MORE THAN A FAD

SEARCULAR's Solution 3

dFADs

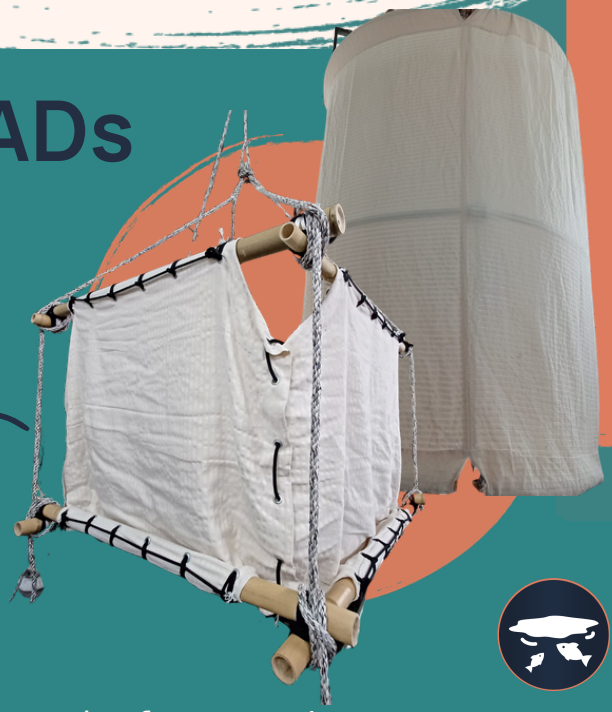
Drifting Fish Aggregating Devices - known as dFADs - are floating structures used extensively in purse seine tuna fisheries to attract fish.

THE PROBLEM

Typical **dFADs** are made from durable **plastic** materials which contribute to marine plastic pollution when they are lost or abandoned at sea. With an estimated 120,000 FADs deployed worldwide each year, the cumulative impacts can cause **significant harm** to sensitive species and habitats.

THE SOLUTION: BIOFADs

BIOFADs are biodegradable alternatives to traditional plastic dFADs. SEARCULAR's design has been made from natural materials such as bamboo, pine and Paulownia wood and cotton.



Working closely with fishermen, SEARCULAR has designed and built 3 models of BIOFAD, which address environmental issues, while remaining operationally viable.

Our results from testing at sea show that BIOFADs can achieve performance levels comparable to those of traditional dFADs.

- SEARCULAR's BIOFADs are made of fully biodegradable materials.
- These BIOFADs are helping the industry reach new regulatory targets for biodegradable gear.
- SEARCULAR's FADs are peforming well at sea, showing good structural and technical feasibility.

SEARCULAR
Circular Solutions for Fishing Gears

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