











#### Te Whanga Hauora o Tutukaka Te Walter O Tie N



#### Ki Uta Ki Tai Vision 2030

estoring the mauri of Tutukaka Harbour to a vibrant and healthy state where kelp forests flourish, marine life abounds and our communities thrive.

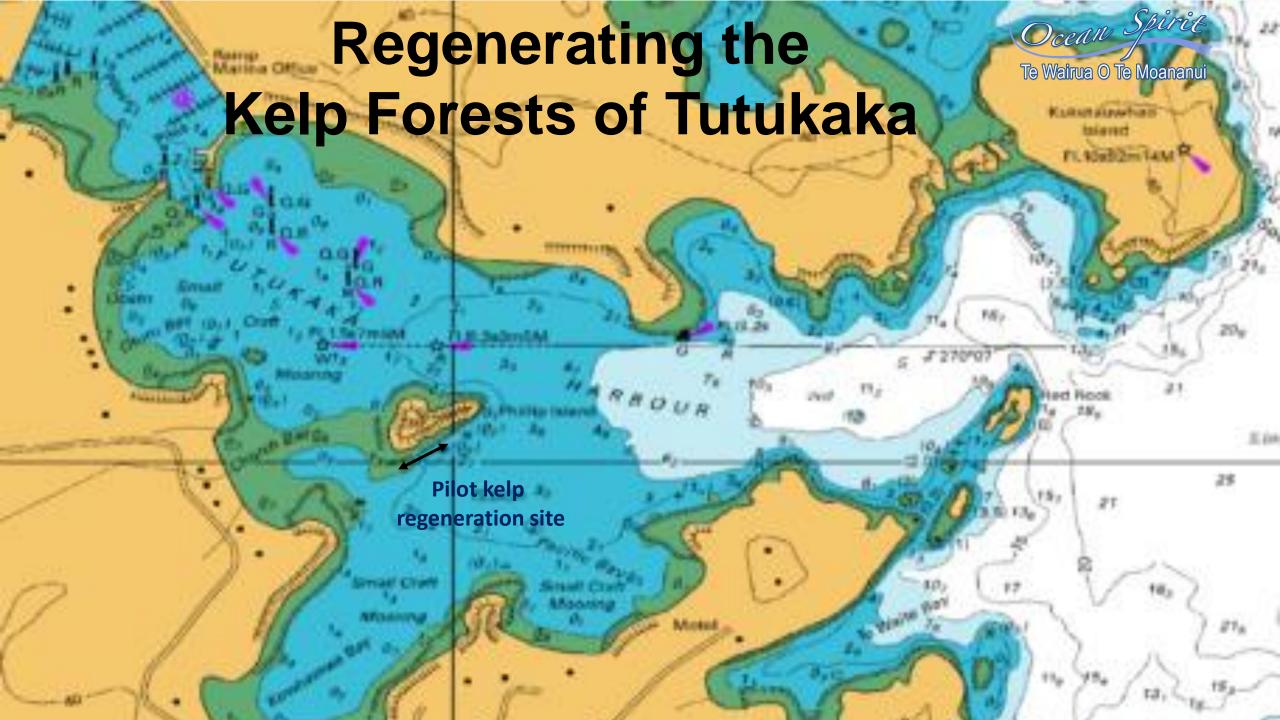
A Community-based, collaborative regeneration and research project

## Regenerating the Kelp Forests of Tutukaka

Ocean Spirit
Te Wairua O Te Moananui

Goals of the regeneration project include:

