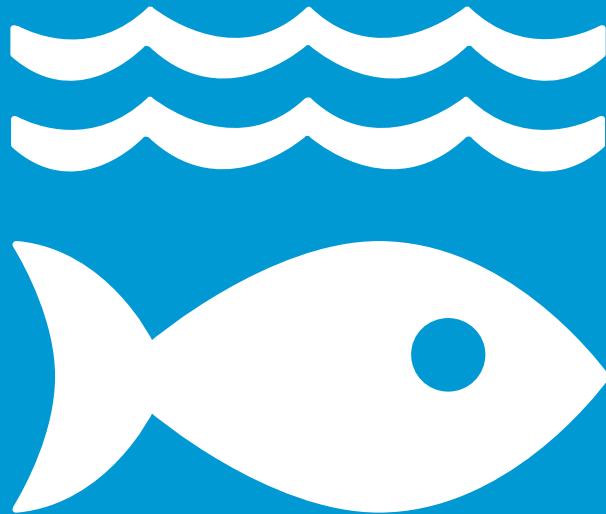


14 LIFE BELOW
WATER



14 LIFE BELOW WATER

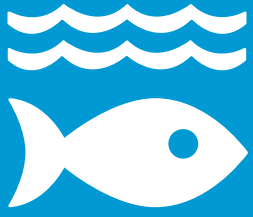


“The two SDGs that look at the broader ecosystem divide it into Life Below Water, and Life on Land. The oceans, and the rivers and watersheds that link to them, are the largest part of our ecosystem. 40% of the world’s population lives within 100km of the coast, and we all rely – directly or indirectly – on the sea.”

(THE Impact Rankings)



14 LIFE BELOW WATER



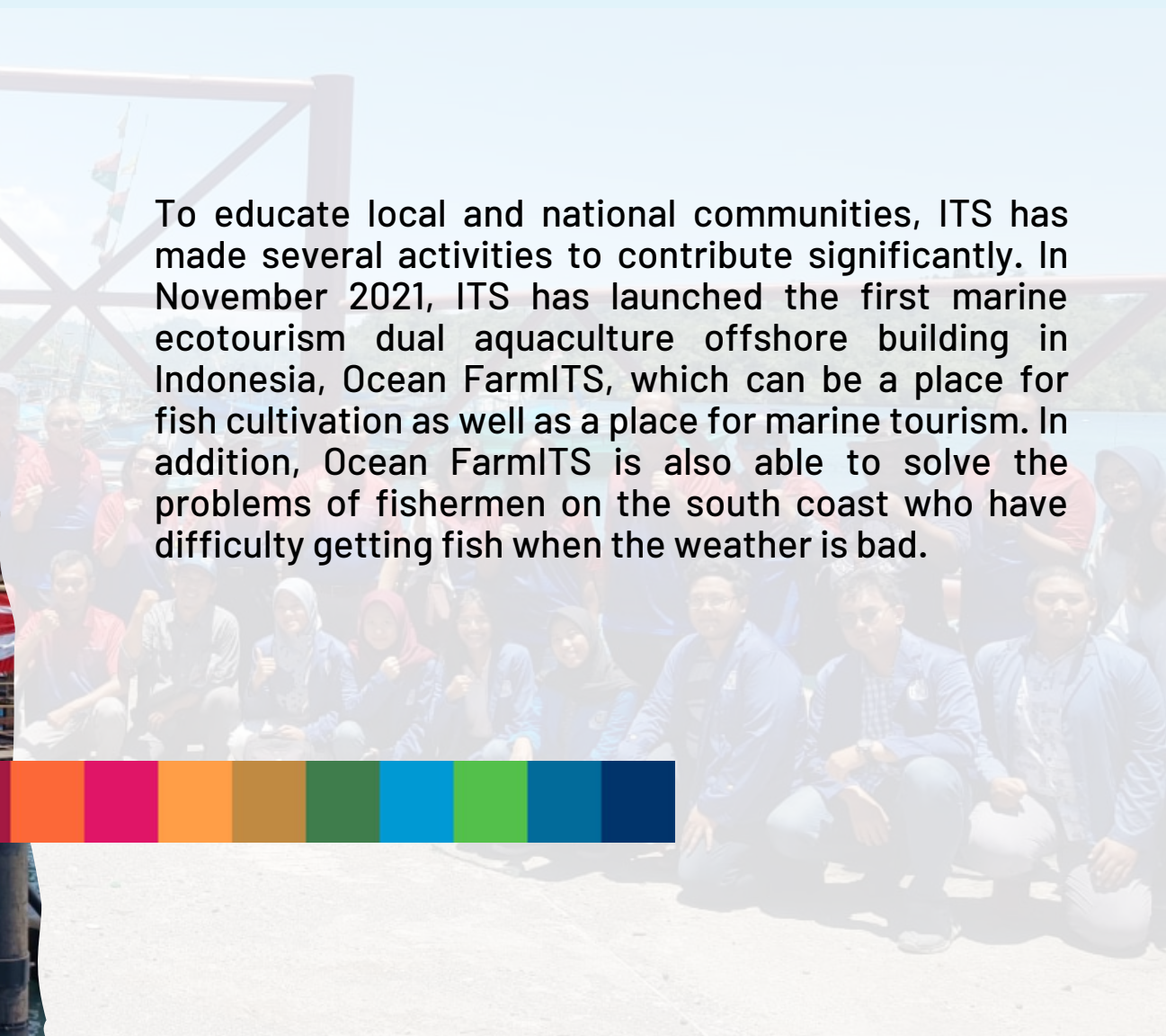
SUPPORTING AQUATIC ECOSYSTEMS THROUGH EDUCATION ITS Smart Eco Campus

