

# MareFrame



**National Institute of Water and  
Atmospheric Research (NIWA)**



## Organisation

**New Zealand Crown Research Institute (CRI)**  
**Crown owned company established to undertake scientific research**

**Lead provider of environmental research in NZ**

**~ 600 staff (15 sites)**

**Funding (\$121 M ~ € 73 M)**  
**51% Ministry of Business, Innovation & Employment (public good)**  
**17% Ministry for Primary Industries (fisheries)**  
**33% other contestable (local govt, private sector)**



## **Relevant expertise of staff**

**(All things water and atmosphere)**

**Fisheries –assessment, surveys, biology/ecology, ecosystem modelling**

**Oceanography – modelling, tides / currents/ primary prodn**

**Aquaculture**

**Biodiversity/Biosecurity – marine ecology, habitats, invasive species**

**Freshwater – coastal land based effects**

**Climate - climate change**

**Air quality**

**Natural hazards**



## Contribution to MareFrame

**Chatham Rise case study**

**High biodiversity**

**~ 200-800m**

**Hoki, Orange roughy, .....  
overall 60% of NZ catch**

**Fisheries / Conservation / Mining**

**Atlantis model**

**MICE models**

**Single species stock assessments**

