Symposium on Catch Identification Technologies Bergen 02-03 September 2022 G

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FISH AI

- Artificial Intelligence opens up for automated classification and measurement of individual species as they enter the vessel
- Machine learning will improve classification over time

Innomar Transducer

- Subsea connectivity transducer enabling wireless communication through water
- Measuring catch in the pots by camera or echo sounders
- Communicating with the data platform via smart buoys
- One-off purchase for fishermen
- Fishermen can plan routes based on catch levels
- Increasing fishing time
- Reducing fuel consumption
- Transducer can provide valuable insights for regulators and NGOs





© Innomar Ocean Technology Reducing lost fishing gear and ghost fishing



Source: SINTEF 2022, PWC Market Study 2022

note: 1) Based on SINTEF's estimated savings from Innomar's offering compared to traditional fishing gear and forecasted units sold of' Innomar's smart buoys (66k) and fishing traps (50k) in 2026 with a respective lifetime of 3 years for both products. Additional upside from savings of marine mammals and birds, estimated to ~4k individuals in 2026; 2) 20% of fish traps sold by Innomar replaces bottom trawlers; 3) Range depending on size of vessel. Case study based on medium to big size vessel (50-200 feet)

Sunfish Smart Buoy

- The Sunfish smart buoy communicates with 4G in coastal areas and satellite in remote locations
- Sunfish 4G launched recently and satellite in 1Q23
- Robust construction; life expectancy of ~5 years
- Fisher can save time, reduce loss of gear, save fuel and reduce environmental impact
- Through the DigiCatch App you will have
 - Full control of gear in the ocean
 - Movement
 - Geofence
 - Alarms (Push notifications)

* Subscription applies







DigiCatch – Web, Android and IOS © Innomar Ocean Technology

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Monitoring of passive fishing gear in the ocean!

- Authorities and fisheries
- Save time and cost with autonomous control of passive fishing gear
- Deployment date
- Owner and type of gear
- Overdue from harvesting
- Lost or abandoned fishing gear
- Restricted and closed areas
- Analyses and patterns





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THANK YOU.

- FOR LEGISLATING SMART BUOYS AND SAVING THE OCEAN!!!