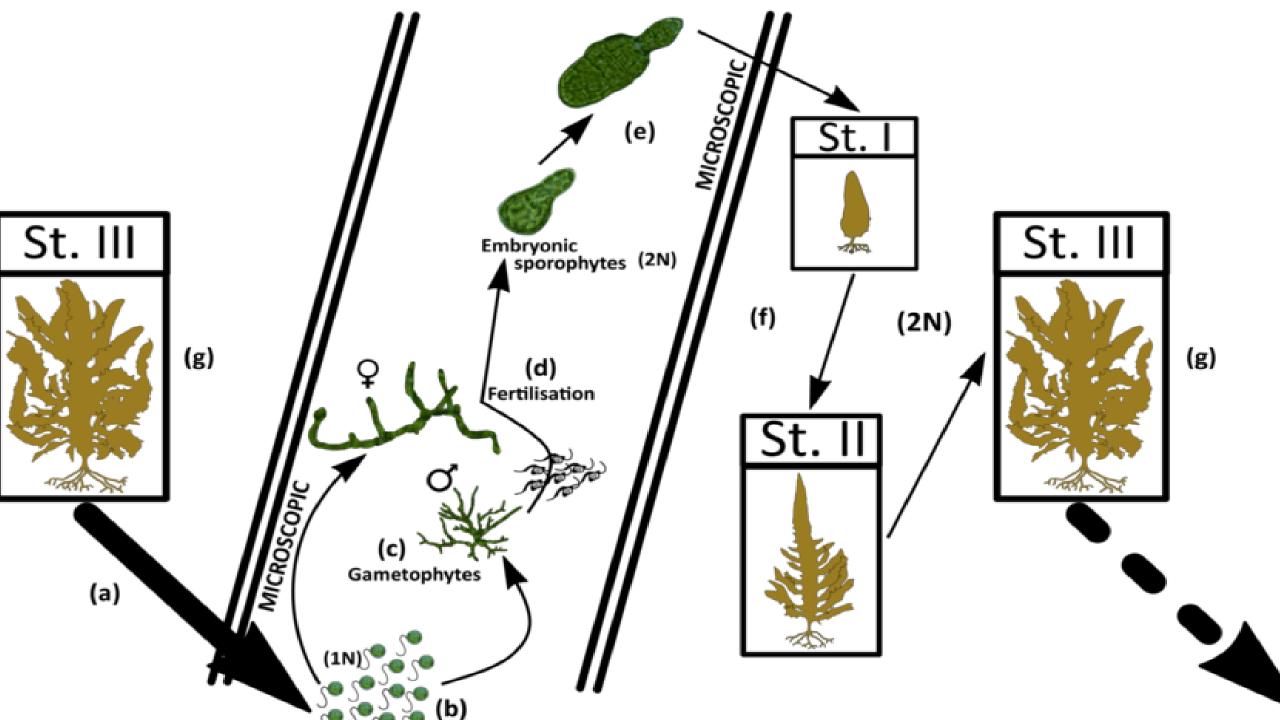
- Contribute to the restoration of the mauri of Te Whanga o Tutukaka.
- Train community members in the collection of ecklonia reproductive tissue and propagation methods.
- Support the kaitiakitanga of mana whenua/mana moana.
- Develop appropriate tikanga to carry out this research and kelp regeneration mahi.
- Develop a Moana education center and laboratory in Church Bay
- Develop a regenerative kelp restoration process that can be shared with other communities around the motu.
- Foster cross-cultural cooperation and understanding in relation to the moana.

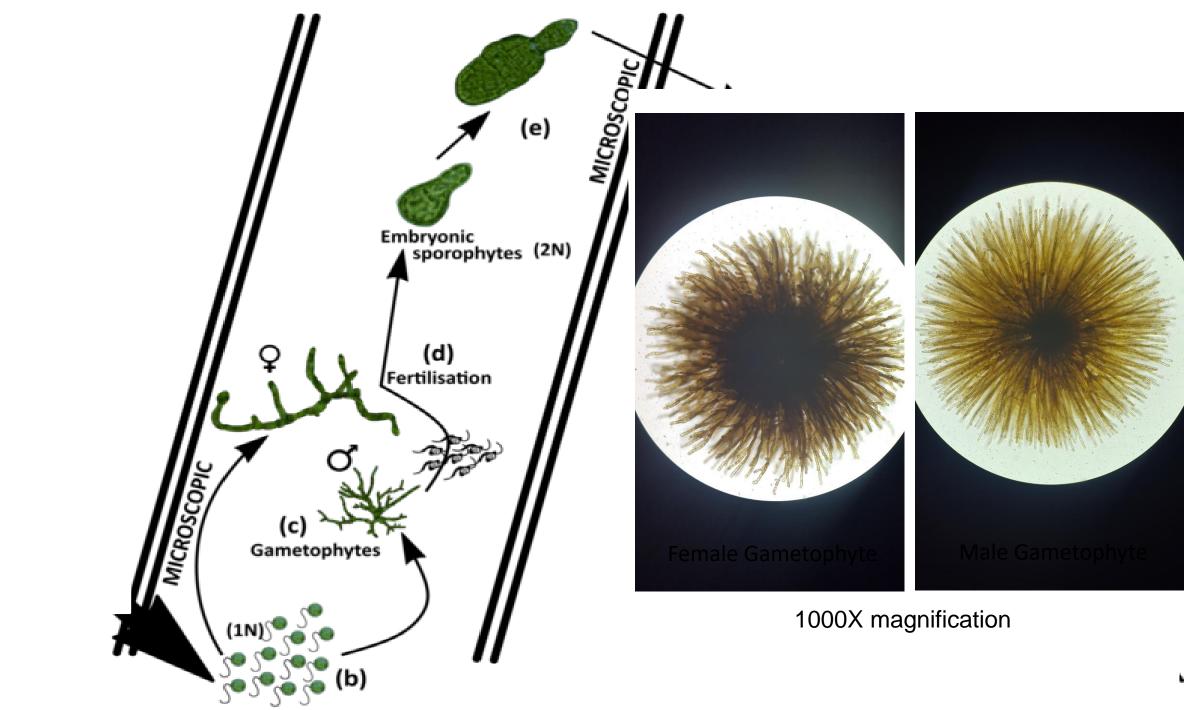


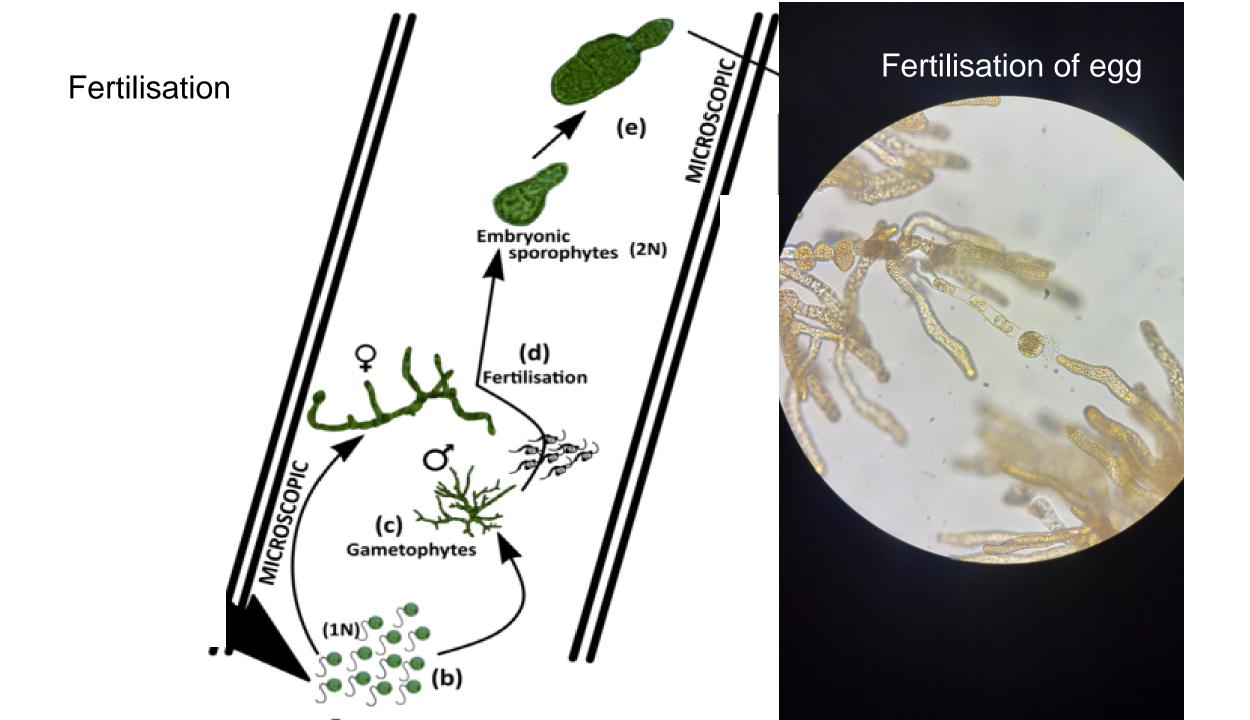






