



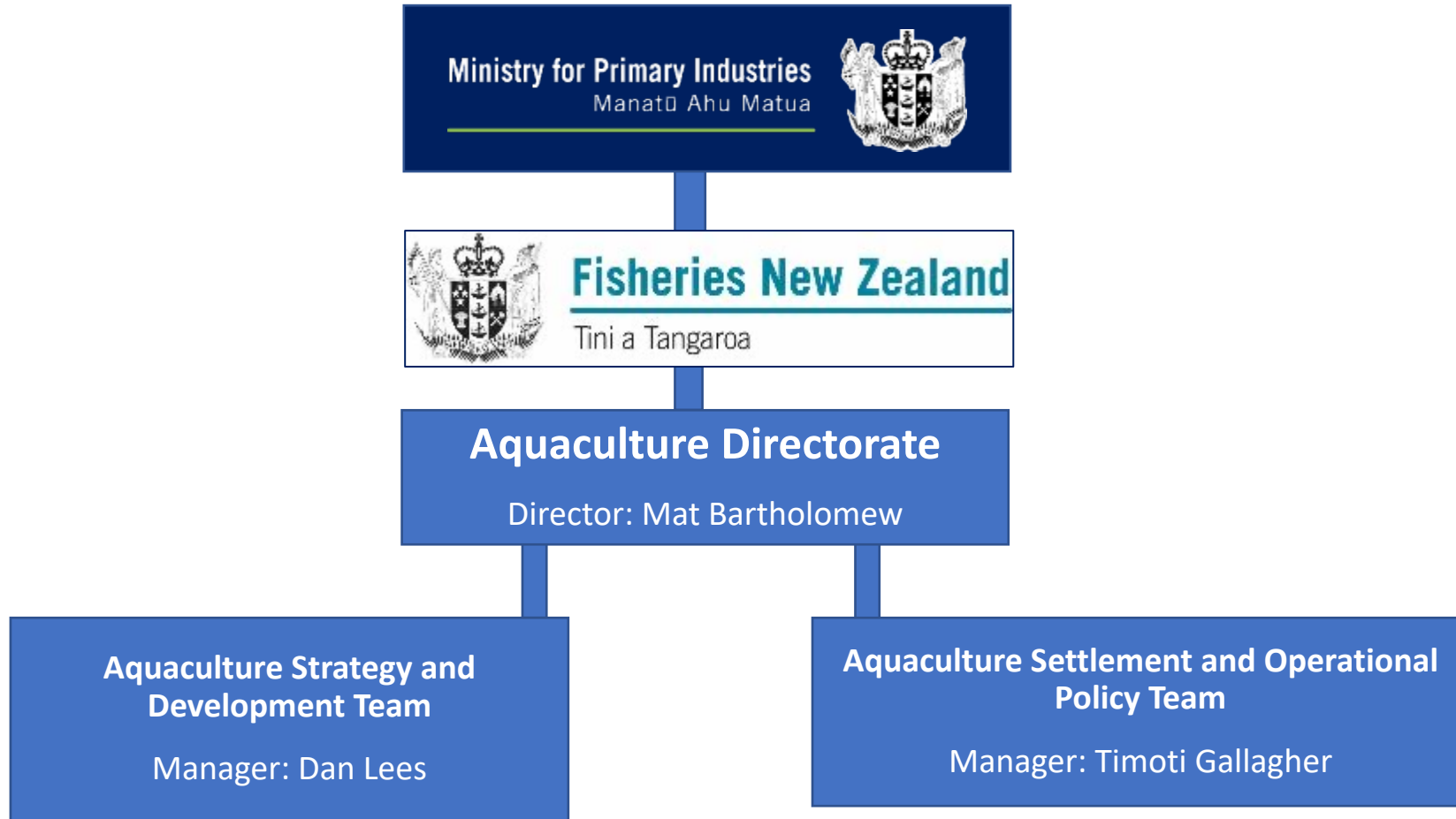
Aquaculture Hui

MPI slides

12 September 2022

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Who are we?



