



सत्यमेव जयते



**30<sup>th</sup>  
August  
2024  
KOCHI**

# **INTERNATIONAL CONCLAVE ON NEXTGEN TECHNOLOGIES IN SEAFOOD SECTOR - 2024**

**The Marine Products Export Development Authority**

**(Ministry of Commerce & Industry, Government of India) Kochi-682 036**

The Marine Products Export Development Authority (MPEDA) has been at the forefront of the holistic development of the sector through active and timely interventions in both capture and culture fisheries. The target set for 2030 is to achieve USD 18 billion in marine exports from India. It is essential that NextGen technologies are identified, adopted, and propagated among the stakeholders to achieve this goal. In this context, MPEDA proposes to organize an international conclave on NextGen technologies in the seafood sector. **The conclave will provide a platform for demonstrating technologies that are proven and ready for adoption in the seafood value chain with minimal modifications.**

### **OBJECTIVE:**

- 1. Promote and Facilitate Adoption of NextGen Technologies in Seafood Sector**
- 2. Engage and Involve a Broad Range of Stakeholders**
- 3. Encourage Participation and Knowledge Sharing**

### **PARTICIPANTS:**

- ✓ **Exporters**
- ✓ **Processors**
- ✓ **Hatchery operators**
- ✓ **Aquaculture farmers**
- ✓ **Feed mill operators**
- ✓ **Fishers**
- ✓ **Policy makers**

### **SELECTION PROCESS FOR TECHNOCRATS:**

An expert committee constituted for the preliminary screening of the applications will scrutinize the concept notes. The shortlisted candidates will be given an opportunity to present their technology/innovation before the expert committee in an online mode. The selection process may include proof of concept, if the technology presented requires it. About **10 candidates will be selected** through this process based on the merit of the technology and will be invited to present at the conclave. **The expenditure towards air fare by shortest route in economy class or train fare, local conveyance and accommodation for the selected candidates will be borne by MPEDA.**

**THEME:**

Sector	Areas of interventions	Technology
Capture Fisheries	<ul style="list-style-type: none"> <li>• Species identification</li> <li>• Catch data collection/monitoring</li> <li>• Deep sea fishing</li> <li>• On-board handling</li> <li>• Energy efficient operations</li> <li>• Reducing carbon footprint</li> </ul>	<ul style="list-style-type: none"> <li>✓ Artificial intelligence</li> <li>✓ Sensors &amp; IoT</li> <li>✓ Data science</li> <li>✓ Acoustics</li> <li>✓ Information technology</li> </ul>
Hatchery	<ul style="list-style-type: none"> <li>• Health and growth tracker</li> <li>• SPF live feeds</li> <li>• Automation –sensors for water quality, seed counting etc.</li> <li>• Innovative Breeding/Seed production technology</li> <li>• Disease diagnostics</li> <li>• Energy efficient operations</li> <li>• Reducing carbon footprint</li> </ul>	<ul style="list-style-type: none"> <li>✓ Engineering</li> <li>✓ Remote sensing</li> <li>✓ Geographical information system</li> <li>✓ Drone technology</li> <li>✓ Biotechnology</li> <li>✓ Other Technologies</li> </ul>
Farming	<ul style="list-style-type: none"> <li>• Low-cost feeds</li> <li>• Harvesters</li> <li>• Automation</li> <li>• Water testing / disease testing kits</li> <li>• Energy efficient operations</li> <li>• Smart &amp; precision aquaculture</li> <li>• Biomass estimation &amp; Optimized feeding practices</li> <li>• Disease diagnostics</li> <li>• Low-cost feed</li> </ul>	
Processing	<ul style="list-style-type: none"> <li>• Frozen shrimp/fish handling</li> <li>• Dry Fish/Shrimp handling</li> <li>• Chill fish handling</li> <li>• Packaging &amp; Storage</li> <li>• Value Addition</li> <li>• Automation of processing steps</li> <li>• Energy efficient operations</li> </ul>	
Transportation	<ul style="list-style-type: none"> <li>• Live fish transportation</li> <li>• Frozen/Chill fish or shrimp transportation</li> <li>• Tracking &amp; monitoring</li> </ul>	

## ORGANISING COMMITTEE:

- Patron** : Shri. D.V. Swamy, IAS, Chairman, MPEDA
- Convener** : Dr. M. Karthikeyan, Director, MPEDA
- Organizing Secretary** : Shri. K.S. Pradeep, IFS, Secretary, MPEDA
- Coordinators** :
1. Joint Director, QC
  2. Joint Director, Marketing
  3. Joint Director, Training
  4. Deputy Director (Aqua)
  5. Project Director, MPEDA-RGCA
  6. CEO, MPEDA- NaCSA
  7. CEO, MPEDA- NETFISH

## IMPORTANT DATES:

- Invitation call for submission of concept note : 01.07.2024
- Last date for submission of concept note : 15.07.2024
- Presentation & Proof of concept : 30.07.2024 & 31.07.2024
- Announcement of candidates for the conclave : 14.08.2024
- Conclave : 30.08.2024

## FOR MORE INFORMATION:

**The Marine Products Export Development Authority**  
(Ministry of Commerce & Industry, Government of India)

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## Application for submission of proposals

### International conclave on NextGen technologies in seafood sector

1.	Name of the company/ organization / institute	
2.	Registered address with website / email id	
3.	Name of person(s) who will present the technology in the conclave	
4.	Qualification of person presenting the technology	
5.	Communication address of person presenting the technology	
6.	Contact Mobile No. / WhatsApp No.	
7.	Contact Email id	
8.	Technology proposed to present in the conclave	
9.	Patent details, if any	
10.	Customer feedback and Testimony	
11.	The theme under which proposal is submitted (Sector/Area of intervention/Technology adopted)	
12.	Brief description about the proposal (not more than 200 words)	
13.	Whether the technology is presented in any of the conferences / seminars / expo? If so, name the event with year	
14.	Please submit a brief note on the technology proposed along with the application form in pdf format.	

Place:

Date: