

NGĀ PAE MOANA - OUR DESIGN PRINCIPLES



Tātai Hono

Mana

Tautuutu

Te Tau Ihu

Te Haumī

Te Taurapa

Taurite

Ngahue

Toipoto

TANGAROA ARARAU: OUR GUIDING FRAMEWORK

Ngā Pae Moana – our design principles

Exploration of the past and desired futures has provided the synthesis of a series of systemic design principles. These principles are guidelines and considerations, guiding our collective actions and influencing mental models to enable change. Mental models can foster or inhibit change by facilitating or limiting the way we see the world - using design principles to identify and target dominant mental models responsible for, and reinforced by, prevailing systems inertia, represents a powerful change lever.

We have termed these design principles our Pae Moana: the horizons that describe fundamental elements representing the essence of the relationship with Tangaroa. These Pae Moana signify essential components of this research programme; points on our horizon to which we may affix our gaze, bringing the collective body of knowledge and experience of the research team to bear in their pursuit, and in doing so, attain them by seeing them entrenched in future marine governance models.

Our Pae Moana, systemic design principles, are:

- **Tātai hono**

The importance and active awareness of the interconnectedness of humankind and the marine environment, instilling a tangible sense of obligation through the concept of shared whakapapa between people, the ocean and sea life.

- **Tauutuutu**

The duty of care and reciprocity: Reciprocity underpins all interactions with the ocean, and between people within an ocean context. Tauutuutu demands we acknowledge the sense of obligation imbued in any position or transference of authority.

- **Ngahue**

Acknowledgement of the ocean's pivotal role in driving our wellbeing and economic prosperity. The scope of ocean-derived prosperity is multifaceted; including community wellbeing and sustenance, economic success, and environmental balance.

- **Mana**

The enablement of self-determination and authority through the devolution of decision-making power. This includes specifically the rangatiratanga of Iwi and Hapū as guaranteed under Te Tiriti.

- **Taurite**

Recognition of the value and importance of traditional knowledge systems (mātauranga Māori) and practices and protocols (tikanga Māori), and equality of consideration in decision-making.

- **Toipoto**

Systems are informed by and defer to people at place, acknowledging and empowering localised solutions driven by intimate place-based knowledge.

Whanonga Matua - Our core ethos

Each pae captures an innate part of our tikanga-led relationship with the ocean, and the fundamental elements. The interpretation of these elements has led to the formulation of our Tangaroa-led research principles that will guide the project through the next stages of research.

In keeping with the oceanic theme that inspired Ngā Pae Moana, the vessel required to navigate this research journey represents the core ethos of the research team. Traditionally waka are constructed of three components: Te Tauihu, front section, Te Taurapa, or rear section, both joined together by the middle Te Haumī section.

The tauihu, taurapa and the haumī, in the case of this framework, represents core tenets that underpin the research team as it delivers this programme.

Te Tau Ihu

We envision an Aotearoa where the promises guaranteed under Te Tiriti o Waitangi are fulfilled

Te Haumī

Tangaroa is at the heart of all we do

Te Taurapa

We will look back to look forward – our ancestral past will guide our future

These aspects are vital to the success of this research project. They will underpin the way in which we will approach the project. Our ability to navigate this kaupapa, holding fast to our whanonga, invokes our traditional pūhoro design – the wake created as a waka traverses the ocean.