from implementing agencies.

Description	Amount in Rs.
Balance with Implementing Agencies as on 01.04.2017	1,19,76,38,912.00
Less: U.C Received and accounted F.Y 2017-18	22,32,22,898.00
Less: Refunds received from Implementing Agencies in F.Y 2017-18	4,91,57,344.00
Add: Amount released to Implement Agencies in F.Y 2017-18	38,39,53,541.00
Balance of Release to Schemes	1,30,92,12,211.00

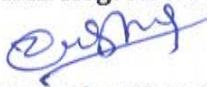
11. In accordance with the Memorandum of Association of the board, a sum of Rs.9,09,82,882/- has been utilized and shown towards establishment and other administration expenses out of Grant received from Ministry of Agriculture.

12. Renovation and improvement of NFFBB Pond facility at Kausalyaganga, Bhubaneswar, Phase-I (22 ponds existing in an area of 80 acres at National Freshwater Fish Brood Bank, Kausalyaganga) is accounted for in the books of account in FY 2017-18 in fixed assets, duly reducing in Capital Works In Progress account.



13. The Board has released funds as advance to various Implementing Agencies for construction of fish markets. Based on the utilization certificates received from Implementing Agencies, NFDB has accounted for the expenditure in previous years. However, due to site litigations and Court orders the construction of the markets could not be completed in full by Implementing Agencies. Therefore, NFDB has sought for refund of the amount paid for the projects and Implementing Agencies have refunded an amount of 30,72,439/- which is shown under Prior Period Adjustments under Schedule-3 of the Balance Sheet. For Projects sanctioned, amount released but works not started, Executive committee Directed NFDB to request the implementing agencies to refund the release fund. If implementing agencies are still interested in activities, they may be advised to submit the fresh proposal under BR guidelines.
14. The Board has paid an amount of Rs. 6,91,200/- as "Refundable rental deposit" towards lease premises (at Maithrivihar) to HUDA (Now HMDA). The Board vacated the premises during financial year 2011-2012. In view of the Board, Rs.6,91,200/- is recoverable and the same is shown in "Rental Deposits" under "Loans and Advances". NFDB is pursuing the matter with HMDA for refund.
15. The Board has incurred certain expenditure amounting to Rs. 82,09,215/- in earlier years towards FAO Committee and an amount of Rs.24,09,679/- towards APFIC Meeting on behalf of Government of India which is shown under the head "Current assets, Loans, Advances". The Board has been following up the matter with the Ministry. As recommended by auditors, this amount will be adjusted against the Grant Received in the next financial year after getting due approval.
16. All amounts are rounded off to nearest rupee.

For Agarwal & Dhandhanian
Chartered Accountants
Firm Reg. No:125756W


CA Tushar Vegad
(Partner)

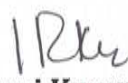
M No.: 158758

Place: Hyderabad

Date: 28-5-18

For and on behalf of
National Fisheries Development Board


R.S. Rajya lakshmi
Executive Director (Fin)


I. Rani Kumudini
Chief Executive



NATIONAL FISHERIES DEVELOPMENT BOARD
Fish Building, Opp to Pillar No 235, PVNR Expressway, SVPNAP, Hyderabad