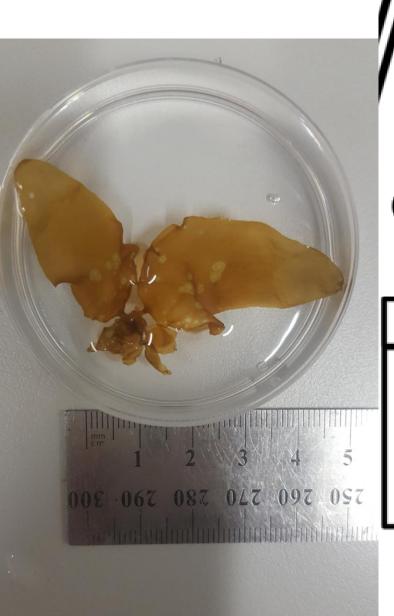


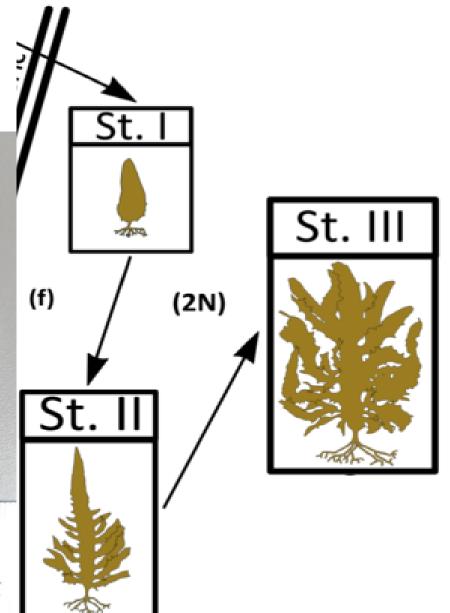




#### Sporophyte







(g)



