Neeli Kranti Ke Saath Arth Kranti
Transforming Fisheries
Pradhan Mantri Matsya Sampada Yojana

Department of Fisheries
Ministry of Fisheries, Animal Husbandry & Dairying
Government of India
Our Vision of Blue Revolution aims to harness the immense potential in fisheries sector and bring positive transformation in lives of our hardworking fishermen and fish farmers.”

Narendra Modi
Prime Minister
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CHAPTER - 1

Blue Revolution Scheme: The Tides of Change

Under the leadership of Hon’ble Prime Minister Shri Narendra Modi, the government has brought about transformational reforms in the fisheries sector, pushing for focussed and holistic development of the fisheries sector while ensuring socio-economic wellbeing of fishermen, fish farmers and other stakeholders.

**Blue Revolution Scheme:**

The Blue Revolution Scheme for Integrated Development and Management of Fisheries was launched in FY2015-16 with a central outlay of Rs. 3,000 Crores for 5 years. The consistent efforts made by the Government to bring about the reforms through the Blue Revolution Scheme has yielded appreciable results. Thus, the fisheries sector recorded an impressive average growth of 10.87% as against the GDP growth rate of 7% during the same period.

*Source - CMFRI, Kochi*

*Sea Cage culture in Kochi, Kerala*
Further, the fish production reached an all-time high of 142 lakh tons (FY2019-20) with marine exports touching Rs. 46,663 Crores.
Pradhan Mantri Matsya Sampada Yojana: Addressing Gap in the Fisheries Sector

The Blue Revolution scheme was the first step towards making the fisheries sector economically viable and robust. However, further efforts need to be made for the fisheries sector to realise its full potential. The sector needs reforms to address critical gaps across the value chain; from fish production and quality control to post-harvest infrastructure, traceability and market linkages. In view of the same, the Government of India has conceived Pradhan Mantri Matsya Sampada Yojana (PMMSY) to help the fisheries sector achieve new heights while ensuring socio-economic welfare of fishers, fish farmers and other stakeholders.
PMMSY: The Saga of Transformation of Fisheries

The new flagship scheme Pradhan Mantri Matsya Sampada Yojana (PMMSY) is a pathbreaking initiative under the AatmaNirbhar Bharat Package.

PMMSY builds on the successes of the Centrally Sponsored Blue Revolution Scheme and aims to take the fisheries sector to the next level. With its multi-dimensional interventions and activities along the fisheries value chain such as production and productivity, quality, technology, infrastructure and management, PMMSY aims to transform the fisheries sector and usher economic prosperity for fishermen, fish farmers and other stakeholders.
Key Reforms and Initiatives under PMMSY

- Enhanced Investment in Value Chain
- Technology Infusion
- Policy Support
- Financial Inclusion
- Alternative Livelihood and Entrepreneurship
- Productive Utilization of Land and Water
- Development of Cluster Based Approach
Highest Ever Investment in Fisheries Sector under PMMSY

Rs. 30, 572 Crores investment in the fisheries sector under various Schemes and Programmes namely Blue Revolution, Fisheries and Aquaculture Infrastructure Development Fund (FIDF) and Pradhan Mantri Matsya Sampada Yojana (PMMSY).

Over the 5 years, investments worth **Rs. 20,050 Crores** under PMMSY scheme will flow into fisheries sector. It will be the **highest ever investment in the sector**.
## Government Initiatives

<table>
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<tr>
<th>Year</th>
<th>Initiative</th>
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<tr>
<td>2015-16</td>
<td>Blue Revolution Scheme launched with an outlay of Rs. 3,000 Crores</td>
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<td>2017-18</td>
<td>National Marine Fisheries Policy launched</td>
</tr>
<tr>
<td>2018-19</td>
<td>Fisheries and Aquaculture Infrastructure Development Fund (FIDF) launched with corpus of Rs. 7,522 Crores</td>
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<td>2018-19</td>
<td>KCC facility extended to Fish farmers</td>
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<td>2018-19</td>
<td>Exclusive Department for Fisheries created</td>
</tr>
<tr>
<td>2019-20</td>
<td>Separate Ministry of Fisheries, Animal Husbandry and Dairying created</td>
</tr>
<tr>
<td>2020-21</td>
<td>Pradhan Mantri Matsya Sampada Yojana (PMMSY) launched</td>
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*Fish cage culture with high stocking density in the reservoirs of Jharkhand*
Technology Infusion: More Crop Per Drop

PMMSY lays emphasis on addressing critical gaps in the value chain through technology infusion and optimal water management to achieve ‘more crop per drop’