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Tini a Tangaroa

Key messages

We are here to:

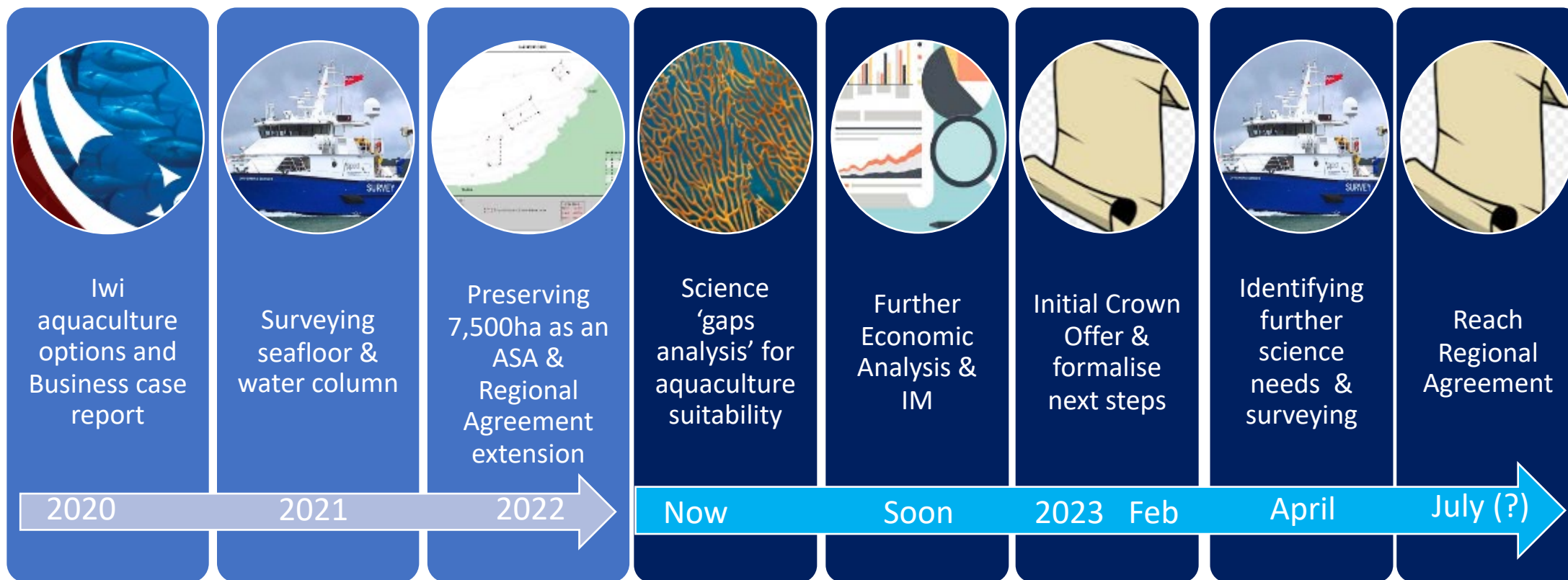
- update you on progress
- listen and understand what you need from us to further your decision-making for settlement
- discuss likely next steps with you for the year ahead
- bring other key government agencies to the 'aquaculture settlement' table



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Snap shot of work to date & future steps



