



THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY

(Ministry of Commerce & Industry, Government of India)

Panampilly Nagar, Kochi - 682036, KERALA

Aquaculture Scheme Announcement for FY 2025-26

1. Component: Scheme for Advanced Technological Transformation in Aquaculture - Existing units
2. Date of Announcement - 21/07/2025
3. Submission period of applications in **OFFLINE MODE** through concerned Regional Division/Sub Regional Divisions: 01/08/2025 to 30/09/2025 (60 days)
4. The eligible beneficiaries can download the detailed Guidelines along with the application from <https://mpeda.gov.in/>
5. Conditions - Submission of application will not guarantee the release of assistance. The release of assistance will be based on the eligibility of the applications submitted as per guidelines and availability of funds.

Dr. S. Kandan

Joint Director (Training)

MPEDA

**Scheme for
Advanced Technological Transformation in Aquaculture
(Existing units)
2025-26**



THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY
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1. BACKGROUND:

India's aquaculture industry is well-established, with a robust infrastructure that includes aquatic quarantine facilities, hatcheries, rearing units, aquaculture farms, feed mills, and processing plants. However, in recent years, the average productivity per hectare across most export-oriented species has plateaued, with limited gains beyond 6 metric tons per hectare in many cases. The industry also continues to face challenges such as disease outbreaks, biosecurity concerns, limited availability of suitable land for expansion, and non-tariff trade barriers.

To sustain global competitiveness and meet export demands, the sector must adopt advanced technologies that enhance productivity, ensure sustainability, and improve disease control measures. Many major shrimp producing nations like Vietnam, Indonesia etc. have begun to adopt advanced technologies in aquaculture and recognized huge prospects in dealing with issues related to biosecurity, traceability and sustainability.

In response to these needs, the ICAR-Central Institute of Brackish Water Aquaculture (CIBA), Chennai, recently developed and successfully demonstrated a Super-Intensive Precision and Natural Farming System (SIPNFS), initially applied in shrimp farming. This science-based farming model has achieved yields of over 40 tons per hectare per crop under controlled conditions, and pilot-scale commercial trials (2000 m³) have shown productivity levels of 30 to 45 tons per hectare per crop. The system significantly reduces pathogen risks and environmental impact, offering a scalable solution suitable for both corporate and small-scale aquaculture operations.

To encourage the adoption of Super-Intensive Aquaculture Technology and promote the sustainable growth of export-oriented aquaculture species, the Marine Products Export Development Authority (MPEDA) is implementing a pilot scheme for culture units

that adopt the **Advanced Technological Transformation in Aquaculture (ATTA)** framework. This initiative aims to enhance productivity, ensure biosecurity, and optimize resource use and input efficiency. Technical requirements for an indicative model unit, based on shrimp species, are provided in **Annexure 1** and can be suitably adapted to other export-oriented species under the scheme.

2. OBJECTIVE OF THE SCHEME:

- Encourage adoption of advanced farming technology
- Disseminating the technology to the farmers
- Ensuring the Biosecurity of the produced species
- Ensuring Food safety
- Optimize the use of inputs Eco-friendly and efficient water management, while enhancing productivity

3. ELGIBILITY CRITERIA:

- Those units which have been established and operating since 01/04/2020 and fulfilling the criteria specified in Terms & Conditions can apply.
- The farmer should submit records (such as seed purchase bills, harvest details, sale details of raw materials, etc.) for minimum two successful crops cultured in the unit.
- During the first year (2025-26) of implementation, the applicants who have established super intensive farming units on or after 01/04/2020 and operating on advanced technology from 01/04/2020 will be considered under the scheme. For 2025-26, the total sale proceeds achieved will be considered from 01/04/2020 only.

- For subsequent years of scheme implementation, the investment made from 01/04/2021 and total sales proceeds for the past five years only will be considered.
- The total sale proceeds achieved by the applicant's unit from the sale of cultured species must be at least three times (3x) the financial assistance amount eligible under the scheme.
- Assistance will be provided to those units which have all the components mentioned as mandatory in Item no. 5 (Project Components)

4. METHOD OF IMPLEMENTATION

- MPEDA will call for applications from eligible units, and a period will be allocated for submission of applications. The intimation about the opening of the application period for the scheme will be given in advance on MPEDA website. Incomplete applications/applications not in line with the guidelines will be summarily rejected, and the fees remitted by the applicant will not be refunded.
- Applications received only on or before the deadline will be processed.
- The facility of the eligible applicants will be inspected by a field-level committee consisting of two MPEDA officer(s) not below the rank of Assistant Director in the region or one MPEDA officer not below the rank of Assistant Director in the region and an officer from other Regional /Sub Regional Division of MPEDA not below the rank of Assistant Director.
- The field-level committee shall submit the physical verification report and geo-tagged photographs of each component proposed for assistance.
- The application with the recommendation of the Officer in charge of the field office will be scrutinised by HO and the application will be placed before the technical committee constituted with the following members and recommended for sanction of eligible assistance.