Receipts And Payments For The Year Ended 31.03.2018

Receipts	(Amount in Rs.) As at 31.03.2018	(Amount in Rs.) As at 31.03.2017	Payments	(Amount in Rs.) As at 31.03.2018	(Amount in Rs.) As at 31.03.2017
I. Opening Balance			I. Expenses		
a) Cash in hand	55,078	-	a) Establishment Expenses	37,938,496	39,667,290
b) Bank Balances			b) Administrative Expenses	42,449,542	43,084,355
i) In current account			II. Payments made against funds for various projects		
On Current Accounts With SBH (A/c	278,303,186	132,999,897	III. Investments and Deposits made		
On Current Accounts With SBI (A/c	723,788	1,374,723	a) Out of Earmarked funds		
30109387550)			a) Out of own funds (Investments-Others)		
ii) In deposits account			c) Investments in Bank Deposits	420,000,000	1,817,815,206
iii) Savings account			IV. Expenditure on Fixed Assets & Capital work-in-Progress		
ICICI (A/c 131601000599)	502,070	-	a) Purchase of Fixed Assets	2,272,709	1,179,708
II. Grants Received			b) Expenditure on Capital Work-in-progress	5,368,257	38,038,951
a) From Government of India	160,052,000	560,703,000	V. Refunds		
b) From State Government	-	-	a) To the Government of India	-	77,600,000
c) From other sources (details) (Grants for capital & revenue exp to be shown			b) To the State Government		
III. Income on Investments from			c) To other providers of funds		
a) Earmarked Funds			d) Refund of Security Deposits/EMDs	70,000	526,540
b) Own Funds (Other Investments)			VI. Finance Charges (Interest)		
IV. Interest Received			a) Releases to States	382,560,330	519,125,879
a) On Bank deposits	1,268,780	66,198,321	b) Advance to Suppliers		
b) Interest from States	703,193	1,797,834	c) Other Advances	16,218,207	9,039,100
c) Loans, Advances	87,857	-	d) Duties & Taxes Paid	5,030,667	4,956,555
V. Other Income			VIII. Closing Balances		
a) Royalty	-	2,752,506	a) Cash in hand	50,000	55,078
b) Miscellaneous Receipts	106,430	90,245	b) Bank Balances		
VI. Amount Borrowed			i) Current account		
VII. Any other receipts			SBH (A/c 62029582916)	274,236,842	278,303,186
a) Unspent Amount /Refunds from States	52,878,510	175,353,180	SBI (A/c 30109387550)	264,310,707	723,788
b) Maturity Proceeds of Fixed Deposits	1,245,072,322	1,879,675,481	Andhra Bank	324,498,650	
c) Deductions & Recoveries from Salaries	2,923,799	463,363	ii) Deposits account		
d) Duties & Taxes Collected	3,617,496	3,710,804	iii) Savings account		
e) Earnest Money Deposit Received	105,000	280,540	ICICI (A/c 131601000599)	29,771,248	502,070
f) Crowd Fund	81,228	-	Total	1,804,775,655	2,830,617,606
g) Administrative Recoveries	250,441	2,275,088			
h) Reimbursement of EL Encashment	-	179,274			
i) Recovery of Loans & Advances from Staff	2,619,881	2,763,350			
j) Recovery from Mona Technologies including Interest	45,550,596	-			
k) Refund from CPWD (Capital WIP)	9,874,000	-			
Total	1,804,775,655	2,830,617,606			

Schedule 1 to 25 are annexed to and forms an integral part of the Balance Sheet as at 31.03.2018 and the Income and Expenditure Account for the year ended on that date.

For AGARWAL & DHANDHANIA
Chartered Accountants
Firm Reg. No. 125756W



Signature

CA TusharVegad
(Partner)
Membership No. 158758
Place : Hyderabad
Date : 28.09.2018

For and on behalf of
National Fisheries Development Board

Signature
R. Rani Kumudini
Chief Executive

Signature
R. S. Rajya lakshmi
Executive Director(Fin)



**National Fisheries Development Board,
Fish Building, Opp to Pillar No 235, PVNR Expressway, SVPNAP, Hyderabad**

Balance Sheet As At 31.03.2018

CORPUS/CAPITAL FUND AND LIABILITIES	Schedule No.	As at 31.03.2018	As at 31.03.2017
Corpus/ Capital Fund	1	48,92,20,007	44,80,12,477
Reserves and Surplus	2	-	-
Earmarked Funds	3	247,64,30,984	262,44,93,543
Secured Loans And Borrowings	4	-	-
Unsecured Loans And Borrowings	5	-	-
Deferred Credit Liabilities	6	-	-
Current Liabilities And Provisions	7	1,56,43,155	1,27,71,941
Total		298,12,94,146	308,52,77,960
ASSETS			
Fixed Assets	8	25,80,20,200	30,12,16,504
Investments-From Earmarked Funds	9	-	-
Investments-Others	10	1,55,20,000	1,55,20,000
Current Assets, Loans, Advances	11	270,77,53,946	276,85,41,457
Miscellaneous Expenditure (to the extent not written off or adjusted)		-	-
Total		298,12,94,146	308,52,77,961
Significant Accounting Policies	24		
Contingent Liabilities And Notes on Accounts	25		

Schedule 1 to 25 are annexed to and forms an integral part of the Balance Sheet as at 31.03.2018 and the Income and Expenditure Account for the year ended on that date.