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Our role

1. Supporting science and marine space investigations

2. Initial crown offer & negotiations

3. Opportunities assessments and business cases

4. Interactions with fisheries

5. Regional agreement processes

6. Build wider government support

1. Supporting science and marine space investigations

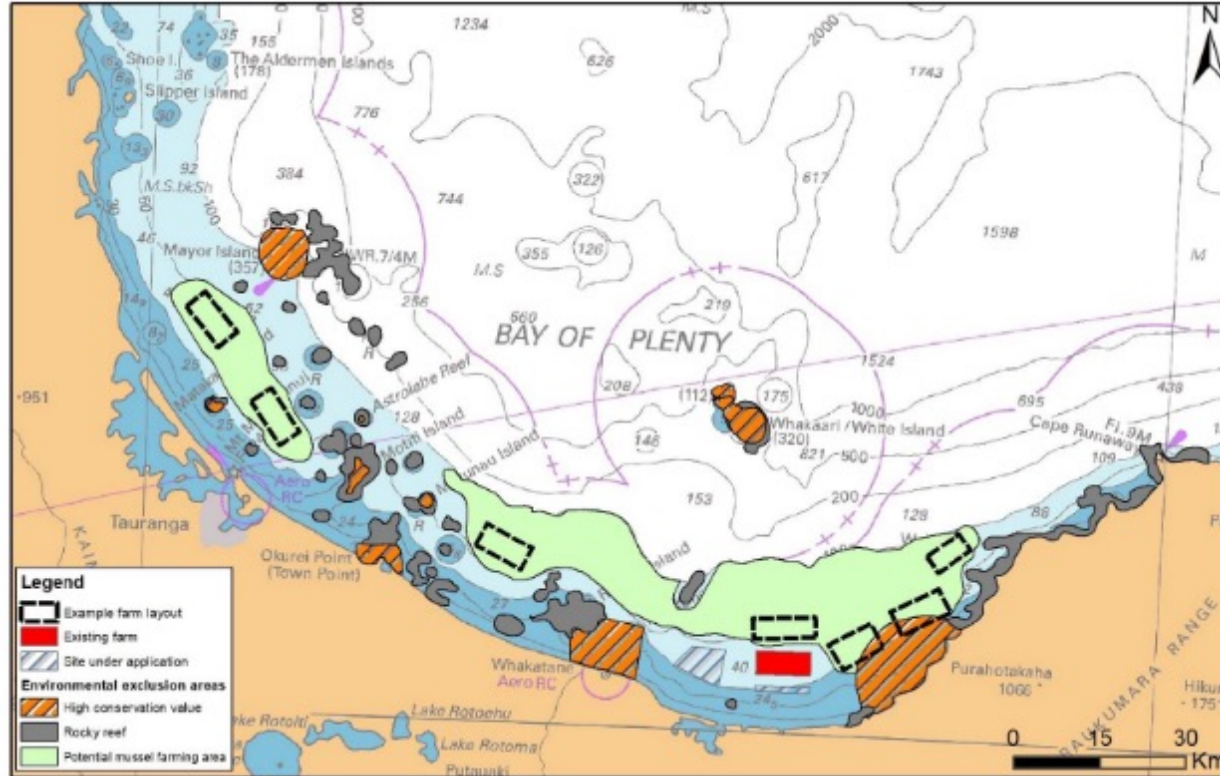
Quick recap of work undertaken to find the best marine farm locations

- Significant research into marine farming in BOP has occurred to date, originally commissioned by BOPRC
- Longdill et al (2006)- report commissioned by BOPRC:
 - primary production modelling, and assessment of large scale impacts of Aquaculture Management Areas on the productivity within the Bay of Plenty
- Knight et al (2017)- report commissioned by BOPRC (Cawthron 3056):
 - high-level desk-top assessment of issues relating to the water column and connectivity between potential aquaculture development sites



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Map 1. Contour map of the Bay of Plenty including areas identified as potentially suitable for mussel farming. Cawthron Report No. 3260. (2019)