Rs. 2,841 Crores investment planned for Expansion, Intensification and Diversification of Aquaculture

New Technologies under PMMSY

- Re-circulatory Aquaculture Systems (RAS)
- Bio-Floc
- Aquaponics
- High Density Pond Aquaculture
- Integrated Multi Trophic Aquaculture (IMTA)
- Pen Culture
**Deep Sea Fishing Vessels**
Driving Higher incomes for Traditional fishermen

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<th>Vessel Type</th>
<th>Annual Profit</th>
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<td>Motorised Vessel</td>
<td>Rs. 3 Lakhs</td>
</tr>
<tr>
<td>Mechanised Vessel</td>
<td>Rs. 8-10 Lakhs</td>
</tr>
<tr>
<td>Modern Deep-Sea Fishing Vessel</td>
<td>Rs. 32 Lakhs</td>
</tr>
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**PMMSY Promotes ‘Make in India’**
- Modernization of Fishing vessels
- Low cost indigenous fishing vessels
- Mother Vessels
CHAPTER - 3.4

Alternative Sustainable Livelihoods

- **Mariculture** for safe and secure lives and livelihoods of traditional fishermen
- **25% of Marine Fishermen** to Shift to Mariculture in next 10 years
- **Promoting cage culture & seaweed Cultivation:** Rs. 1,276 Crores investment planned under PMMSY
- Seaweed Cultivation to generate large scale employment for coastal fisherwomen

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**Fisherwomen in seaweed cultivation: Mandapam coast, Tamil Nadu**

**Sea-Cage Cultivation**
Less risk, more profit

<table>
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<tr>
<th>Activity</th>
<th>Capital Cost</th>
<th>Net income per annum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Traditional Fishing Vessel</td>
<td>Rs. 5 Lakhs</td>
<td>Rs. 1.2 Lakhs</td>
</tr>
<tr>
<td>Cage Cultivation (Cobia)</td>
<td>Rs. 5 Lakhs</td>
<td>Rs. 1.8 Lakhs per cage</td>
</tr>
</tbody>
</table>

**Rs. 750 Crores** to be invested for developing **100 Coastal Fishing Villages** to promote sustainable fishing practices, reduce environmental stress and improve socio-economic condition of Costal fishermen.
Productive Utilization of Land and Water: From Waste lands to Wealth Lands

Rs. 576 Crores investment planned for productive utilization of Saline and Alkaline effected lands for Aquaculture

- Development of Aqua hub with end to end linkages for promotion of Exports
- Rs. 520 Crores investment under PMMSY for Development of 10 Lakhs Hectares of Reservoirs and Wetlands for fisheries in next 5 years

Land with saline water used for shrimp farming in Rohtak, Haryana

Fish Cage Culture activity in the Karapuzha Dam, Wayanad District, Kerala
Entrepreneur-Led Model

PMMSY aims to create a conducive environment for private sector participation, development of entrepreneurship & innovative business models in fisheries sector.

Innovations, Start-ups and Incubations, participation by youth, entrepreneurship to be promoted in Fisheries and Aquaculture sector

Empowering the youth to take up entrepreneurship

- Conduct Startup Challenge
- Develop Technology Incubation Centres
- Fisheries Incubation Centre in every Aquapark
- Attractive package of assistance under PMMSY for start-ups/integrated units
Employment Generation and Livelihood support

PMMSY promotes creation of alternate livelihood through Seaweed Cultivation, Ornamental Fish Rearing, Eco-tourism, marine-based handicrafts, value addition to fish/other marine raw material.

- **55 lakh** employment opportunities will be created - 15 Lakh in direct fishes’, 40 Lakh in allied activities.
- **6 Lakh families** to be provided livelihood and nutritional support during fish ban/lean period both in Marine and Inland areas.

**Fish Mobile Van (Jharkhand)**

**Fish Mobile Van (Uttar Pradesh)**

**Shelf Help Group of fisherwomen, Fakirpada village, Khordha District, Odisha**
Doubling Exports

India is one of the leading exporters of seafood. The export of marine products stood at 12.89 lakh metric tons and valued at Rs. 46,663 Crores (~USD 6.73 billion) during FY2019-20.

PMMSY aims at Doubling Fisheries Exports
From Rs. 46,663 Crores to Rs. 1 Lakh Crores by 2025

- Focus on Clusters, species diversification, Promotion of Value-Added Products, Infrastructure and Logistics Support, Marketing and Promotion of Brand India
- 4 Focus Species - Tilapia, Pangasius, Sea Bass and Mud crab

Fisherwomen working in Shrimp processing plant, Kochi, Kerala

Source: CIFT, Kochi
Financial Inclusion

Government of India has taken several initiatives to deepen financial inclusion for fishermen, fish farmers and other stakeholders.