For AGARWAL & DHANDHANIA
Chartered Accountants
Firm Reg. No. 125756W

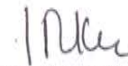

CA Tushar Vegad

(Partner)
Membership No. 158758

For and on behalf of
National Fisheries Development Board


R.S. Rajya lakshmi

Executive Director (Fin)


I. Rani Kumudini
Chief Executive

Place : Hyderabad

Date : 28-SEP-18



**National Fisheries Development Board,
Fish Building, Opp to Pillar No 235, PVNR Expressway, SVPNAP, Hyderabad**

Income And Expenditure Account For The Year Ended 31.03.2018

(Amount in
Rupees)

Particulars	Schedule No.	Year Ended 31.03.2018	Year Ended 31.03.2017
Income			
Income from Sales/Services	12	-	-
Income recognised to the extent of grants utilised	13	31,11,86,997	125,53,75,603
Fee/Subscriptions	14	1,12,689	96,229
Income from Investments	15	-	-
Income from Royalty	16	-	27,52,506
Interest Earned	17	6,46,05,058	10,78,20,960
Other Income	18	14,98,218	6,57,531
Increase/(decrease) in stock of finished goods and works-in-progress	19	-	-
Total (A)		37,74,02,962	136,67,02,829
Expenditure			
Establishment Expenses	20	6,06,35,367	5,90,84,547
Other Administrative Expenses	21	2,98,20,248	3,00,04,709
Grants utilised by implementing agencies under various schemes	22	22,07,31,382	116,62,86,347
Interest	23	-	-
Depreciation (Schedule 8- Note 2)	8	2,50,08,435	1,40,79,277
Total (B)		33,61,95,432	126,94,54,880
Balance being excess of Income over Expenditure (A-B)		4,12,07,530	9,72,47,950
Transfer to Special Reserve		-	-
Transfer to/ from General Reserve		-	-
Balance being Surplus/ (Deficit) Carried to Corpus/Capital Fund		4,12,07,530	9,72,47,950
Significant Accounting Policies	24		
Contingent Liabilities And Notes on Accounts	25		

Schedule 1 to 25 are annexed to and forms an integral part of the Balance Sheet as at 31.03.2018 and the Income and Expenditure Account for the year ended on that date.

For AGARWAL & DHANDHANIA
Chartered Accountants
Firm Reg. No. 125756W

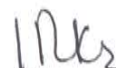
For and on behalf of
National Fisheries Development Board



CA Tushar Vegad
(Partner)
Membership No. 158758



R. S. Rajya lakshmi
Executive Director(Fin)



I. Rani Kumudini
Chief Executive

Place : Hyderabad
Date : 28-Sep-18



Schedule 1 -Corpus/ Capital Fund :	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
Balance as at beginning of the year	44,80,12,477	35,07,64,527
Add: Contribution towards Corp/Capital Fund		
Add/(Deduct): Balance of net income/(expenditure) transferred from the income and Expenditure Account	4,12,07,530	9,72,47,950
Balance As At The Year End	48,92,20,007	44,80,12,477

Schedule 2 Reserves and Surplus:	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
1. Capital Reserve:		
As per last Account	-	-
Addition during the year	-	-
Less: Deductions during the year	-	-
2. Revaluation Reserve:		
As per last Account	-	-
Addition during the year	-	-
Less: Deductions during the year	-	-
3. Special Reserves		
As per last Account	-	-
Addition during the year	-	-
Less: Deductions during the year	-	-
4. General Reserve		
As per last Account	-	-
Addition during the year	-	-
Less: Deductions during the year	-	-
Total	-	-

Schedule 3 -Earmarked Funds :	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
a) Opening Balance of the funds (a)	2,62,44,93,543	3,62,16,47,325
b) Additions to the funds		
i. Grants	16,00,52,000	32,39,03,000
ii. Income from Investments made on account of funds		
iii. Other additions		
a) Prior Period Adjustments (Refund received from Implementing Agencies)	30,72,439	1,19,18,820
b) Adjustments on account of Unutilized amount		-
Total (b)	16,31,24,439	33,58,21,820
c) Utilisation/Expenditure towards objectives of funds		
i. Capital Expenditure		
Fixed Assets		
Others		
ii. Revenue Expenditure		
Grants utilised under various schemes by implementing agencies	22,07,31,382	116,62,86,347
Salaries, Wages and allowances etc	6,06,35,367	5,90,84,547
Other administrative expenses	2,98,20,250	3,00,04,709
Refund to Government of India (Blue Revolution Fund)	-	7,76,00,000
Total (c)	31,11,86,999	1,33,29,75,603
Net Balance as at The Year End (a+b-c) : (d)	2,47,64,30,984	2,62,44,93,543