- Director, MPEDA– Chairman of the committee
- Joint Director (Trng/Aqua)
- Two experts (Representative from ICAR-CIBA / College of Fisheries/ Aquaculture institution/State Dept. of Fisheries/CAA)
- DD Aqua /AD Aqua, MPEDA-HO – Member Convenor
- The assistance will be released through electronic transfer (PFMS) to the AADHAR linked Bank account of the beneficiary on submission of the Advance stamp receipt and Bank account details with a cancelled cheque

5. REGULATORY COMPLIANCE

The units shall be established in compliance with the rules and regulations applicable time to time with regard to establishment and operation of such units by CAA / Regulatory authorities.

6. PROJECT COMPONENTS:

The following components are eligible for assistance under the scheme:

1. Grow-out tanks (Mandatory)
2. Pre-grow out tanks
3. Nursery tanks
4. Plumbing and Electrical accessories (Mandatory)
5. Aerators/ Blowers & Diffusers (Mandatory)
6. Pumps (Mandatory)
7. Generator set (Mandatory)
8. Automatic feeders
9. Smart electric panel
10. Remote surveillance using CCTV
11. Water Testing Devices/ Laboratory/Storeroom
12. Reservoirs / Water Treatment Tanks
13. IoT-based pond monitoring systems

14. Effluent Treatment Systems
15. Infrastructure to meet bio-security requirements (Mandatory)
16. Investment in infrastructure for renewable energy support systems
17. On premises feed manufacturing unit

7. PATTERN OF ASSISTANCE

- 50% of admissible capital cost incurred for setting up of culture unit subject to maximum assistance amount of Rs.30 lakhs.
- For beneficiaries belonging to SC/ST category, it shall be 75 % of the admissible capital cost subject to a maximum of Rs.45 lakh.
- The assistance will be 75% if the unit is established in the Northeast Region, the Andaman & Nicobar Islands, and the Lakshadweep Islands of India.

8. TERMS AND CONDITIONS:

- The site/farm shall be easily accessible and have a reliable water source.
- Minimum size of the Grow out tank should be 500 m³.
- Facility for electricity, power back up, pump house, feed/chemical storage shed, watch and ward, water drainage canal, effluent treatment system etc. shall be available.
- Beneficiary can be an individual / Society / SHG / Trust / Company / Partnership / PSU / Govt. Dept-Central or State / Autonomous institutions of State /Central Govt.
- A project report outlining the infrastructure, bio-security measures, production capacity, technological support, employment generation, and operational economics must be submitted along with the application.

- A processing fee of Rs. 5000/- (Rupees Five Thousand only) + 18% GST (Rs. 900/-) per application is payable along with the application.
- The application fee once paid will not be refunded at any cost, even if the application is rejected by MPEDA / withdrawn by the applicant.
- The beneficiary shall submit the application within the prescribed dates as per the scheme announcement along with copies of all the required documents as in Annexure II.
- The copies of the submitted documents will be verified with the original by the MPEDA Officials and certified by putting signature and stamp.
- Bills with GST will only be considered for machinery and equipment.
- Assistance for civil works (calculated at Delhi Schedule of Rates) will be limited to 25% of the maximum financial assistance or 10% of the total cost of the project whichever is less.
- The expenses towards setting up civil infrastructure, along with DRS Rate code and valuation certificate issued by a Chartered Engineer has to be submitted along with a Bank statement showing payment transactions.
- Certificate issued by Chartered Accountant on the total project cost along with Statement of expenditure.
- Credit bills for Rs. 50,000/- or less are admitted, supported by stamped receipts from the supplier if paid in cash.
- Invoices/bills/vouchers for expenditure incurred have to be supported with a copy of a bank statement highlighting each payment made for domestic purchases.
- In the case of imported items, a Bill of Entry, Bill of Lading, and Bank Remittance Advice, etc. shall be mandatory.
- Used/refurbished/defective machinery, equipment, and infrastructure will not qualify for assistance under the scheme.
- Wastewater shall be subject to treatment in the Effluent Treatment System before discharged.

