

#### A Roadmap for Implementing Electronic Monitoring in Regional Fishery Management Organizations

SENSORS

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### What are the necessary elements of a well-designed and effective RFMO EM program?



- Literature review
- Stakeholder interviews
- 14 case studies



# OUTREACH

Step

Step

Step

Step

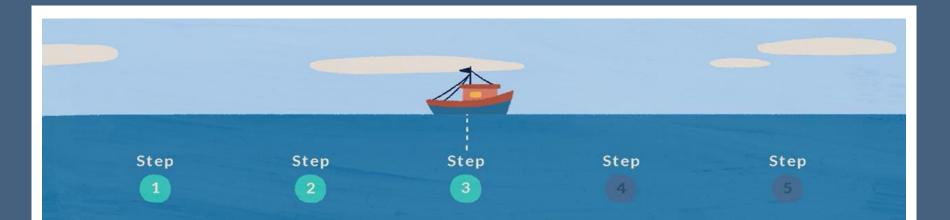
Step

 Communication to all stakeholders
 Building a shared list of problems & involved in the fishery
 ideas Step Step Step Step Step 1 2 3 4 5

### OBJECTIVE

- Objectives inform every aspect of the program
- Based on management goals & monitoring objectives

• Determine the required level of coverage & analysis, and therefore costs



## STRUCTURE

- EM programs at RFMOs can fall into three categories
- RFMO-wide vs. Sub-regional vs. decentralized National Programs

 Affects contracting, cost sharing, standards, legislation



#### DATA STANDARDS

- Rules on how to how to collect, transmit,  $\bullet$ and store data
- Ensure uniformity across member nations 
  Plan for adaptation and evolution  $\bullet$ and fleets
- Use performance standards when practical

REVIEW

Step

• What percentage of data is reviewed, how, and by who

Step

Step

 Who has access to data and how to protect privacy

Step

Step



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