Schedule 4- Secured Loans And Borrowings:	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
1. Central Government	-	-
2. State Government	-	-
3. Financial Institutions	-	-
a) Term Loans	-	-
b) Interest accrued and due	-	-
4. Banks	-	-
a) Term Loans	-	-
Interest accrued and Due	-	-
b) Other Loans	-	-
Interest accrued and Due	-	-
5. Other Institutions and Agencies	-	-
6. Debentures and Bonds	-	-
7. Others	-	-
Total	-	-
Note : Amounts due within one year		

Schedule 5- Unsecured Loans And Borrowings	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
1. Central Government	-	-
2. State Government	-	-
3. Financial Institutions	-	-
4. Banks	-	-
a) Term Loans	-	-
b) Other Loans	-	-
5. Other Institutions and Agencies	-	-
6. Debentures and Bonds	-	-
7. Fixed Deposits	-	-
8. Others	-	-
Total	-	-
Note : Amounts due within one year		

Schedule 6- Deferred Credit Liabilities:	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
a) Acceptances secured by Hypothecation of capital equipment and other assets	-	-
b) Others	-	-
Total	-	-
Note: Amounts due within one year		

Schedule 7- Current Liabilities And Provisions	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
A. Current Liabilities		
1. Acceptances	-	-
2. Sundry Creditors	-	-
a) For Goods	-	-
b) Others	-	-
3. Advances Received	-	-
4. Interest accrued but not due on :		
a) Secured loans/ borrowings	-	-
b) Unsecured Loans/borrowings	-	-
5. Statutory Liabilities :		
a) Overdue	-	-
b) Others	-	-
6. EMD Security Deposit	4,70,450	4,35,450
7. Salary & manpower related payables	39,17,793	56,07,244
8. Unencashed cheques	1,64,184	1,80,989
9. Other Liabilities (Short Term Provisions)	75,32,599	36,93,567
Total (A)	1,20,85,026	99,17,250
B. Provisions (Refer Schedule 25.12)		
1. For Taxation	-	-
2. Gratuity	15,62,583	12,86,848
3. Superannuation/Pension	-	-
4. Accumulated Leave Encashment	19,95,546	15,67,843
5. Trade Warranties/Claims	-	-
Total (B)	35,58,129	28,54,691
Total (A+B)	1,56,43,155	1,27,71,941



National Fisheries Development Board,
Fish Building, Opp to Pillar No 235, PVNR Expressway, SVPNAP, Hyderabad