#### **Ecklonia Cultivation**



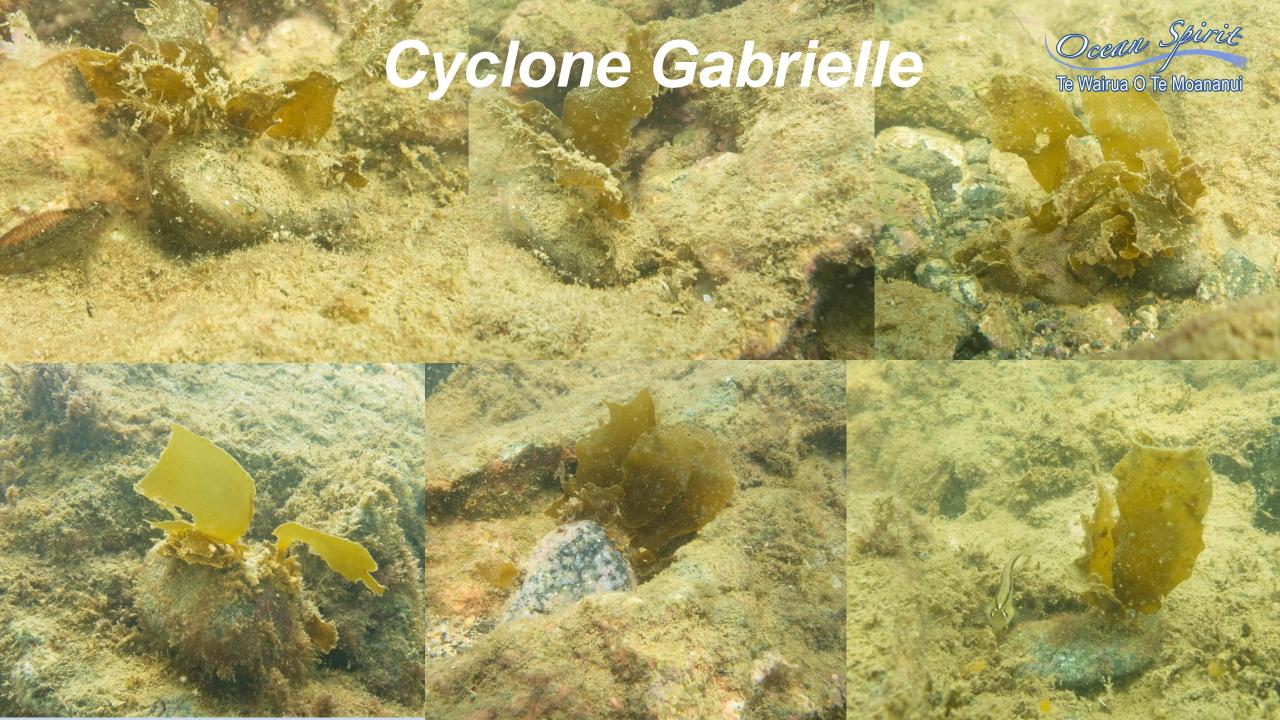






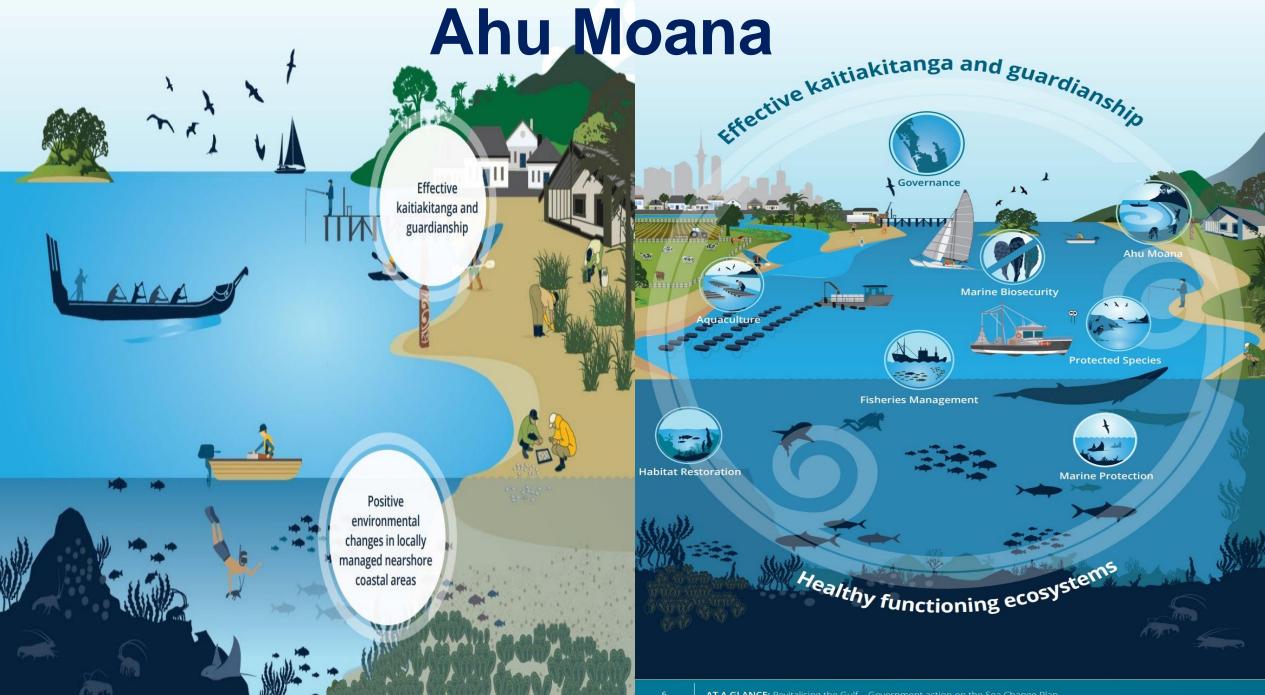












### What is Ahu Moana?

Mana whenua and community co-management areas — A mechanism designed to allow mana whenua and local communities to work together to manage their coastal areas.