- Units are encouraged to follow zero or minimal water exchange system to regulate the contamination.
- The cost of land / lease amount is not eligible for financial assistance.
- The applicant will be eligible for assistance only if the scheme is in operation at the time of considering the final claim subject to the availability of funds.
- Date of implementation of the schemes: The scheme will be in operation from the date of approval by the Competent Authority.
- The applicant has to affix a board in the assisted farm/unit in a prominent place with the words **“MPEDA ASSISTED FARM/UNIT”** written in Vernacular, Hindi and English.
- The Original invoice / documents along with photocopy self-attested by the authorized signatory of the unit shall be scrutinized by the Authorized Officer of MPEDA and affixed with the following stamp on the photocopy:
“The bill pertains to machinery / equipment/ items acquired for financial assistance scheme of MPEDA”.

Signature.....Name:... Designation: Asst./Dy. Director

- The scanned copies of such original bills/ photocopies of documents have to be submitted as an attachment to the final application along with a statement prepared by the verifying officer in the following manner.

Sl. No.	Name of the supplier	Invoice no.& date	Amount (Rs)	Purpose	Remarks

- All supporting documents such as purchase invoices for seeds, bank statements, and sales bills must clearly reflect transactions that occurred on or after 01/04/2020 only.

- The total sale proceeds achieved by the applicant's unit from the sales of the cultured species must be at least three times (3x) the financial assistance amount eligible under the scheme. This shall be supported with documents like Raw material receipt from the buyer, Sales bill, Farm records and bank transactions etc
- Units found non-compliant or unable to demonstrate the required level of production and investment post 01/04/2020 will not be considered for assistance.
- The consideration of the applications for financial assistance will be based on the highest total sale proceeds.
- In the event of a tie in the highest total sale proceeds, applicant with a higher investment will receive priority.
- The MPEDA decision in this regard shall be final and binding on all applicants. Applicant shall not be entitled as a matter of right to claim priority to financial assistance.
- A unit or farmer who has availed assistance under the scheme will not be eligible for assistance under the same scheme in subsequent years.

9.ANNEXURES:

The following annexures also included in the guideline for easy access.

Annexure I: Technical requirements of the project

Annexure II: Final application format

Annexure III: Affidavit format in Rs. 200/- non judicial stamp paper

Annexure IV: Check list for verification of application

Annexure V: Recommendation of field level inspection committee

Annexure VI: Format of certificate by Chartered Accountant on the total project cost

**Technical requirement: Advanced Technological Transformation in
Aquaculture (ATTA)**

1. Site selection and setting up of tank

a. Site Selection

- *Farm site:* An elevated land area which is not prone to cyclones or natural calamities may be selected for the setting up of the project
- *Water Supply:* Reliable access to clean seawater or brackish water source.
- *Electricity:* Ensure a stable power source for aeration, pumping, feeding, operation of water quality monitoring sensors, water treatment system etc. Provision for alternative power back up is also to be ensured.
- *Accessibility:* The site should have easy road access for transportation of inputs and harvested species.
- *Soil Quality:* Non-saline, well-draining soil is preferable for the foundation.

b. Tank Specifications

- **Shape:** Circular/oval tanks are ideal to ensure even water circulation. Metallic frame with epoxy coating is preferred as the outer skeleton of the tank which can be lined internally with 1-2 mm thick HDPE sheet to hold water. Any other appropriate tank construction material can also be chosen.
- **Tank Dimensions (2+1 Model)**
 - Two grow-out tanks
 - One nursery tank
- **Biosecurity** of the culture units shall be ensured

c. Grow out tanks

- Diameter: 25–32 meters
- Depth: 1-1.3 meters
- Capacity: 500–1000 cubic meters per tank

d. Nursery tank

- Diameter: 10 - 20 meters

e. Tank Layout:

- Provide walkway between tanks for easy access.
- Ensure a 20 - 25 cm slope at the tank bottom to facilitate waste removal.
- Maintain separate tanks for the nursery and grow-out phases.

2. Water Management System

a. Water Quality Standards: Ideal water quality standards for shrimp culture in tanks is given below

- Temperature: 28–30°C
- Salinity: 10–35 ppt (species-dependent)
- pH: 7.5–8.5
- Dissolved Oxygen (DO): Above 5 ppm
- Ammonia: Below 0.1 ppm

The ideal parameters vary from species to species.

b. Filtration and water treatment

- *Mechanical filter:* Either a subsurface bore from the water source or the installation of sand filters and an associated treatment system attached to the water intake system is ideal.

- *Water treatment:* Water can be treated either with a required concentration of chlorine or by injecting Ozone based on the water quality and disease threat.
- *UV Sterilizers:* Can use UV Sterilizers to control bacterial and viral loads to minimize the disease risks.