As at 31.03.2018

S.No.	Description	Gross Book			Depreciation				Net Book				
		Cost/Valuation as at Beginning of the year	Additions during the year	Deductions during the year	Cost/Valuation as at the Year-	As at beginning of the year	During the year	On additions during the year	On deductions during the year	Total up to the year end	As at Current Year end	As at Previous Year End	Rate of Depreciation
A	FIXED ASSETS (Other than CWIP):												
1	LAND												
	a) Freehold	2,85,62,986	-	-	2,85,62,986	-	-	-	-	-	2,85,62,986	2,85,62,986	-
	b) Leasehold	-	-	-	-	-	-	-	-	-	-	-	-
	BUILDINGS:												
	a) On Freehold Land	-	7,10,990	-	18,91,89,470	1,49,79,394	40,991	-	-	5,37,04,925	13,54,84,545	14,97,93,940	10.00%
	b) On Leasehold Land	-	-	-	-	-	-	-	-	-	-	-	-
	c) Ownership Flat/Premises	-	-	-	-	-	-	-	-	-	-	-	-
	d) Superstructures on Land not belonging to the entity	-	-	-	-	-	-	-	-	-	-	-	-
3	PLANT, MACHINERY & EQUIPMENT	3,14,998	11,430	-	3,26,428	32,915	573	-	-	1,29,054	1,97,374	2,19,432	15.00%
4	VEHICLES	17,55,843	-	-	17,55,843	2,23,253	0	-	-	4,90,746	12,65,097	14,88,350	15.00%
5	FURNITURE, FIXTURES	53,36,422	49,797	-	53,86,219	4,00,528	2,729	-	-	17,34,403	36,51,816	40,05,276	10.00%
6	OFFICE EQUIPMENTS	56,68,614	4,47,244	-	61,15,858	4,18,197	31,992	-	-	19,36,831	41,79,027	41,81,972	10.00%
7	COMPUTER/PERIPHERALS	22,99,891	3,78,158	4,150,000	26,73,899	2,72,278	67,204	-	-	19,54,868	7,19,031	6,84,505	40.00%
8	ELECTRICAL INSTALLATIONS	5,04,75,489	15,40,635	-	5,20,16,124	36,94,226	62,986	-	-	1,72,90,450	3,47,25,674	3,69,42,251	10.00%
9	LIBRARY BOOKS	-	-	-	-	-	-	-	-	-	-	-	-
10	TUBE WELLS & W SUPPLY	-	-	-	-	-	-	-	-	-	-	-	-
11	OTHER FIXED ASSETS	2,13,186	-	-	2,13,186	15,122	-	-	-	77,095	1,36,091	1,51,213	10.00%
	NETFBB Pond Facility at Kausalyaganga, Bhubaneswar Phase-1*	1,23,51,273	-	-	1,23,51,273	47,66,047	-	-	-	47,66,047	75,85,226	0	15.00%
B	TOTAL OF CURRENT YEAR	29,54,57,182	31,38,254	4,150	29,85,91,286	5,70,75,984	2,06,475	0	8,20,84,419	21,65,06,867	22,60,29,925	22,60,29,925	
	TOTAL OF PREVIOUS YEAR	27,05,81,102	1,25,24,905	-	28,31,05,907	4,29,96,705	10,55,113	-	5,70,75,982	22,60,29,925	22,75,84,397	22,75,84,397	
C	CAPITAL WORK IN PROGRESS												
1	Advance for Land Acquisition	-	-	-	-	-	-	-	-	-	47,9969	4,79,969	-
2	Advance for Mona Technologies	-	-	-	-	-	-	-	-	-	-	2,17,51,488	-
3	Advance for Spf Project at Srikakulam	-	-	-	-	-	-	-	-	-	14,27,200	4,66,200	-
4	Adv to C.E.S.U.B.E.D Bhubanewar	-	-	-	-	-	-	-	-	-	21,71,062	25,70,902	-
5	Adv to NFFBB Kausalyaganga Bhubaneswar	-	-	-	-	-	-	-	-	-	25,22,6791	3,22,42,966	-
6	Capital WIP for Administrative Building	-	-	-	-	-	-	-	-	-	7801054	1,76,75,054	-
7	Financial Accounting Software	-	-	-	-	-	-	-	-	-	631300	-	-
8	Mera Matya Dhan Web Portal & M.App	-	-	-	-	-	-	-	-	-	3775957	-	-
	TOTAL										4,15,13,333	7,51,86,579	-
	GRAND TOTAL OF CURRENT YEAR										25,80,20,200	30,12,16,504	-
	Notes:												
	1) Depreciation calculated under head B includes Prior period depreciation of Rs. 34,27,478.00 (Work completed on 27.04.2015)												
	2) No assets were purchased on Hire Purchase Basis and included above.												



Schedule 9 - Investments From Earmarked Funds	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
1. In Government Securities	-	-
2. Other approved Securities	-	-
3. Shares	-	-
4. Debentures and Bonds	-	-
5. Subsidiaries and Joint Ventures	-	-
6. Others (to be specified)	-	-
Total	-	-

Schedule 10 - Investments- Others (Long Term)	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
1. In Government Securities	-	-
2. Other approved Securities	-	-
3. Shares (Sasoondock Matsyaodyog Sahakari Society Ltd) 20% shareholding	1,55,20,000	1,55,20,000
4. Debentures and Bonds	-	-
5. Subsidiaries and Joint Ventures	-	-
6. Others (to be specified)	-	-
Total	1,55,20,000	1,55,20,000

Schedule 11 - Current Assets, Loans, Advances A. Current Assets:	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
1. Inventories:		
a) Stores and Spares	-	-
b) Loose Tools	-	-
c) Stock-in-Trade		
Finished Goods	-	-
Work-in - Progress	-	-
Raw Material	-	-
2. Sundry Debtors:		
a) Debts Outstanding for a period exceeding six months	-	-
b) Others	-	-
3. Cash Balances in Hand (Including cheques/draft and imprest)	50,000	55,078
4. Bank Balances :		
a) With Scheduled Bank:		
On Current Accounts With SBH (a/c 62029582916)	27,42,36,842	27,83,03,186
On Current Accounts With SBI (a/c 30109387550)	26,43,10,707	7,23,788
On savings Accounts With ICICI (a/c 131601000599)	2,97,71,248	5,02,070
On Current Accounts With Andhra Bank (a/c 62029582916)	32,44,98,650	-
b) With non-scheduled Banks		
On Current Accounts	-	-
On Deposit Accounts	-	-
On savings Accounts	-	-
c) Term Deposits With banks		
State Bank of Hyderabad	47,25,57,292	75,26,04,223
State Bank of India	-	-
ICICI Bank	-	5,14,82,659
HDFC Bank	-	42,51,65,560
d) Remittance in Transit (Grant -in - Aid)	-	-
5. Deposit(Rent,Telephone & Other Deposits)	8,47,128	7,02,700
6. Release to implementing agencies for Various Activities under various schemes	130,92,12,211	120,36,22,737
Total (A)	267,54,84,078	271,31,62,001



