

3. Te mahere whakamahinga

The implementation plan in detail

Kotahitanga

Te whai I te ara o te kotahitanga e taea
ai e te katoa te tuku koha mai.

Pursuing unity of purpose and direction where all are able and encouraged to contribute.

The Mauao Implementation Plan is included in the following fold out pages. It is made up of four sections that set out the first, second, and third term projects planned for Mauao, as well as setting out those projects that have been completed.

Te whakaarotau tuatahi - First term priorities (2018/2019 – 2021/2022)

	Primary project	Sub actions	Rough order cost	Funding source	Timing	Lead organisation	Support organisations
Ref.	What will be done?	What are the key steps to achieving the action/project?	What is the cost estimate of completing this project/action?	Where will the funds come from to complete this project/action?	When will the project/action commence?	Who will lead the delivery of the project/action?	Who will support the delivery of the project/action?
F1	Undertake archaeological research	Undertake archaeological research into the occupational and gardening areas, settlement patterns and lifestyle of the ancestors who resided at Mauao to inform the development of an interpretation plan, and restoration and planting plan.	\$15,000	MOU project fund	2018/2019	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand
		Undertake archaeological research to determine whether buried archaeological features are present within the grassed slopes of Mauao to inform the development of an interpretation plan, and restoration and planting plan.	\$15,000	MOU project fund	2018/2019	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand
F2	Establish and implement an interpretation plan	Develop an overall interpretation plan for Mauao that: • Investigates options to establish cultural gateways to Mauao, including the location, design and development of cultural gateways that reflect the cultural and historical significance of Mauao to tangata whenua; • Investigates options to replace the trig station on the summit of Mauao with appropriate pouwhenua; • Investigates options to establish an ātea on the summit of Mauao; • Investigate options to establish a design identity for Mauao; • Investigates options to establish cultural and historical information within the reserve, including the installation of interpretive signage where appropriate; • Investigates options to establish signage that identifies and provides information on specific features/areas of Mauao that are of significance to the three iwi of Tauranga Moana and the iwi Waitaha; • Considers the potential outcomes of future investigations into a waka launching site and cultural centre; • Identifies appropriate locations and the information required on entry signage that communicates permitted and restricted activities on Mauao; • Identifies appropriate locations and the information required on signage that directs visitors to reserve features and promotes the safe use of the reserve; • Identifies appropriate areas on Mauao to erect signage relating to wildlife protection; • Identifies an appropriate location near the rock climbing routes to erect signage that identifies and provides information on the preservation of Psilotum nudum; • Identifies appropriate locations to erect signage near the rock climbing routes to warn the public of rock climbers on the cliffs ahead; • Identifies appropriate locations to erect signage advising the public and hang gliders/paragliders of the take-off and landing site for gliders/paragliders on Mauao; • Considers the archaeological, cultural, ecological values of Mauao; • Reflects the vision and goals of the Mauao Historic Reserve Management Plan; • Aligns with council's interpretation signage policy.	\$100,000	MOU project fund	2018/2019	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage new Zealand LINZ Rock Climbing User Groups Bay of Plenty Paragliding and Hang Gliding Club

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Ref.	What will be done?	What are the key steps to achieving the action/project?	What is the cost estimate of completing this project/action?	Where will the funds come from to complete this project/action?	When will the project/action commence?	Who will lead the delivery of the project/action?	Who will support the delivery of the project/action?
		In partnership with iwi, prepare developed and detailed designs, and obtain consent for all necessary components identified in the Interpretation Plan.	To be confirmed upon completion of overall Interpretation Plan	MOU project fund	2019/2020	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand LINZ Rock Climbing User Groups Bay of Plenty Paragliding and Hang Gliding Club
		Progressively implement Interpretation in accordance with the interpretation plan, developed designs and detailed designs, as resources permit.	To be confirmed upon completion of overall Interpretation Plan	MOU project fund	2019/2020 – 2020/2021	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust
F3	Establish and implement a planting and restoration plan	Develop an overall restoration and planting plan for Mauao that: - Identifies the most appropriate option for maintaining the grassed areas of the reserve and the integrity of the archaeological features present, including but not limited to: - Areas that should be retired from sheep grazing - Areas where sheep grazing is appropriate - Areas where planting can occur to contribute to the restoration of the cloak of Mauao; - Identifies trees and vegetation planted on archaeological features that pose a risk of damage to the archaeological feature; - Identifies options to address trees and vegetation planted on archaeological features that pose a risk of damage to that archaeological feature; - Identifies areas where planting of indigenous vegetation can help protect and/or enhance wāhi tapu sites, by either restricting public access or increasing public awareness of wahi tapu sites on Mauao; - Identifies areas where planting of indigenous vegetation will improve the water quality of those natural springs on Mauao; - Identifies areas where planting of indigenous vegetation will enhance the habitat value of existing vegetation; - Identifies vegetation for removal where this creates a fire hazard; - Identifies the historical area of Karaka to be restored in accordance with the cultural assessment prepared by Boffa Miskell, 2014; - Includes a map of the areas to which the cloak of mauao relates.	\$20,000	MOU operational fund	2018/2019	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand

