



Blue Economy-Wave 36



Capt. Gajanan Karanjikar, Blue Economy Social Activist & Multi Modal Logistics Expert



in India is surging ahead. Major interests in India in promoting inland aquaculture surround carps, catfishes including Pangasius, freshwater prawns, freshwater pearl culture, Coldwater fisheries, ornamental fish culture etc. The estimated potential for ornamental fish export from India is about US\$ 30 million. There is also great future for Tilapia, which is being carefully introduced. The marine shrimp sector is well developed with the presence of world's industry leaders, and the recent introduction of P. vannamei. A huge untapped potential

What is aquaculture potential?

Unlike the marine fish production which has been stagnating, as elsewhere, the inland aquaculture production

(Series on "Blue Economy" By Capt. Gajanan Karanjikar)

Table : Tweaking the Indicators to Suit India

lies in developing Mariculture including the farming of mussels, edible oysters, marine pearls, seaweeds etc. The potential for open water cage and pen culture in the inland and coastal areas is also immense.

Sustainable Mariculture promises economic and environmental benefits. Economies of scale imply that ranching can produce fish at lower cost than industrial fishing, leading to better human diets and the gradual elimination of unsustainable fisheries. Fish grown by Mariculture are also perceived to be of higher quality than fish raised in ponds or tanks, and offer more diverse choice of species. Consistent supply and quality control has enabled integration in food market channels.

How it can be developed?

Strategy is to promote the sector, increase productivity, expand area under cultivation and diversification of species. An increase of productivity from the present five metric tonnes per

hectare to 10 metric tonnes is desired

Trends, issues and development

Aquaculture in the past ten years has witnessed both horizontal and vertical expansion, with total production increasing from 0.37 million tonnes in 1980 to 4.43 million tonnes during

2012–2013, an increase of over 12 fold. Conventional farming practices using carp, as well as an increased emphasis on diversified culture of freshwater prawns and to some extent catfish, are important areas of growth in the freshwater aquaculture sector. Greater adoption of modern farming techniques and assured higher profit margins in carp culture over most other agricultural enterprises has attracted farmers to fish farming.



(To be continued...)

The detailed judgment of the international tribunal on the Italian Marines case



Permanent Court of Arbitration in Hague

NEW DELHI
Sagar Sandesh News Service

India must cease to exercise its jurisdiction

In a close 3:2 vote, the tribunal ruled that the Italian marines enjoyed diplomatic immunity as Italian state officials under the United Nations Convention on the Law of Sea. Taking note of the "commitment expressed by Italy" to resume its criminal investigation into the incident, the tribunal said India must cease to exercise its jurisdiction.

While Tribunal President Vladimir Golitsyn, judges Jin-Hyun Paik and Professor Francesco Francioni voted in favour of Italy, judges Patrick Robinson and Pemmaraju Sreenivasa Rao voted in favour of India.

THE Italian Marines — facing charges of killing two Indian fishermen in February 2012 — will not be tried in India, and face criminal proceedings in Italy, said the Permanent Court of Arbitration on Thursday.

The court, based in The Hague, further said New Delhi was entitled to compensation and asked India and Italy to consult on the amount of compensation due.

In a close 3:2 vote, the tribunal ruled that the Italian marines enjoyed diplomatic immunity;

Known as the Enrica Lexie incident, it took place in February 2012, when the Italian oil tanker Enrica Lexie, traveling off the coast of Kerala was approached by an Indian fishing vessel. Two Italian marines onboard fired what Italy contends were warning shots at the ship. Two fishermen, Ajesh Binki and Valentine, were killed.

India, however, says the vessel was fired at without notice.

Italian marines Massimiliano Latorre and Salvatore Girone returned from India to Italy on September 13, 2014 and May 28, 2016, respectively under an informal arrangement entered to between Indian and Italian governments.

The tribunal also rejected Italy's claim for compensation for the detention of the marines

Italy had approached the International Tribunal for the Law of the Sea, an arbitral tribunal under the International Court of Justice in 2015, and the matter was heard by the Permanent Court of Arbitration in July 2019.

Disclosing the details of the verdict, Indian Ministry of External Affairs spokesperson Anurag Srivastava said the court upheld the conduct of the Indian law enforcement authorities, and declared that Italy had breached freedom of navigation. He said the tribunal also rejected Italy's claim for compensation for the detention of the marines.

"However, it found that the immunities enjoyed by the Marines as State officials operate as an exception to the jurisdiction of the Indian courts and, hence, preclude them to judge the Marines," Srivastava said.

In a statement on Thursday, the Italian Foreign ministry said, "Italian Marines Massimiliano Latorre and Salvatore Girone are entitled to immunity from the jurisdiction of Indian courts in relation to the acts occurred during the incident of 15 February 2012; India is therefore precluded from exercising its jurisdiction over the Marines. The Arbitral Tribunal has therefore agreed on the Italian position that the Marines, being members of the Italian armed forces in the official exercise of their duties, cannot be tried by Indian courts."

As a result of the breach, India is entitled to payment of compensation

Acknowledging the breach of freedom of navigation, it said, "As a result of the breach, India is entitled to payment of compensation in connection with loss of life, physical harm, material damage to property and moral harm suffered by the captain and other crew members of the Indian fishing boat St. Anthony."

"Italy stands ready to fulfill the decision taken by the Arbitral Tribunal, in a spirit of cooperation," the Italian Foreign ministry said.