Schedule 11 - Current Assets, Loans, Advances B. Loans, Advances And Other Assets	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
1. Loans :		
a) Staff	-	-
b) Other Entities engaged in activities/Objectives similar to that of Entity	-	-
i) Matsya Federation	-	-
c) Others	-	-
2. Advances and other amounts recoverable in cash or in kind or for value to be received:		
a) Advances to Staff	33,20,219	26,01,346
b) TDS Receivable	40,91,189	19,78,600
c) Advance to Suppliers/Service Provider/Contractor	60,75,422	-
3. Prepaid Expenses	22,969	2,32,695
4. Income Accrued :		
a) On Investments from Earmarked Funds	-	-
b) On Investments-Others	-	-
i) Interest on Fixed Deposit- SBH	80,83,801	1,45,67,240
ii) Interest on Fixed Deposit- ICICI	-	2,83,985
iii) Interest on Fixed Deposit- HDFC	-	12,05,702
c) On Loans and Advances	-	-
d) Others(TA and DA recovery)	-	63,104
e) Others(Intereat Receivable)	57,375	2,38,27,890
5. Reimbursement of Expenses receivable from Government of India-		
a) Asia Pacific Fishery Commission	24,09,679	24,09,679
b) FAO Sub Committee	82,09,215	82,09,215
Total (B)	3,22,69,869	5,53,79,456
Total (A+B)	270,77,53,946	276,85,41,457

Schedule 12- Income From Sales/ Services	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
1) Income from Sales	-	-
a) Sale of finished Goods	-	-
b) Sale of Raw Materail	-	-
c) Sale of Scraps	-	-
2) Income From Services		
a) Labour and Processing Charges	-	-
b) Professional/Consultancy Services	-	-
c) Agency Commission and Brokerage	-	-
d) Maintenance Services (Equipment/Property)	-	-
e) Others	-	-
Total	-	-

Schedule 13 - Income recognised to the extent of grants utilised	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
1) Income Recognised to the extent of grants utilised	31,11,86,997.25	1,25,53,75,603.00
2) State Government (s)	-	-
3) Government Agencies	-	-
4) Institutions/Welfare Bodies	-	-
5) International Organisations	-	-
6) Others	-	-
Total	31,11,86,997	125,53,75,603

Schedule 14 - Fees/Subscriptions	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
1) Entance Fees	-	-
2) Annual Fees/Subscriptions	-	-
3) Seminar/Program Fees	-	-
4) Consultancy Fees	-	-
5) Others (Licence Fees)	1,12,689	96,229
Total	1,12,689	96,229



Schedule 15- Income From Investments	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
1) Interest	-	-
a) On Govt Securities	-	-
b) Other Bonds/ Debentures	-	-
2) Dividends :	-	-
a) On Shares	-	-
b) On mutual Fund securities	-	-
Total	0	0

Schedule 16 Income From Royalty	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
1) Income from Royalty	-	27,52,506
2) Income from Publication	-	-
3) Others	-	-
Total	-	27,52,506

Schedule 17 - Interest Earned	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
1) On Term Deposits:		
a) With Scheduled Banks	6,26,26,146	8,20,96,494
b) With Non Scheduled Banks	-	-
c) With Institutions	-	-
d) Others	-	-
2) Savings Account		
a) With Scheduled Banks	12,68,780	66,160
b) With Non Scheduled Banks	-	-
c) With Institutions	-	-
d) Others	-	-
3) On Loans		
a) Employees/Staff	-	-
b) Matsya Fed , Kerala	-	-
4) Interest on Debtors and Other Receivables		
a) Interest from States	7,10,132	18,27,218
b) Interest due from M/s Moana	-	2,37,99,108
c) Interest from security deposit with M/s Southern power distribution company of telengana state	-	31,980
Total	6,46,05,058	10,78,20,960

Schedule 18 - Other Income	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
1) Profit on sale/disposal of assets:	-	-
a) Owned assets	-	-
b) Assets acquired out of grants, or received free of cost	-	-
2) Export Incentives realized	-	-
3) Fee for Miscellaneous Services	-	-
4) Miscellaneous Income	10,94,826	1,84,402
5) Recovery of HRA	2,21,360	3,32,066
6) Recovery of Water charges	1,23,832	30,168
7) Recovery of Car charges	-	4,900
8) Guest House Rent	57,800	70,600
9) RTI application fees	400	236
10) Excess Provision made in Previous Year	-	35,159
Total	14,98,218	6,57,531