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Ref.	What will be done?	What are the key steps to achieving the action/project?	What is the cost estimate of completing this project/action?	Where will the funds come from to complete this project/action?	When will the project/action commence?	Who will lead the delivery of the project/action?	Who will support the delivery of the project/action?
		Progressively implement the restoration and planting plan as resources permit.	Per annum amount to be confirmed upon completion of the restoration and planting plan.	MOU operational fund	2019/2020 – 2020/2021	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust
		Initiate and support projects to restore the cloak of mauao that involve Tauranga Moana iwi.	Staff time only	MOU operational fund	2019/2020 – 2020/2021	Ngā Poutiriao ō Mauao	Ngā Poutiriao ō Mauao Tauranga City Council Mauao Trust
F4	Establish and implement hand gliding and paragliding guidelines for Mauao	Work with the Bay of Plenty Hang Gliding and Paragliding Club to investigate options to establish hang gliding and paragliding guidelines, and identify take-off and landing sites on Mauao.	Staff time only	MOU operational fund	2018/2019	Bay of Plenty Hang Gliding and Paragliding Club	Tauranga City Council Mauao Trust
		Implement the hang gliding and paragliding guidelines.	NA	NA	2018/2019	Bay of Plenty Hang Gliding and Paragliding Club	Ngā Poutiriao ō Mauao Tauranga City Council Mauao Trust
F5	Establish and implement rock climbing guidelines for Mauao	Work with the rock climbing user groups to investigate options to establish rock climbing guidelines, including protection of psilotum nudum on Mauao.	Staff time only	MOU operational fund	2018/2019	Rock Climbing User Groups	Ngā Poutiriao ō Mauao Tauranga City Council Mauao Trust
		Implement the rock climbing guidelines.	NA	NA	2018/2019	Rock Climbing User Groups	Ngā Poutiriao ō Mauao Tauranga City Council Mauao Trust

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Ref.	What will be done?	What are the key steps to achieving the action/project?	What is the cost estimate of completing this project/action?	Where will the funds come from to complete this project/action?	When will the project/action commence?	Who will lead the delivery of the project/action?	Who will support the delivery of the project/action?
F6	Establish and implement a restoration Plan of works for the Peace Monument	Establish a restoration plan for the peace monument located at the summit of Mauao.	NA	NA	2018/2019	Rotary Club of Tauranga	Ngā Poutiriao ō Mauao Tauranga City Council Mauao Trust Heritage New Zealand
		Implement the restoration plan for the peace monument located at the summit of Mauao.	NA	NA	2018/2019	Rotary Club of Tauranga	Ngā Poutiriao ō Mauao Tauranga City Council Mauao Trust Heritage New Zealand
F7	Investigate the establishment of a year round fire ban on Mauao	Investigate options to establish a year round total fire ban on Mauao, considering the most appropriate legal mechanism and the fire apparatus to be prohibited.	Staff time only	MOU operational fund	2018/2019	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust NZ Fire Service
F8	Investigate the establishment of a Mauao resting period	Investigate options to rest Mauao through restricting public access to the maunga, whilst not unduly restricting recreational opportunities to the Reserve.	\$15,000	MOU project fund	2019/2020	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust
F9	Establish and implement a Rock Stability Monitoring Programme	Establish a rock stability monitoring programme.	Staff time only	MOU operational fund	2020/2021	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust
		Implement the rock stability monitoring programme.	Per annum amount provided on contract	MOU operational fund	2020/2021	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust
F10	Establish and implement a Fatality Management Procedure	Investigate options to establish a procedure for managing fatalities that occur on Mauao.	Staff time only	MOU operational fund	2020/2021	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust
		Implement a fatality management procedure for managing fatalities that occur on Mauao.	Staff time only	MOU operational fund	2020/2021	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust

Te whakaarotau tuarua - Second term priorities

	Primary project	Sub actions	Rough order cost	Funding source	Timing	Lead organisation	Support organisations
Ref.	What will be done?	What are the key steps to achieving the action/project?	What is the cost estimate of completing this project/action?	Where will the funds come from to complete this project/action?	When will the project/action commence?	Who will lead the delivery of the project/action?	Who will support the delivery of the project/action?
S1	Establish and implement concessionaire standards	Establish concessionaire standards for commercial activities on Mauao that enhance visitor experiences and include a strong cultural component.	Staff time only	MOU operational fund	2021/2022	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust
		Implement the concessionaire standards.	Staff time only	MOU operational fund	2021/2022	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust
S2	Establish and implement a Pest Control Plan	Establish an animal pest control plan for Mauao that considers the different methods of pest control including baiting, trapping, a pest proof fence, and/or other relevant mechanisms of pest control.	\$6,000	MOU project fund	2022/2023	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust
		Implement an animal pest control plan for Mauao.	Per annum amount provided on contract	MOU operational fund	2022/2023	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust
S3	Review walkways and seating and establish and implement a Walkway and Seating Plan	Review the existing walkways and seating on Mauao, having regard to archaeological, cultural and ecological values. Consider where walkways or seating is needed, or should be removed from Mauao, and develop a walkway and seating plan that reflects all required changes.	Staff time only	MOU operational fund	2022/2023	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand
		Implement the walkway and seating plan.	To be confirmed upon completion of the walkway and seating plan	MOU operational fund	2023/2024	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand
S4	Review and upgrade Ministry of Fisheries information on kaimoana limits	Work with the Ministry of Fisheries to review the signage on Mauao that sets out information on kaimoana limits.	Staff time only	MOU operational fund	2023/2024	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Ministry of Fisheries
		Work with the Ministry of Fisheries to upgrade the signage on Mauao that sets out information on kaimoana limits, as determined necessary.	Staff time only	MOU operational fund	2023/2024	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Ministry of Fisheries

	Primary project	Sub actions	Rough order cost	Funding source	Timing	Lead organisation	Support organisations
Ref.	<i>What will be done?</i>	<i>What are the key steps to achieving the action/project?</i>	<i>What is the cost estimate of completing this project/action?</i>	<i>Where will the funds come from to complete this project/action?</i>	<i>When will the project/action commence?</i>	<i>Who will lead the delivery of the project/action?</i>	<i>Who will support the delivery of the project/action?</i>
S5	Investigate the establishment of a waka launching site	Investigate options to establish a waka launching site at the base of Mauao (further actions/projects dependent on the outcome of investigations).	\$10,000	MOU project fund	2023/2024	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust
S6	Investigate the establishment of a cultural centre / visitor centre	Investigate options to establish a visitor centre and/or cultural centre at the base of Mauao (further actions/projects dependent on the outcome of investigations).	\$10,000	MOU project fund	2024/2025	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust

Te whakaarotau tuatoru - Third term priorities

	Primary project	Sub actions	Rough order cost	Funding source	Timing	Lead organisation	Support organisations
Ref.	What will be done?	What are the key steps to achieving the action/project?	What is the cost estimate of completing this project/action?	Where will the funds come from to complete this project/action?	When will the project/action commence?	Who will lead the delivery of the project/action?	Who will support the delivery of the project/action?
T1	Undertake archaeological research into the stone steps	Undertake archaeological and archival research to determine the nature and origin of the archaeological features associated with the stone steps on Mauao.	\$15,000	MOU project fund	2025/2026	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand
T2	Establish and implement a repair programme for the stone jetty	Undertake a formal assessment of the stone jetty by a suitably qualified conservator to determine what elements relate to the use of the jetty prior to the 1930s.	\$10,000	To be determined	2026/2027	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand
		Establish a repair programme for the stone jetty.	\$5,000	To be determined	2026/2027	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand
		Implement a repair programme for the stone jetty.	To be determined upon completion of the repair programme	To be determined	2027/2028	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand

Te mahi whakatutuki - Implemented priorities

Ref.	Primary project	Full or partial completion	Sub actions	Year completed	Funding source	Ongoing operational expenses
	What was done?	Has the action been fully or partially completed?	What key steps have been fully completed as part of the project/action?	When was the sub project/action completed?	Where did the funds come from to complete this project/action?	Are there ongoing operational costs?
I1	Undertake archaeological research into the stone steps	Full completion	Establish an archaeological monitoring programme for the archaeological features within the reserve.	The Heritage Authority for general maintenance was approved in August 2017. Annual reporting of the sites archaeological features is required under this authority.	Operational	No
			Implement an archaeological monitoring programme for the archaeological features within the reserve.	Ongoing annual reporting.	Operational	Yes – ongoing monitoring required
I2	Establish and implement a pedestrian traffic monitoring programme	Full completion	Establish a Pedestrian Traffic Monitoring Programme.	Counters were installed in December 2015.	Operational	No
			Implement a Pedestrian Traffic Monitoring Programme.	Ongoing monthly and annual counts reported.	Operational	Yes – ongoing monitoring required
I3	Establish and implement a stock grazing monitoring programme	Full completion	Establish a stock grazing monitoring programme to ensure damage to archaeological features is avoided.	This monitoring is undertaken under I1.	Operational	No
			Implement a stock grazing monitoring programme to ensure damage to archaeological features is avoided.	Ongoing annual reporting.	Operational	Yes – ongoing monitoring required
I4	Establish and implement a Psilotum monitoring programme	Full completion	Establish a Psilotum monitoring programme to ensure its protection.	Baseline monitoring was undertaken in November 2017.	Operational	No
			Implement a Psilotum monitoring programme to ensure its protection.	Baseline monitoring recommends that reporting occurs after significant works in the area, and or every 5 years to ensure the success of the plant population.	Operational	Yes