

Short Report

Indo-German Bilateral Workshop “MariSustain” on theme “Marine Farming - opportunity towards entrepreneurship, self-employment and sustainable rural development” was organized by Goa University and Leibniz -Centre for tropical Marine Research (ZMT), Bremen, Germany during 23-25 August 2022 in Leibniz-ZMT building, that was funded by Indo-German Science and Technology Centre, New Delhi, India.

The workshop was held with 15 Indian and 15 German participants. The focus was on novel and more sustainable techniques for aquaculture practices like e.g. green mussel cultivation, oyster farming, seaweed cultivation, and multiplication of such projects at a commercial scale using advanced techniques. This also included the potential for co-culture and/or IMTA Integrated MultiTrophic Aquaculture.

The aim of this workshop, next to mutual exchange, was to look for possible collaborative projects between Indian and German institutes and the aquaculture industries. The workshop looked into alternatives for IMTA including mussel/oyster production to meet the market demands. Apart from the sustainable production of sea food, this workshop could be a step towards the generation of employment and community entrepreneurship development model.



Official photo of Indo-German participants on 24.08.22 in the Leibniz-ZMT building.



Photo taken during the ice-breaker session on the 23.08.22 in the Leibniz-ZMT building.

Apart from ZMT aquaria facilities (MAREE, Marine Experimental Ecology), the participants also visited the aquaria facilities of the ZAF, Zentrum für Aquakulturforschung, at the AWI in Bremerhaven and the former fish market in Bremerhaven, where fish processing facilities are installed.

In the networking sessions, we identified mainly six scientific fields of major interest for the participants: Seaweed culture, mussel and oyster culture with self-organized women groups in Goa and Kerala, hatcheries to provide supply, IMTA and intensive farming setups, feed and microbial activity. In another networking session, participants from the four target groups: Indian Science, Indian Private Sector, German Science, German Private Sector, formulated questions they need to be answered to continue their work within their target group— addressed to the “other three target groups”.



Participants in networking session, World Café Round.