



# Future of our Fisheries: Digital Monitoring

Ministry for Primary Industries

*Growing and Protecting New Zealand*



[www.mpi.govt.nz](http://www.mpi.govt.nz)

# Digital Monitoring

- Electronic reporting
- Geospatial Position Reporting
- Electronic monitoring (cameras)

# Rationale

- Sustainable use of our fisheries
- Collect verifiable and independent information on fishing activity and its environmental impacts
- Increase social license and the support of consumers
- Create opportunities to add value across the sector by improving access to existing markets and enabling access to new market opportunities

# Electronic reporting

- Mandatory electronic reporting of catch effort information
- Event-based catch effort reporting
- Start and stop locations to be reported as latitude/longitude
- No “forms”
- Trawl vessels over 28m from 1 October 2017
- All other vessels by 1 April 2018

# Geospatial Position Reporting

- Mandatory automated Geospatial Position Reporting for all commercial fishing operations
- Position information received by MPI at a specified frequency
- Analogous to VMS but across all commercial operations

# Electronic monitoring (cameras)

- Mandatory automated camera monitoring of fishing activities
  - Phased roll-out according to risk
  - Sustainability, protected species, compliance
- Verification of catch composition is the key objective

# Implementation of cameras

MPI reviews information:

- Samples imagery
- Compares data recorded from imagery with fisher catch and effort reporting
- Identifies mismatches
- Takes appropriate action

# Timeline

- 1 October 2017 – >28m trawl vessels
- 1 April 2018 – all other commercial fishing
- 1 October 2018 – cameras start on some vessels
- 1 April 2020 – cameras on all vessels