In FY2018-19, Government of India extended Kisan Credit Card (KCC) facility to fishers & fish farmers to help them meet their working capital and short-term credit needs.

Number of financial inclusion initiatives have been undertaken for fishers & fishermen.
1. **Vessel Insurance**
   Insurance coverage for fishing vessels is being introduced for the first time in Fisheries.

2. **Group Accident Insurance Scheme for Fishers (GAIS)**
   Provides for insurance coverage of Rs. 5.00 lakhs in case of death and permanent total disability, Rs. 2.50 lakhs for permanent partial disability and Rs. 25,000 for hospitalization.

Support to fishermen for nets and boats

Fishermen involved in fishing activities in sea at the cost of their lives in Tamil Nadu
Modern Infrastructure in Fisheries Sector

Highest ever investment of **Rs. 7,710 Crores** for Infrastructure Development in Fisheries Sector.

- Rs. 8,000 Crores for harbours and landing centers
- Rs. 2,400 Crores for cold chain & market infrastructure.

Critical Activities to be undertaken for unlocking the value

Inland Fishing Harbours and Landing Centers along the Ganga and Brahmaputra rivers will be promoted
• 61 Fishing Harbours and Fish Landing Centres to be developed and modernized under PMMSY, Sagarmala and FIDF.

• Fishing Harbours and Fish Landing Centres to be promoted as hubs of economic activities.
Anticipated Outcomes and Benefits by 2024-25

- **Fish Production in Lakh Tonnes**
  - By 2019-20: 142 Lakh Tonnes
  - By 2024-25: 220 Lakh Tonnes

- **Average Annual Growth of Fish Production in %**
  - By 2019-20: 7.53%
  - By 2024-25: 9%

- **Average Aquaculture Productivity in Tonnes Per Hectare**
  - By 2019-20: 3.3
  - By 2024-25: 5

- **Employment Generation in Lakhs**
  - By 2019-20: ~15 Lakhs
  - By 2024-25: ~55 Lakhs

- **Per Capita Fish Consumption**
  - By 2019-20: 5-6 kg
  - By 2024-25: 12 kg

- **Fisheries Export in INR Crores**
  - By 2019-20: Rs. 46663 Crores
  - By 2024-25: Rs. 1 Lakh Crores
PM launches Matsya Sampada Yojana, says scheme will double fish exports in 3-4 years

In News

EXCLUSIVE

Prime Minister Narendra Modi on Thursday launched the PM Matsya Sampada Yojana, which aims to double fish exports in three-four years.

Launching the scheme via video-conference, the PM said, "Today the scheme is being launched in 21 states across the country. Over Rs. 25,000 crore will be spent, and fishers in the country will benefit in the next 5 years. Works worth Rs. 1,700 crore are being started today. Under the scheme, several facilities have been inaugurated in Patna, Purnia, Sitamarhi, Madhepura, Kishanganj and Samastipur."

This is the first such comprehensive plan to promote fisheries in the country, he said, adding, "The goal is to double fish exports in the coming 3-4 years."

Girraj Singh joined the launch programme from Patna via video-conference.

Under the new scheme, fish producers will get new infrastructure, modern equipment, and new markets will be provided, Modi said. "This will increase earning opportunities through farming as well as other means. The scheme will boost fish, milk and honey production, paving the way for blue, white and sweet revolutions, he said.

The PM also launched other initiatives for fisheries, dairy and animal husbandry including e-SOPALA app, which will provide information related to cattle care, from productivity to its health and diet. The app will enable cattle owners to buy and sell animals, said a statement from the government.

The PM said the Centre was looking at taking IVF technique in rearing calves to every village.

"A cow generally gives birth to one calf in a year, but there have been experiments in laboratories getting several calves in a year through IVF technique. We aim to extend this technique to every village," the PM said.

Referring to Mission Dolphin, which was announced on August 15, Modi said, "I learnt that Nishir Bahu has been quite excited with the project. I believe if the number of dolphins goes up, it would benefit people living by the Ganga." He was referring to the plan of rearing dolphins in fisheries.

Lauding the work done by the Bihar government, Modi praised Nitish for the scheme to deliver drinking water to every home. "I'll tell you that over 70 to 70 cent people were linked to supplied drinking water. This figure has now gone up to 70 to 70 cent and about 15.4 crore households are linked to the scheme," he said.
It is time now to usher in the Blue Revolution as depicted in the blue colour of the Ashoka Chakra.

Narendra Modi
Prime Minister