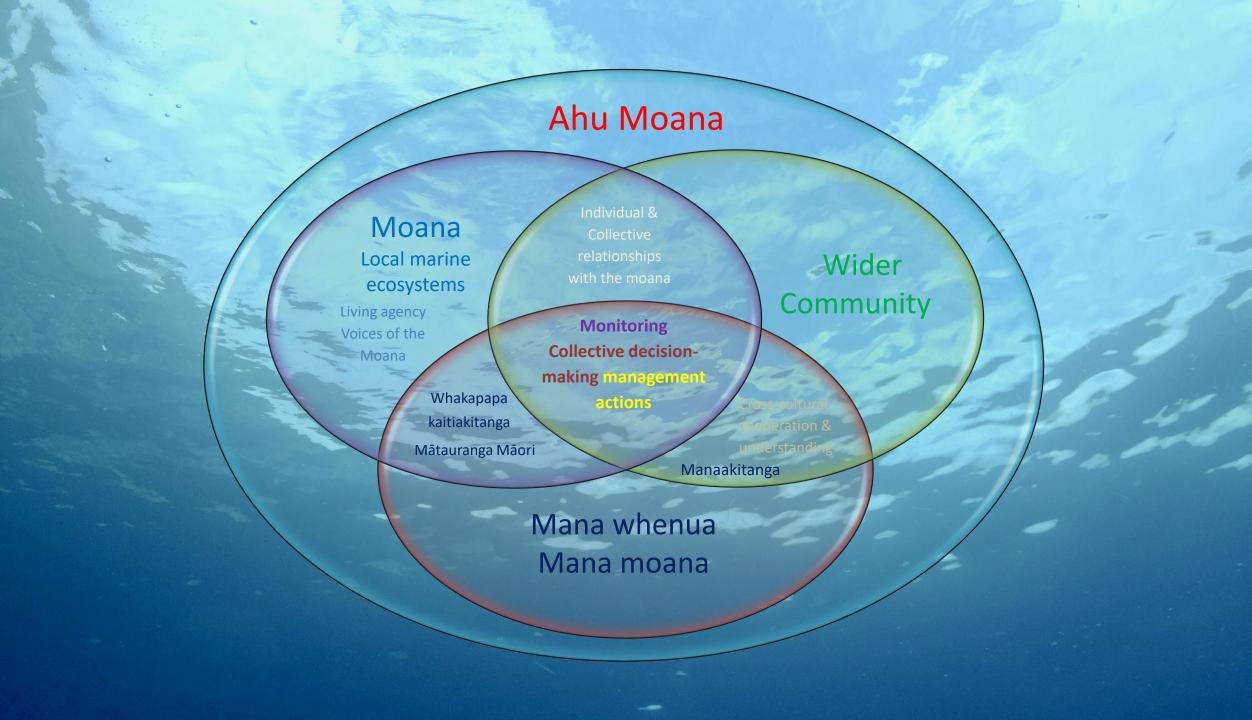
The word ahu means to nurture or build up, and to move with purpose in a certain direction.

'Ahu Moana' therefore represents our intention of restoring our coastal fisheries and environments, and the shared determination of mana whenua and local communities to improve them for our children and grandchildren.

## What's the purpose of this initial Ahu Moana pilot project?

**Proof of Concept** 

- Develop a working template for Ahu Moana by:
- Developing practical tools for informing collective management decisions (community-based monitoring).
- Evolving the Ahu Moana relationship between mana whenua and local communities.



# A community-based "action research" approach to monitoring and management

Place-based ecological literacy:
Informed decision making, grounded in deep relationship
with place, that values all ways of knowing.