3. Aeration Systems and power backup

- Install paddlewheel aerators and air blowers/air diffusers with smart control/timer control to maintain the required dissolved oxygen levels and proper water movement for waste disposal.
- Use a central drainage system to remove waste and sludge efficiently on time.
- Other than the normal electricity connection, ensure that sufficient power backup is already available at the site. Alternative energy, such as solar energy, may also be used.

4. Species Stocking

a. Species Selection

- Pacific White Shrimp (*Litopenaeus vannamei*): Ideal for high-density farming.
- Black Tiger Shrimp (*Penaeus monodon*): Suitable for brackish water but requires stricter management.
- Any other export-oriented species

b. Stocking Density (Shrimp)

- Nursery Phase: 500–2,000 post-larvae (PL) per square meter.
- Grow-out Phase: 100–300 shrimp per cubic meter, based on the aeration capacity and water management system.

5. Food and Nutrition

- Use high-quality commercial feed with 35-45% protein content.
- Schedule of feeding in nursery Phase: 5-6 times per day.
- Grow-out Phase: Starting with 3-4 times per day, with reduced frequency as the shrimp grows.
- Utilize automatic feeders for timely feeding and may use feeding trays to optimize feed consumption.
- Incorporate probiotics to enhance digestion and support water quality.

6. Health and Disease Control

Biosecurity Measures:

- Limit visitor access to prevent disease introduction.
- Disinfect equipment and tanks regularly.
- Conduct screening for all WOAHL-listed pathogens at regular intervals.

7. Harvesting and Post-Harvest Handling

- *Harvesting Period:* 3-4 months post-stocking, when shrimp reach 15–40 grams as per the market requirement and harvest plan.
- Use drag nets after reducing the water level or can be harvested after draining the water.
- Immediately chill the harvested shrimp to 0–4°C to preserve freshness and quality.

FINAL APPLICATION FORM

(Every page of the application should be signed by the applicant)

THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY

(Ministry of Commerce & Industry, Government of India)

REGIONAL /SUB REGIONAL DIVISION,.....

**APPLICATION FOR ADVANCED TECHNOLOGICAL
TRANSFORMATION IN AQUACULTURE (ATTA)**

Sl. No.	General Information	
1	Name of the Applicant (s) in capital	
2	Gender (Male/Female/Transgender)	
3	Address for communication	
4	Tel/Fax/Mobile/E-mail Id	
5	Survey No(s)	
6	Village	
7	Taluk	
8	District	
9	State	

10	Ownership (individual / Society / Company with details /others)	
11	Total land area (ha)	
12	Area proposed for development (ha)	
13	Whether the land is owned by the applicant or on lease (Attach copy of Patta/lease deed)	
14	If on lease indicate the lease period in years (from..... to.....) and enclose Joint declaration cum undertaking and No Objection certificate from the owner of the land	
15	Intended species	
16	Anticipated production in one crop (in kg)	
17	Anticipated no. of crops per year	
18	Date of commencement of the project	
19	Total Capital investment (Rs. Lakhs)	
20	Source of fund for financing the project	
21	Aadhaar linked Bank Account	

	No. Enclose copy of first page of bank passbook	
22	Aadhaar card No. & PAN card. Enclose copies.	
23	Whether beneficiary has availed any assistance for such scheme from any other source. If so please specify	
24	Whether beneficiary belongs to SC/ ST?	

I / We hereby certify that the particulars given in the application and papers appended thereto are true to the best of my /our knowledge and belief.

I/We do hereby undertake to provide whatever additional particulars may be called for by the MPEDA in connection with the application.

Copies of all the documents as per the check list enclosed along with this application.

Signature:

Name:

Date:

Place:

Documents to be submitted along with application:

1	Land Ownership Document/Patta
2	If leased, the Valid Lease Agreement
3	If leased, a Joint undertaking by the owner and lessee and No Objection from the owner if not incorporated in lease agreement that the lessee can avail financial assistance from MPEDA/ Govt.
4	If a partnership firm, a Power of Attorney is issued by all partners to one of the partners for signing all documents on behalf of the firm
5	If a Ltd Company, a Board Resolution authorizing one of the Directors to sign all documents attested by the Company Secretary
6	Affidavit in the prescribed format in Rs.200/- Non–Judicial Stamp Paper
7	Application Fee of Rs. 5000/- + GST 18%
8	Project report
9	Statement of Expenditure incurred along with all the bills/vouchers and money receipt and mode of payment as per the terms and conditions
10	Cancelled cheque
11	Copy of Bank statement
12	Caste certificate in case of SC/ST beneficiary
13	Chartered Engineer certificate
14	Certificate issued by Chartered Accountant on the total project cost

Annexure III

(On Rs. 200/- non-judicial stamp paper)

AFFIDAVIT

1. I, son/daughter/wife of
aged.....proprietor / partner / Director of
..... (*name and address of the firm / company*) hereby declare and certify that I/our firm/company have not availed any financial assistance earlier for the same purpose at the same location.