Schedule 19 - Increase/ (Decrease) In Stock of Finished Goods & Work in Progress	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
a) Closing Stock	-	-
Finished Goods	-	-
Work-in-progress	-	-
b) Less : Opening Stock	-	-
Finished Goods	-	-
Work-in-progress	-	-
Total	-	-
Schedule 20 - Establishment Expenses	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
a) Salaries and Wages	1,41,53,559	1,14,75,560
b) Allowances and Bonus	48,99,288	71,02,243
c) Contribution to N.P.S	8,44,564	3,57,386
d) Pension Contribution	15,64,984	6,46,381
e) Leave Salary Contribution	13,88,499	1,25,995
f) Provision for Gratuity (Annexure-1)	2,75,735	2,19,365
g) Salary of Consultants	1,89,88,590	1,95,66,309
h) Manpower Outsourcing Services	1,76,84,771	1,85,30,077
i) Remuneration to Interns	4,07,674	8,54,752
j) Provision for Accumulated Leave Encashment (Annexure-2)	4,27,703	2,06,479
Total	6,06,35,367	5,90,84,547

Schedule 21 - Others Administrative Expenses	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
a) Electricity and Power Charges	18,57,156	18,84,979
b) Water Charges	2,32,439	1,38,674
c) General Insurance	2,16,572	3,73,530
d) Repairs & Maintenance	9,16,426	1,85,007
e) Postage, Telephone and Communication Charges	14,20,891	16,13,227
f) Printing & Stationery	6,41,229	28,64,495
g) Domestic Travelling and Conveyance Expenses	66,39,171	57,33,175
h) Running and Maintenance of Car	1,07,200	1,35,758
i) Auditors Remuneration	1,18,000	1,49,500
j) Advertisement and Publicity	27,73,031	22,08,574
k) Annual Maintenance Charges	6,21,120	11,62,578
l) Garden Maintenance	10,76,777	12,27,582
m) Exposure Visit Expenses	2,20,190	-
n) Fish Festival Expenses	6,53,780	14,33,003
o) Entrance Exam expenses	99,421	-
p) Bank Charges	5,473	1,675
q) Book and Periodicals	75,449	3,76,374
r) World Fisheries Day Exp	49,91,582	-
s) Legal Expenses	3,000	18,816
t) Miscellaneous Expense	52,659	2,01,333
u) NSDL Filling Charges	3,926	2,201
v) Office Expenses	9,35,707	15,79,354
w) Professional Accounting & Service Charges	2,98,193	2,81,487
x) Property Tax	2,21,863	2,21,863
y) Vehicle Hire Charges	22,32,604	30,44,296
z) Meeting Expenses	3,93,536	1,33,992
aa) Exhibition and Conferences	2,09,299	20,81,052
ab) Reimbursement Expenses	7,014	30,606
ac) EC Meeting Expenses	-	2,462
ad) Staff Medical Expenses	39,698	51,873
ae) NFDB Guwahati Expenses	2,77,926	2,41,848
af) NFFBB Bhubaneshwar Expenses	24,48,951	26,25,395
ag) Electrical maintainance	-	-
ah) Penalties	29,965	-
Total	2,98,20,248	3,00,04,709



Schedule 22 - Grants utilised by implementing agencies under various schemes	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
a) Grants given to institutions/ Organisations	22,07,31,382	1,16,62,86,347
Coastal Aquaculture Exp	38,54,970	1,16,62,86,347
Cold Water Fisheries Exp	20,91,977	
Domestic Marketing Exp	8,99,65,097	
HRD Exp	2,24,18,578	
Infrastructure for Post Harvest Exp	3,42,76,329	
Intensive Aquaculture Exp	70,64,936	
Intensive Aquaculture Ponds&Tanks Exp	57,28,831	
M&E Exp	99,120	
Mariculture Exp	19,65,381	
Other Activity Exp	1,58,61,481	
Reservoir Fisheries Development	3,13,68,049	
SWC Exp	24,029	
Technology Upgradation Exp	60,12,604	
Total	22,07,31,382	

Schedule 23 - Interest	(Amount in Rs.)	
	As at 31.3.2018	As at 31.3.2017
a) On Fixed Loans	-	-
b) On other Loans (Including Bank Charges)	-	-
c) Other	-	-
Total	-	-



**National Fishereis Development Board,
Fish Building, Opp to Pillar No 235,
PVNR Expressway, SVPNAP, Hyderabad**

Provision of Gratuity for the F.Y 2017-18 in respect of Regular Employees of NFDB

Annexure-1

(in Rs.)