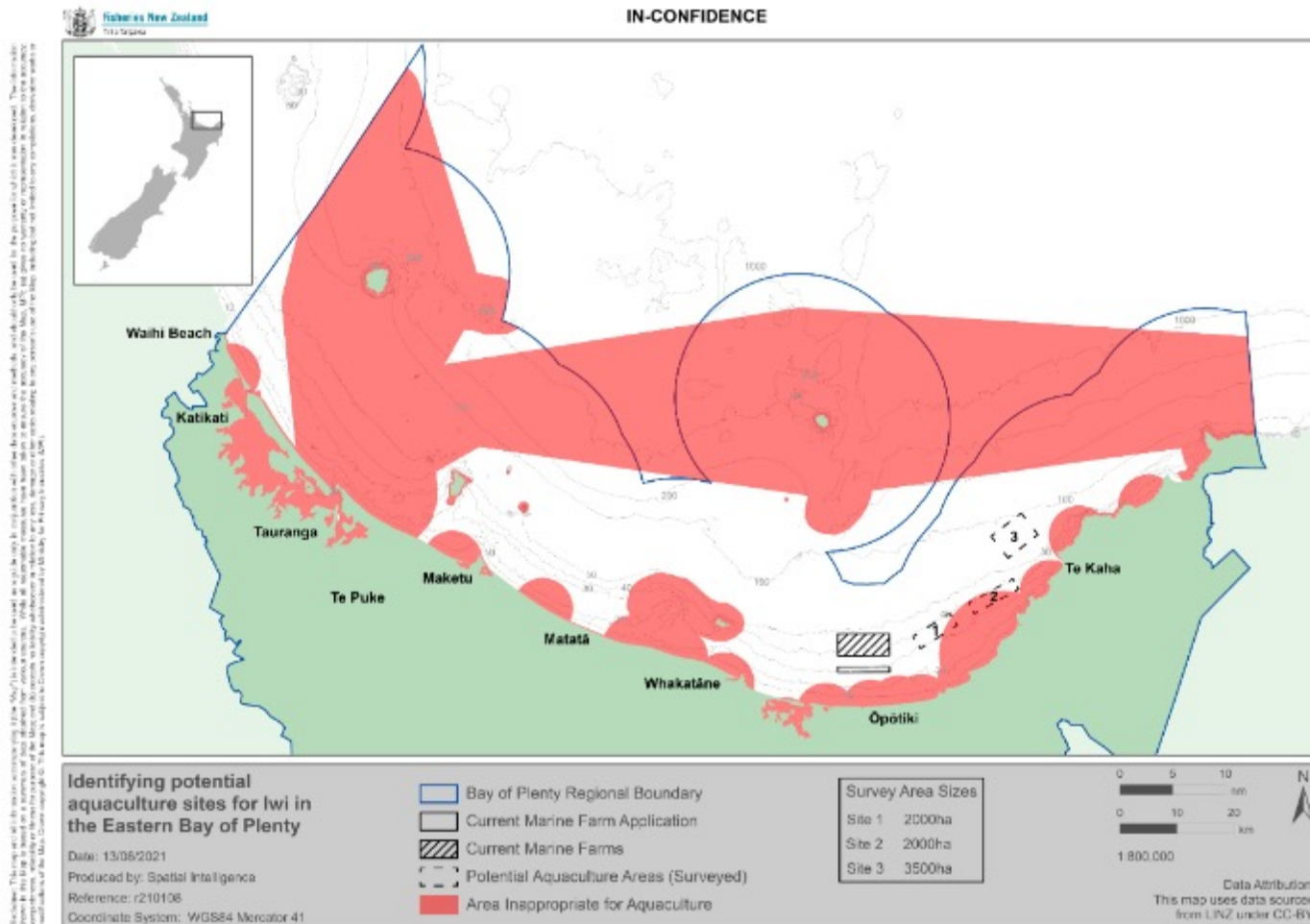
- McGrath and Bennet (2019)- Fisheries NZ commissioned high-level desktop assessment of the suitability of the BoP for further aquaculture development, with a focus on identifying potential sites for mussel farming (and assist with forecasts under Maori Commercial Aquaculture Claims Settlement Act and New Space Plan)
- Identified some possible locations



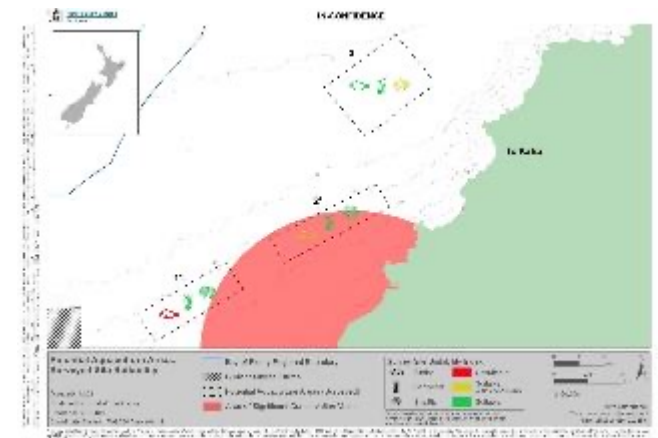
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Cawthron- Benthic and Water Column surveys



