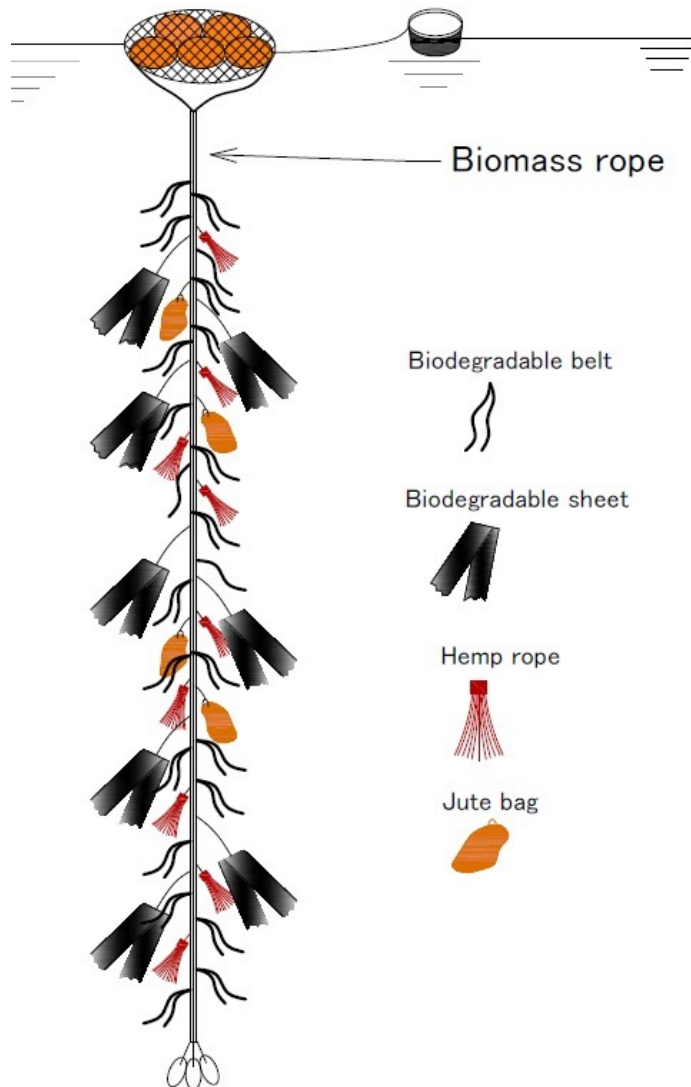


Bio-based biodegradable materials for FAD



Biomass Rope (FY type)

- Biomass mark acquired
- More than 70% biomass feedstock mixed



Material properties: Polylactic acid (PLA)
+ addition agent (colored powder etc.)
Product Line-up: Dia. 4~40mm
Specific gravity: 1.25



Biodegradable Sheet

Manufacturing FADs using bio-based biodegradable materials (primarily PLA) offers the following advantages:

- ① Possesses approximately 70% of the mechanical properties of synthetic nylon while achieving superior durability compared to natural fibers
- ② Enables rapid seaweed growth, effectively attracting fish schools
- ③ Capable of long-term marine degradation even if released into the ocean (ISO certification under consideration through Japan's NEDO project)
- ④ Minimal impact on marine organisms even when microplasticized in the ocean