Sr.No.	Name of the Employee	Designation	Basic Pay	Grade Pay	DA (136%)	Total	Date of Joining	No. of years of completed service	Amount of Gratuity Provision	Opening Provision as on 01.04.2017	Provision for Gratuity for F.Y 2017-18
1	Smt. J Deepa Suman	Executive (T)	13,460	4,600	24,562	42,622	31-Jan-08	10	2,49,994	2,25,403	24,591
2	Ms.K. Bharghavi	Executive Asst.(T)	11,940	4,200	21,950	38,090	19-Nov-10	7	1,61,883	1,39,909	21,974
3	Shri Ashwin K. Bhorah	Executive Asst.(T)	12,930	4,200	23,297	40,427	14-Jul-08	10	2,26,560	2,03,235	23,325
4	Shri Amit Bharatwaj	Executive	49,000	-	2,450	51,450	23-Jul-08	10	2,87,592	2,13,654	73,938
5	Smt. Madhuri	Executive	49,000	-	2,450	51,450	04-Jul-08	10	2,89,159	2,14,952	74,207
6	Smt.Smiti Rekha Pati	Executive Asst.(T)	43,600	-	2,180	45,780	12-Mar-10	8	2,12,686	1,54,986	57,700
7	Smt. P. Bhanu Prakash	Executive Asst.(T)	-	-	-	-	08-Dec-10	7	1,34,709	1,34,709	-
						2,69,819			15,62,583	12,86,848	2,75,735



National Fisheries Development Board,
Fish Building, Opp to Pillar No 235,
PVNR Expressway, SVPNAP, Hyderabad

Provision of Leave Encashment for the F.Y 2017-18 in respect of Regular Employees of NFDB

Annexure-2

(in Rs.)

Sr.No.	Name of the Employee	Designation	Basic Pay	Grade Pay	DA	Total	EL Balance as on 31.03.18 (Days)	HPL Balance as on 31.03.18 (Days)	Amount for EL Balance	Amount for HPL Balance	Total Amount Provided	Opening Provision as on 01.04.2017	Provision for EL & HPL for F.Y 2017-18
1	Smt. J Deepa Suman	Executive (T)	13,460	4,600	24,562	42,622	120	193	1,70,488	1,37,101	3,07,589	2,50,759	56,830
2	Ms.K. Bharghavi	Executive Asst.(T)	11,940	4,200	21,950	38,090	129	147	1,63,787	93,321	2,57,108	2,06,321	50,787
3	Shri Ashwin K. Bhorah	Executive Asst.(T)	12,930	4,200	23,297	40,427	68	113	91,635	76,138	1,67,773	1,13,870	53,903
4	Shri Amit Bharatwaj	Executive	49,000	-	2,450	51,450	194	193	3,32,710	1,65,498	4,98,208	3,78,625	1,19,583
5	Smt. Madhuri	Executive	49,000	-	2,450	51,450	192	178	3,29,280	1,52,635	4,81,915	3,82,888	99,027
6	Smt.Smiti Rekha Pati	Executive Asst.(T)	43,600	-	2,180	45,780	13	51	19,838	38,913	58,751	36,821	21,930
7	Smt. P. Bhanu Prakash	Executive Asst.(T)	-	-	-	-	-	-	-	-	-	1,14,130	-1,14,130
8	Shri. Mallikharjun Are	Executive Asst.(F&A)	36,500	-	1,825	38,325	44	33	56,210	21,079	77,289	28,143	49,146
9	Shri Vipin Chandra	Executive Asst.(T)	36,500	-	1,825	38,325	22	33	28,105	21,079	49,184	21,771	27,413
10	Ms.Sreerenu Hariharan	Executive Asst.(T)	36,500	-	1,825	38,325	40	28	51,100	17,885	68,985	14,868	54,117
11	Ms. M.S. Dorothy	Executive Asst.(T)	36,500	-	1,825	38,325	9	27	11,498	17,246	28,744	9,027	19,717
12	MS. Meda Alihun	Executive Asst.(T)	-	-	-	-	-	-	-	-	-	10,620	-10,620
						4,23,119	831	996	12,54,651	7,40,895	19,95,546	15,67,843	4,27,703