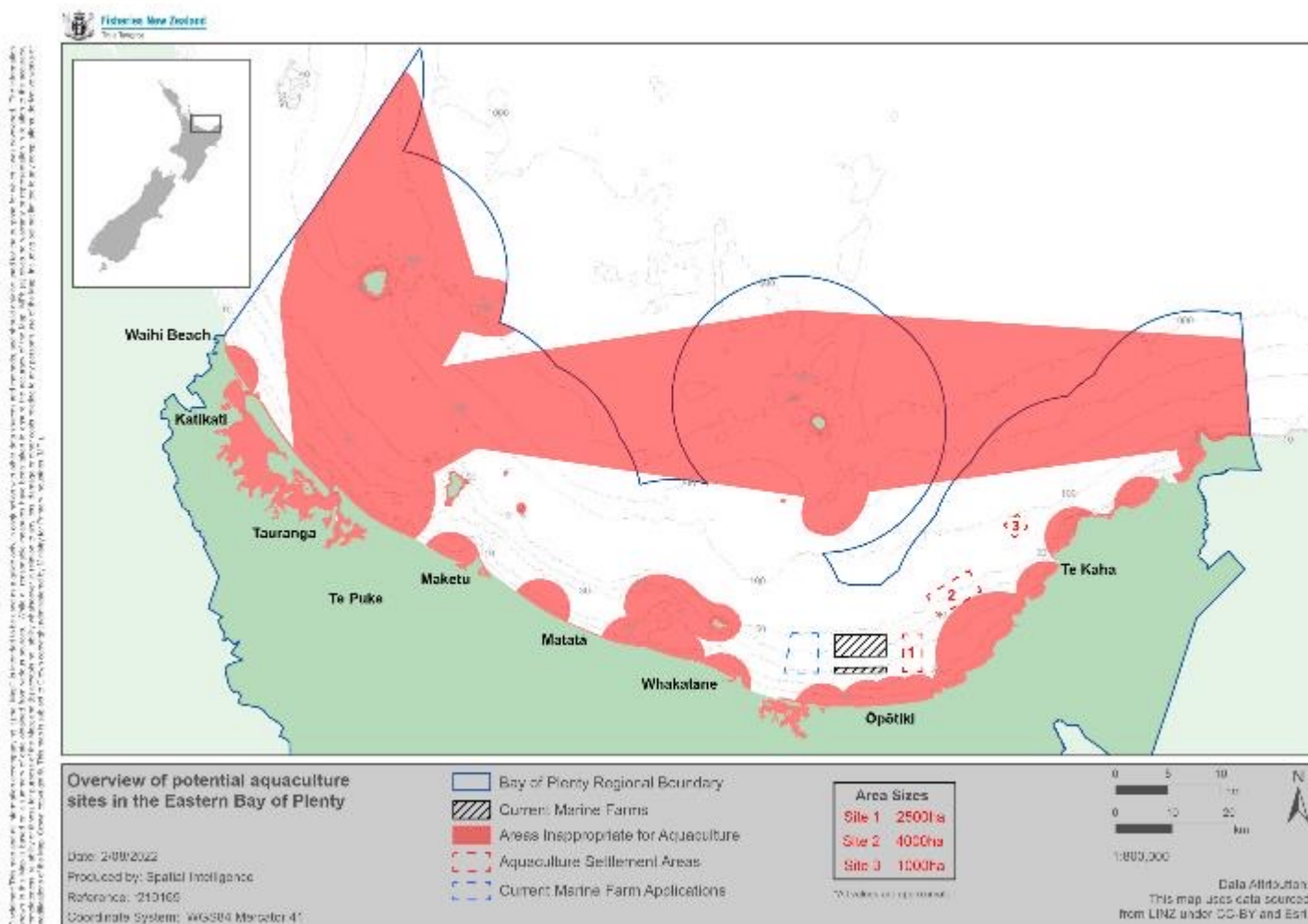
- In 2021- Fisheries NZ commissioned further work on these three sites as potential sites for settlement
- Cawthron 3599- Seabed Characteristics
- Cawthron 3604- Water Column Characteristics



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Shifting & re-sizing the sites



- Size and location of the sites where then changed to align with planning restrictions, findings of Cawthron reports, business cases, and operational needs.

