

Te Aō Tūroa Indicators

The Te Aō Tūroa indicators endeavour to connect the environmental work Iwi and Māori organisations to the living relationship between Iwi Māori and our ancestral landscapes. They are based on the following assumptions:

- That environmental protection, whether directly through restoration projects or indirectly through various advocacy strategies, is an important outcome in its on right; and
- That the ultimate purpose or kaupapa driving environmental protection work is to strengthen, rebuild, and enhance the way Iwi Māori interact with their rohe/takiwā in a real and tangible sense to perpetuate identity.

The tiers of indicators therefore endeavour to reflect:



The indicators are set out into two sub-categories:

- **Mahinga Kai** - which endeavour to encompass the typical spread of Iwi and Māori organisations work concerning the marine environment and other mahingakai sites
- **Whenua** - which endeavour to encompass the typical spread of Iwi and Māori organisations work concerning the land and natural resources

Mahinga Kai Indicators

The Mahinga Kai Indicators endeavour to encompass the typical spread of Iwi and Māori organisations work concerning the marine environment, connecting such things as customary fisheries management, advocacy and related work to the ultimate kaupapa values and priorities that Iwi and Māori organisations have with the marine environment:

scale	efficiency	enabling impact	hapū/whānau impact	tribal impact
Number of customary fisheries management areas established (mātaítai, taiaipure or other instrument)	Input cost per management area (% of staff salary + direct project funding + disbursements)	Proportion of fish within biological limits Number of fish stocks for which overfishing has ended	Percentage of hapū members practising mahinga kai	Number of reported intergenerational transfers of mahinga kai knowledge, values and practices
Length of coastline under protective instrument	Input cost per kilometer of coastline under protection		Reported importance of environmental work to hapū identity and cohesiveness	Percentage of reported satisfaction with access to mahinga kai knowledge and values.
Number of tangata tiaki appointed	Input cost per tangata tiaki (% of staff salary + direct project funding + disbursements)		Reported satisfaction with fish and kaimoana available for hui and tangihanga	Reported confidence in mahingakai enduring over time
Number of wāhi tapū sites protected	Input cost per protected site		Amount of mahinga kai species shared with whanau and hapū	Reported confidence in the sustainability of the marine environment
data source	data source	data source	data source	data source
Internal project management system	Internal accounts	Monitoring workstream and/or Ministry of Fisheries reports	Survey– possible questions in the survey tool section	Survey– possible questions in the survey tool section

Whenua Indicators

The Whenua Indicators endeavour to encompass the typical spread of Iwi and Māori organisations work concerning the land and natural resources, connecting such things as environmental restoration, RMA processes, advocacy and related work to the ultimate kaupapa values and priorities that Iwi and Māori organisations have with the whenua and wai Māori:

scale	efficiency	enabling impact	hapū/whānau impact	tribal impact
Hectares planted in indigenous species (directly or indirectly through partnerships with third parties)	Input costs per hectare of regeneration/planting	Proportion of rohe planted in native species	Percentage of hapū members engaged in environmental restoration	Percentage of sites within rohe where conservation management is being implemented according to traditional knowledge/tribal values
Number of species relocated (directly or indirectly)	Input cost per relocation	Number of ecosystems with endangered or of concern status within the rohe/takiwā	Percentage of hapū members engaged in environmental monitoring	Percentage of cultural practitioners that report satisfaction with access to materials
Number of sites and species monitored for cultural and environmental health	Input cost per hectare of site monitored	Number of species endangered or of concern within the rohe/takiwā	Number of eco-ventures initiated by whānau and hapū within rohe/Takiwā	Number of reported intergenerational transfers of mahinga kai knowledge, values and practices
Number of Iwi Management Plans completed	Input cost per management plan	Proportion of water bodies capable of supporting mahinga kai	Reported importance of environmental work to hapū identity and cohesiveness	Percentage of reported satisfaction with access to mahinga kai knowledge and values.
Number of submissions on resource consent applications	Input cost per submission		Number of visits to sites of significance	Reported confidence in an enduring tribal relationship with the rohe/takiwā and continued practice of kaitiakitanga
Number of appearances before hearing panels and courts	Input cost per oral submission			
Number of submissions on Crown policy	Input cost per submission			
Number of wānanga on environmental management	Input cost per wānanga			
Number of wāhi tapū sites protected	Input cost per protected site			
data source	data source	data source	data source	data source
Internal project management system	Internal accounts	Ministry of the Environment State of the Environment report and data from monitoring programmes	Survey - possible questions in survey tools section	Survey - possible questions in survey tools section