In helping to educate the general public about the importance of freshwater ecosystems and to raise awareness about overfishing, illegal, unreported and unregulated fishing, and destructive fishing practices, ITS puts this into the ITS Smart Eco Campus work program called ALTER. which focuses on several things, such as management of water; waste; transportation provision of efficient, sustainable, and efficient energy, and the provision of green open spaces, research, and education. The realization of environmentally friendly transportation and infrastructure of ITS can be seen from the provision of free campus bicycles for the ITS academic community and the invention of the I-Car (autonomous car) and the Gesits electric motorbike.

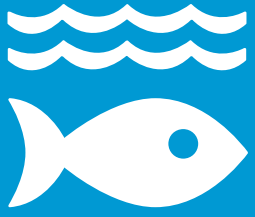


SUPPORTING AQUATIC ECOSYSTEMS THROUGH ACTION ITS Launches Ocean FarmITS

To educate local and national communities, ITS has made several activities to contribute significantly. In November 2021, ITS has launched the first marine ecotourism dual aquaculture offshore building in Indonesia, Ocean FarmITS, which can be a place for fish cultivation as well as a place for marine tourism. In addition, Ocean FarmITS is also able to solve the problems of fishermen on the south coast who have difficulty getting fish when the weather is bad.

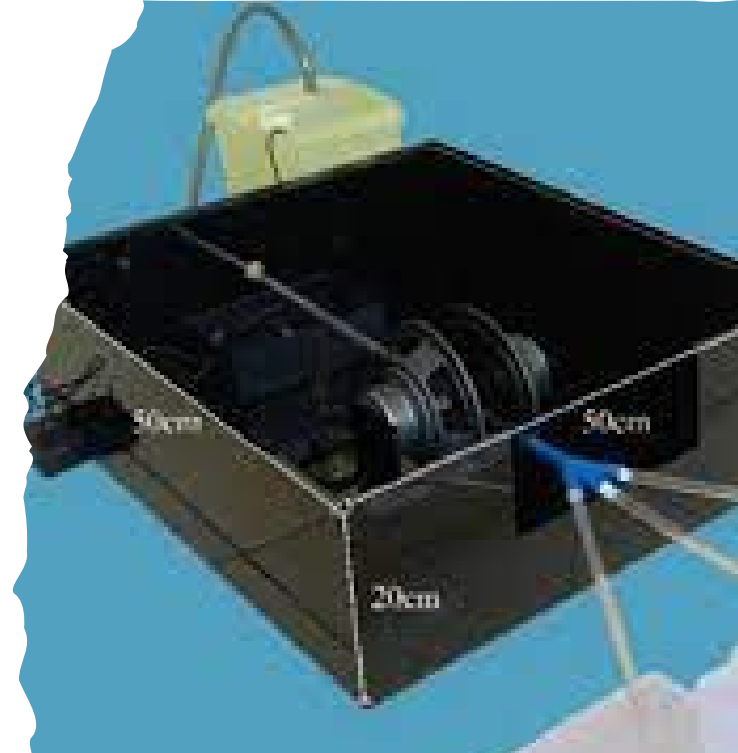


14 LIFE BELOW WATER



WATER SENSITIVE WASTE DISPOSAL ITS Innovation for Microplastic-Free Seas

ITS recognizes the importance of reducing plastic waste to maintain environment, including aquatic ecosystems. In the water sector, ITS has rules to prevent and reduce pollution waters in various types of activities on land. This rule is supported through various activities of teachers and students. ITS actively contributes in create innovations to protect aquatic ecosystems by making a filter that is able to filter all types and forms of microplastics contained in seawater and fresh water.



MAINTAINING A LOCAL ECOSYSTEM

ITS Encourages and Maintains Good Water Stewardship Practices



ITS develops and supports programs that encourage and maintain good water stewardship practices. This activity is carried out through the community outreach and research collaboration. In October 2021, ITS was visited by the Danish Embassy to discuss the Green Maritime collaboration, which includes ship design, hybrid/electric ships, and alternative fuels. In addition, this collaboration with Denmark is also an effort to strengthen the competitiveness of Indonesian products in the maritime sector, so that they can enter the international market.

