#### **FOOD & BUSINESS APPLIED RESEARCH FUND**

## **Technology Innovations Towards Sustainability in Indonesia's Tuna Supply Chains**





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### **Consortium Members**

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#### **Project description**

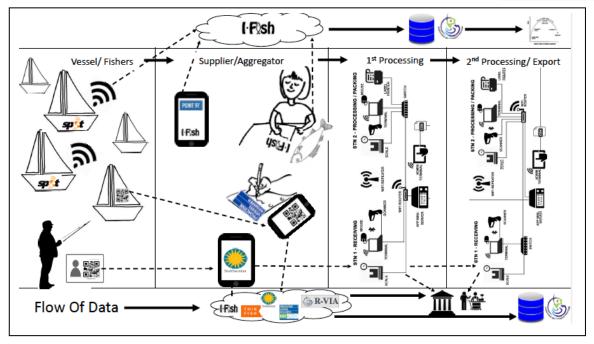
This project will implement traceability-based technologies (TBTs) that facilitate bidirectional information exchange between Indonesian fishermen, processors and traders. We want to understand if and how TBTs can link fishermen with fisheries information and global markets, and help processors and traders to meet informational requirements originating from importing regions.

#### Impact activities and preliminary results

- 1. Meetings held to determine technology needs and expectations for fishermen, middlemen and processors (paper forthcoming).
- 2. Four TBTs implemented: OurFish, Dock, Spot Tracers and Tally-O.
- 3. Masters internship: Paper based versus technology for traceability
- Over 20 meetings with government this past year to communicate different aspects of the project (including enumeration and traceability).
- 5. Booth set up at International Coastal Tuna Business Forum in Bali, showcased technology.
- 6. Project video: https://www.youtube.com/watch?v=KKpEwfA0O1w

# Opportunities and challenges

- \* Challenges: Sourcing hardware for the Indonesian context has been difficult; time lag research to implementation a challenge.
- \* Opportunity: Link with US IUU Task Force and USAID Oceans.
- \* Opportunity: Expand system throughout Indonesia by hiring Indonesian-based programmer.



#### **Figure**

Various TBTs, including GPS
Spot Tracers (on boats), Dock (enumeration),
OurFish (middlemen), and Tally-O (processors), are being implanted in an integrated platform in Buru and Ambon, in Maluku Islands, Indonesia.









