



Office of the Prime Minister's

Chief Science Advisor

Kaitohutohu Mātanga Pūtaiao Matua ki te Pirimia

FISH EXPERT PANEL – MINUTES FROM MEETING 3 Wednesday 29 June 2020

Meeting opened: 10.00am

Present: Juliet Gerrard (co-Chair), Craig Ellison (co-Chair), Chris Cornelisen, Livia Esterhazy (remotely), Rosemary Hurst, Andrew Jeffs, Anaru Luke, Raewyn Peart, Mike Plank, Dion Tuuta, Maren Wellenreuther, Celia Cunningham, George Slim, Rachel Chiaroni-Clarke

Guests: Dan Bolger, Rich Ford, Shelton Harley (Ministry for Primary Industries / Fisheries New Zealand) (attendance at presentation only)

Welcome, update, and actions from previous meeting. All actions complete or underway.

Who should we invite to the final panel meeting? Interest in inviting someone to speak on end-to-end ecosystem model 'Atlantis' (e.g. Beth Fulton, CSIRO), or a WWF Oceans Lead from overseas (e.g. Canada or Iceland).

What do we want to get out of the guest speaker from MPI? Discussion to prepare for guest presentation and questions – Interest in best practice internationally, future vision, EBM approaches, updates on initiatives and use of this data.

Draft Report Sections. More emphasis wanted on ecosystem, impact of fisheries, and the transition of the industry. Tone should be positive but well substantiated. Discussion of other places that are doing well internationally, e.g. Alaska, Tasmania, Iceland.

Creating a diagram of our marine data ecosystem and where our strengths and weaknesses are. Discussion around diagram to support vision and what this might look like. Should convey:

More connectivity with land and context; Sectors working together with a shared vision; Humans important part, e.g. diving, fishing; Abundant ecosystem; Protected areas & concept of dynamic management; Pristine environment from fishing; Precision harvesting & elimination of bycatch; Know everything about how species interact with each other.

MPI guest speaker – Dan Bolger, DDG Fisheries NZ. Dan provided an overview of Fisheries NZ activities, the fisheries research peer review process, and databases. Explanation of live electronic catch and position reporting and how this has been used so far, including understanding impact of COVID on industry. Work being undertaken on using data in a more predictive fashion, and how this could be shared with fishers in the future. Trials on hook pods and discussion of how to get uptake without regulatory directive. Commercial sensitivity issues, and journey towards good data capture and management, and more routinised release of data.

Oceans strategy. Discussion around previous and current work on an Oceans Strategy. An Oceans Strategy aims to fix issues with fragmented regulation but previously has not had support.

Mātauranga Māori – approach, guiding principles. Acknowledgement of important economic turning point of fisheries management as a platform for iwi to re-establish economic development for Māori. Government stewardship is not the same as kaitiakitanga. Mātauranga Māori is held by few key people and not always readily shared. Mātauranga Māori is not to be integrated with Science but needs to sit alongside. There can be conservatism in this space that makes agility a challenge – approaches at the quota owner level more effective. EBM and Kaitiakitanga are very similar in views. Vision Mātauranga has been leading the way. How would the vision be different?

Vision discussion. Some key words and phrases are captured from the discussion.

Thinking differently	From sustainable fisheries to sustainable ecosystems	Maximisation of products and extracting profit	Trust
Thoughtful ways of taking	Healthy ecosystems	Harvest to the highest value (not just monetarily)	We're all friends
Take what we need	Recreating habitats	Zero waste	Land-to-Sea
Harvesting with no damage	Protecting habitats	Real-time spatial information	Connectivity between non-Māori sectors
Everything else unharmed	Healthy habitat and ecosystem	Made-to-order	Primary sectors
What we can take or what we need to protect?	Context in which healthy fishing occurs	Traceability	Climate change
Knowing we're taking the right amount	Not destabilising food webs	Off-season utilisation	Carbon footprints
Balanced taking	Not undermining the marine environment and stocks	New markets	Population growth
Precise and well-informed	Understand, replenish	Aquaculture impacts	Infrastructure
Supporting legal frameworks	Case-studies - Maori sector investment, Alaska	Onshore developments and recirculation technologies	Investment
NZ leading the world	Creating value for fishers	Productive	

Further meetings. Further meeting at end of July in Wellington. Further meetings possible but only if needed.

Agreed actions for next meeting.

Action item	Responsibility	Status
Consider whether there is a case study that can be shared that demonstrates the power of indigenous knowledge. Maybe Kaikoura, Maori harvesting technology	CE, AL, DT	
Provide case study or further info on modelling, e.g. Atlantis	MP	
Specific comments on parts of report	Everyone	
Follow up with MPI/FNZ for further information	CeC	
Organise guest speakers for July meeting	CeC	

Meeting closed: 3:00pm