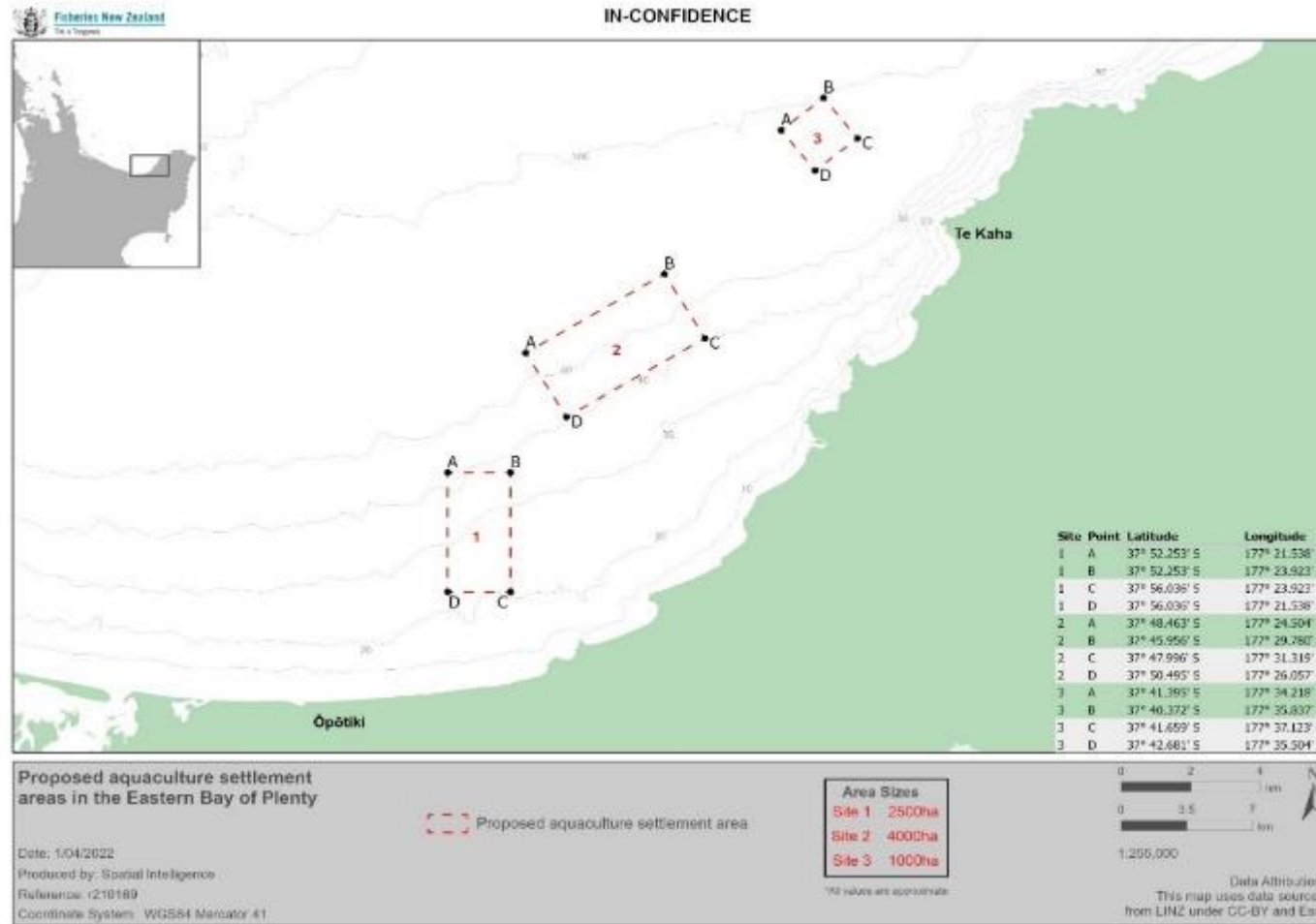


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Preserving the option- gazettal

- July- with IAO & Te Ohu agreement, Minister gazetted 7,500ha across 3 sites
- Aquaculture Settlement Areas preserve space for purposes of settlement - pending negotiations to reach regional agreement
- Protects from outside FIFS interests
- Flexible tool- our knowledge of site suitability is evolving, and the ASAs can/will likely be refined and shifted to reflect this



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What else might we need to know about the space?

- In May 2022 Fisheries NZ commissioned Cawthron to undertake a 'site suitability framework and gaps analysis'
- Accessed relationships established under the Waiariki Science and Technology Forum (MOU signatories)
- Cawthron undertook a stocktake of existing data and knowledge for aquaculture suitability in eastern BoP to better inform site suitability
- Malcolm Smeaton from Cawthron will now present 'gaps analysis' findings (refer to report emailed earlier)



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Carrying Capacity modelling

Carrying capacity modelling has been identified as a valuable next step in terms of the science work required to support settlement decisions, and sustainable development of aquaculture in Te Moana a Toi.

What is 'carrying capacity' modelling?

Carrying capacity – how much can you farm without exceeding acceptable impacts to the animal/species, and te taiao.

Why is it useful?