2. I, further agree and undertake that in the event of it coming to light that I/our firm/company has obtained or availed any financial assistance from any other Government Agencies, Autonomous Bodies/State Government etc. for the same item of machinery/ equipment in question from any other sources, I/our firm/company shall refund to MPEDA the entire amount of financial assistance together with interest @ 12% per annum to be calculated from the date of disbursement of financial assistance.

Signature:

Name:

Date:

Place:

Annexure IV

**Checklist for Verification of Application for use of MPEDA Regional
Division / Sub Regional Division and Head Office**

1. Beneficiary Details	
Name of the Beneficiary	
Address	
Contact Details	
Mobile Number.	
Land phone number	
E-mail ID	
Aadhar No	
Bank Account Details	
<i>Name of Bank</i>	
<i>Branch Name</i>	

Aadhar linked A/c No

IFSC

2. Farm Details

No. of tanks (Nursery/Pre grow out/Grow out) and their capacity (in cu. M)

List out other components in the facility

Sl.No	Name of the Documents	✓ Mark				Remarks
		RD/SRD		HO		
		Yes	No	Yes	No	
1	Geo-tagged photograph of farm					
2	Certificate on Compliance of submission of land documents					
3. Application Details						
1	Statement of Expenditure incurred along with all the bills/vouchers and money receipt and mode of payment verified by the designated officer in RD/SRD					
2	Purchase of equipment/machinery/inputs are only after the date of application for advance approval					
3	Bills with GST					
4	Chartered Engineer certificate					

5	Chartered Accountant certificate on total project cost along with Statement of expenditure					
6	Credit bills for Rs 50,000/- or less are supported by a stamped receipt from the supplier if paid in cash					
7	Invoices/Bills/ Vouchers for expenditure incurred have to be supported with copy of the bank statement					
8	Aadhar linked bank A/c No. with a cancelled cheque					
9	Declaration on Source of Finance/Bank loan sanction letter					
10	Declaration by the beneficiary stating that not availed subsidy / financial assistance from any other agencies for the same facility					
4. Office Activity						
1	Physical verification report of committee constituted for the purpose					
2	Geo-tagged photographs taken by MPEDA officials					
3	Check list/Assessment report of capital cost					
4	Sales proceeds achieved					

5	Assessed Capital cost (Rs)	
	Eligible Financial assistance amount (Rs) recommended	

RD/SRD Verification	HO Verification
<p>Checked By: Name/Designation/Signature</p> <p>Verified By: Name /Designation/Signature</p> <p>Officer-in-Charge (RD/SRD)</p>	<p>Checked By: Name / Designation /Signature</p> <p>Verified By: Name /Designation/Signature</p> <p>DD/ Section Head</p>

Annexure V

RECOMMENDATION OF THE FIELD LEVEL INSPECTION / TECHNICAL COMMITTEE FOR GRANTING FINANCIAL ASSISTANCE UNDER MPEDA SCHEME FOR ADVANCED TECHNOLOGICAL TRANSFORMATION IN AQUACULTURE (ATTA)

The field level inspection/technical committee has inspected all the facilities created/inputs used as per provisions of the schemes, verified all relevant documents, the application for financial assistance, the check list and after careful examination of the concerned documents presented, the technical committee matched all the bills, invoices with the item purchased, installed/used and found correct and satisfied with the implementation and recommends the farm unit for granting financial assistance, as per the norms of the MPEDA scheme, as given below.

Sl. No.	Name and address of beneficiary	Particulars of Land (area in Ha, survey no, Village, Taluk, District)	Capital cost as per assessment (Rs)	Recommended assistance amount (Rs)

Annexure VI

FORMAT OF CERTIFICATE BY CHARTERED ACCOUNTANT ON THE TOTALPROJECT COST

We have verified the books of account and other relevant records maintained by M/s..... (name & address of the unit)and certify that the capital expenditure of Rs..... (Rupees only) incurred by the unit from..... to towards setting up of capital infrastructure, machinery and operational equipment (Strike out whichever is not applicable) for aquaculture of export-oriented species.

Signature:

Name:

Designation:

Membership No:

UDIN No:

Seal:

Place:

Date:
