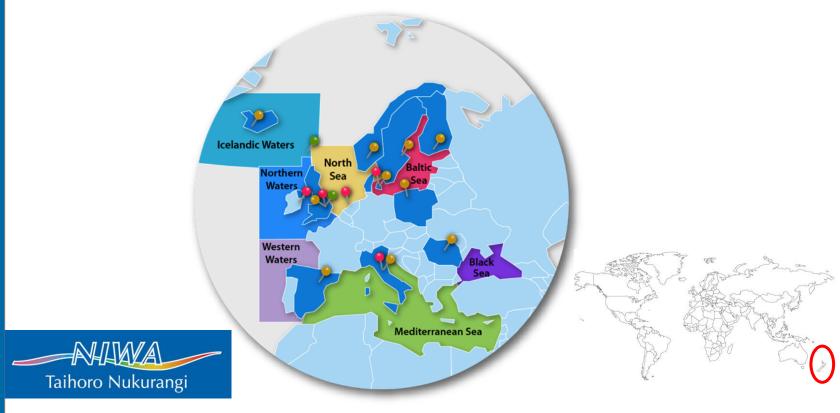
MareFrame



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)





http://www.niwa.co.nz/



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