- help fine tune the best locations for the farms;
- help assess the environmental impact of different farming scenarios (e.g., species farmed, number, size, location and arrangement of farms) to determine what level of farming the environment can support.
- help us forecast total amount of aquaculture possible in Bay (and for settlement)
- help us avoid overlap and impacts on sensitive habitats
- help give confidence to decision-makers re managing the cumulative impacts, and assist in future spatial planning

When might we do this work?

Currently developing a proposal to put to NIWA to quote time, cost and availability- likely start Feb 2023

Internal funding not secured yet- but would like to test this idea to the group

How would you like to be involved in this work? – monthly/ regular hui?



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2. Initial crown offer & negotiations

- Work underway in developing **initial** Crown Offer (ICO) for new space aquaculture settlement obligations for Bay of Plenty
- This is a formal process, requiring Cabinet and Treasury approval, and independent audits before presentation to iwi

OCTOBER 22

- The modelling assumptions and forecast for ICO get independently reviewed (results due end October)
- Commissioning carrying capacity modelling (TBD)– (by December)

DECEMBER 22

- ICO goes to Cabinet, as part of New Space Plan review & draft package (by December)

FEBRUARY 23

- Cabinet approved ICO ready for delivery (incl explaining how valuations reached) and negotiations with IAOs- (due February)
- New Space Plan review & draft approved by cabinet and due for release for consultation- (due February + 3 month national consultation period begins)
- BOP IAOs, Crown and Te Ohu continue work to formalise the aquaculture asset package composition i.e. space: space + cash: cash, and agree on next steps

MAY 23

- Carrying capacity work completed- revised BOP crown offer submitted back to cabinet (est May)

JULY 23

- New Space Plan consultation period ends & NSP Final returned to cabinet for approval (est May 2023)
- July 2023- current regional agreement deadline



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3. Opportunities Assessments and Business cases

- Arising from recognition of a settlement obligation and iwi interest in developing aquaculture, in 2020 - MPI funded (through Sustainable Farming, Futures, and Fibres Fund) Te Moana a Toi Business cases.
- If desire to proceed with a collaborative proposal, that material will need to be refined to the real option that Te Moana a Toi IAOs want, so that accurate information can be provided to iwi decision-makers
- Chris Insley - talk to the current SFFF proposal for the next stage of business cases that will help understand the opportunities further



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4. Interactions with fisheries

- We will need to address the cumulative effects of aquaculture development on fishing interests/rights - likely better result if done early
- Conducted to assess the effects of proposed marine farms on fishing (commercial, recreational, customary non-commercial)
- MPI administers test under the Fisheries Act and Resource Management Act
- Test officially triggered when council grants resource consent for a marine farm, cannot farm until positive decision
- Outcome of test is called an “aquaculture decision”
- UAE threshold ‘rule of thumb’= must not exceed 5%
- Options to reach agreements to fairly compensate losses
- Our team will request running some further preliminary modelling to assess cumulative commercial effects across all likely marine space



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5. Regional Agreement process

- MPI is the lead negotiator on behalf of the Crown, however, we need to engage with other delegated agencies at significant points in the negotiations:
 - Department of Conservation
 - Te Puni Kokiri
 - Ministry for the Environment
 - Treasury
 - Ministry of Justice
- Our (ASOP) team will continue to work closely with IAOs and Te Ohu. Once Crown Offer is made, we will need more detailed discussions around the assets you want, and explain how the valuations have been reached.
- Current deadline set for July 2023
- Our internal Crown processes take around 4-5 months to finalise a Regional Agreement- will need to factor this in to meet our regional agreement deadline and whether an extension is required



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6. Build wider government support

- Significant aquaculture region – iwi-led, regional development opportunity in Te Moana a Toi
- MPI have been working with other key agencies:
 - Te Puni Kōkiri (TPK)
 - New Zealand Trade and Enterprise (NZTE)
 - Ministry of Business, Innovation and Employment (MBIE)
 - Department of Conservation (DOC)
 - Ministry of Social Development (MSD)
 - And across MPI
- to ensure we are connected around this opportunity, and attain sustainable, political support
- Next step- writing a briefing, following this hui, to Regional Economic Development Ministers about the likely future growth of aquaculture in Te Moana a Toi, and what might be needed from 'Government' to realise the potential



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Ngā mihi

