

Ecosystem-Based Fishery Management in the Hauraki Gulf

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Background

- The Hauraki Gulf/Tikapa Moana o Hauraki is treasured, but its popularity creates pressure, from fishing to marine farming and land use in the catchment.
- In 2000 the Gulf was made a marine park, but its not clear if the state of the Gulf has since improved.



Revitalising the Gulf – how this project fits in

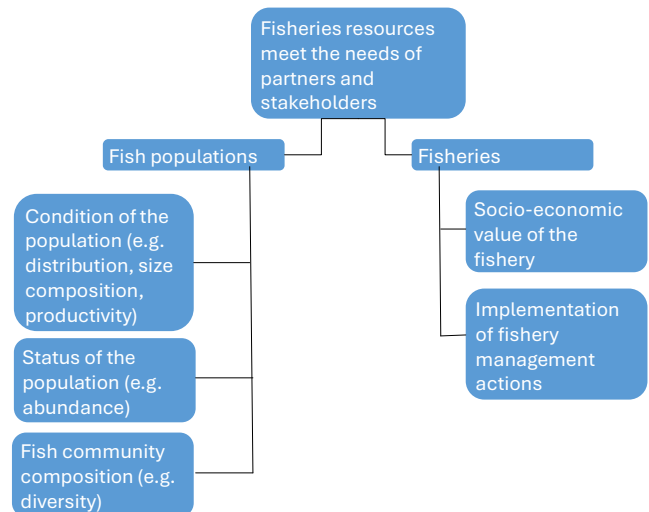
- In 2017 a group of tangata whenua and stakeholders released the Sea Change - Tāi Timu Tai Pari plan. This plan proposed to restore the health and mauri of the Hauraki Gulf.
- In 2021 a strategy describing Government action on Sea Change was released - Revitalising the Gulf.
- This poster describes one project within the Revitalising the Gulf strategy which aims to establish a suite of fisheries ecosystem indicators for the Hauraki Gulf.

Ecosystem indicators

- Ecosystem indicators are an important part of EBFM.
- They measure the impact of management, whether that be good or bad.
- They broaden our view of the system by reflecting multiple value systems.
- They are a communication tool.

What we are doing

- Since early 2022 we have been engaging with a group of about 30 tangata whenua and stakeholders. From the outset a Te Ao Māori worldview was incorporated into the project development principles.
- We are currently working on an indicator framework, which starts with the three desired outcomes of the Hauraki Gulf Fisheries Plan:
 1. Healthy and functioning aquatic ecosystems
 2. Fisheries resources meet needs of partners and stakeholders
 3. Inclusive and integrated participation in fisheries governance
- A draft structure for the second desired outcome can be seen below. The indicators themselves will fall off the lowest levels of this structure. A similar structure is also being developed for the other desired outcomes.



What's next?

- Once the structure of all three desired outcomes is finalised we will engage with stakeholders and iwi partners to generate candidate indicators.
- These candidate indicators will be scored against screening criteria to select a smaller set of indicators to best communicate the broad socio-economic and ecological values of the Hauraki Gulf fisheries system.
- We are working with a group of Hauraki Gulf tangata whenua to develop a separate, but aligned, indicator framework for Te Ao Māori values.