

# Electronic Monitoring for Fisheries

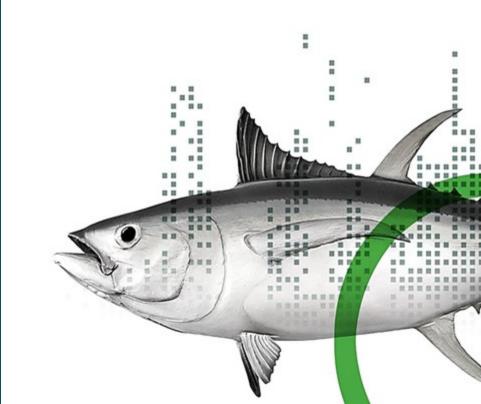
Webinar for European Industry Stakeholders

Mark Zimring | May 12, 2020

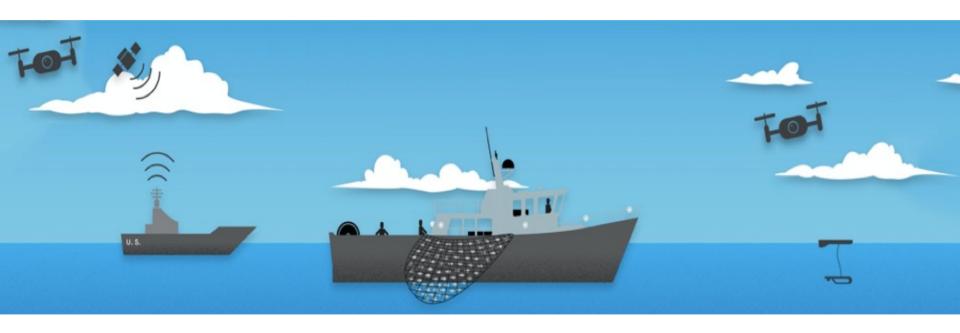
Director, Industrial Fisheries Program



## What's the Problem?



#### Technologies driving a new era of fisheries transparency

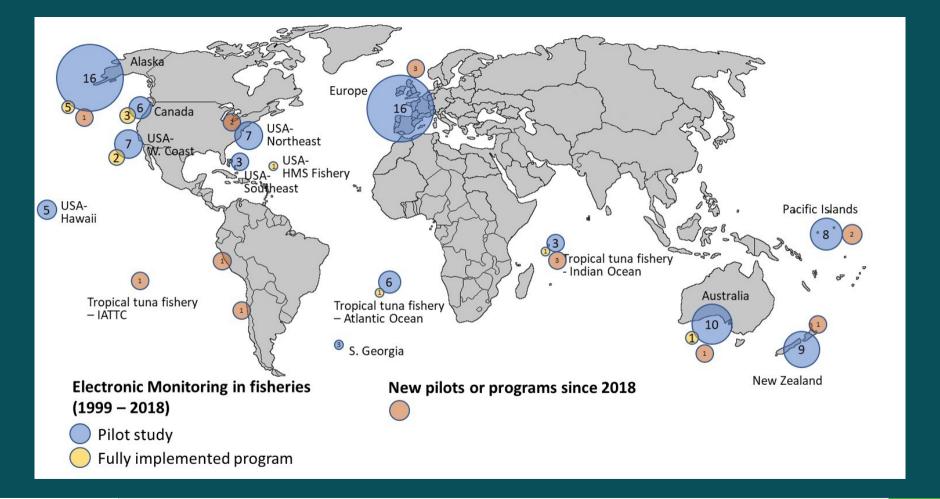




## Electronic Monitoring

The use of onboard video cameras, GPS, and sensors to automatically track catch and other key activities on fishing vessels.







#### WHAT'S DRIVING INDUSTRY EM ADOPTION?

- 1. Alternative to Human Observers
- 2. Vertically-Integrated Companies
- 3. Supply Chain Risk-Management
- 4. Desire to Have Fishery Managers Take What They're Seeing On-The-Water Into Account
- 5. Desire to Demonstrate They're Good Actors
- 6. Opportunity to Secure Early-Adoption Incentives (i.e., discounted EM systems, extra quota)
- 7. Opportunity to Influence EM Regulations/Program Design

#### Implications for the European Context

- European Marine Stewardship Council (MSC) Certifications @ Risk Due to Low At-Sea Monitoring
- Several Countries Appear Poised for Unilateral EM Action
- Europe May Be Caught in "Accountability Trap"—Will Early EM Adopters Secure Policy Incentives?
- Program Design Matters for Financial/Transaction Costs, Privacy Issues and Fisher Ability to Monetize EM Data Over Time



#### TNC's Roadmap to 100% fisheries transparency

ON-THE-WATER

Build EM leadership & test new EM applications TECHNOLOGY

Innovation to mitigate EM pain points.

3 POLICY

Adoption of streamlined local & international policies that catalyze EM uptake.

MARKETS

Create private sector incentives for EM adoption.







## Contact us to learn more about this initiative.

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### Many fisheries are flying blind



