

HE PŪRONGO RĀPOPOTO

Tukuna mai ō whakaaro mō te Mahere Marohi ā-Rohe Whakahaere Koiora Orotā



Tukuna mai ō whakaaro mō te Tāmaki Makaurau e
anga ake nei, i mua i te 8pm o te 28 o Maehe 2018 i
akhaveyoursay.nz

Tukuna mai ō whakaaro mō te Mahere Marohi ā-Rohe Whakahaere Koiora Orotā

I arotake mutunga te Rautaki ā-Rohe Whakahaere Koiora Orotā o Tāmaki Makaurau i te tau 2007. He rahi ngā mea kua rerekē mai i taua wā, ehara ko ngā āhua orotā ake engari anō, ko ngā panonitanga o te Ture Ārai Koiora. Kei te arotake te Kaunihera o Tāmaki Makaurau i te RPMS o ināianei me te waihanga mahere hōu kia rārangi ai ki te Ahunga Kaupapa Here Whakahaere Koiora Orotā ā-Motu 2015. Ka takoto i te mahere hōu he pou tarāwaho ā-ture me tētahi tarāwaho ā-rautaki e tōtika ai ngā mahi whakahaere orotā i Tāmaki Makaurau.

Mai rā anō, i te tau 2014 ka tīmata ngā arotakenga o te mahere i waenga i ngā mema mana pōti o te kaunihera, a mana whenua, ngā kaimahi me ngā rōpū kei raro i te maru o te kaunihera, ngā māngai tira ahumahi me te iwi tūmatanui whānui hoki. Kua rite he pūrongo rāpopoto e taki rawa ana i ngā kōwhiringa kua oti ki tēnei wā (e wātea ana tēnei i runga i a akhaveyoursay.nz). Ko ngā āhuatanga whakahaere koiora orotā kei te mahere, kua tuhia me te aro ki ngā māharahara i puta i ngā whakawhitinga kōrero, me te whai whakaaro ki ngā tikanga hangarau i tirohia mā te wetewete i te utu mō ngā mea e āhei he ai ki ngā hua ka puta.

E kimi kōrero ana te Kaunihera o Tāmaki Makaurau mō te Mahere Marohi ā-Rohe Whakahaere Koiora Orotā (RPMP) e whakaarotia nei. Ko ō kōrero mai ka whai wāhi ki te whakatau i te āhua taki i ngā whāinga me ngā hōtaka mahi orotā i Tāmaki Makaurau mō ngā 10 tau e tū mai nei.



He aha tēnei mea te whakahaere koiora orotā?

Ko te orotā he tipu, he kararehe, he tukumate rānei e raru ai te ao tikanga ā-iwi, te taiao, ngā mahi ōhanga me te hauora. Ko te whakahaere koiora orotā he tao rākau nui e taea ai te ārai ngā tini kanorau-koiora o Aotearoa, tae atu hoki ki te hauora o te hapori whānui, me kaha tonu te ao ohaoha. He maha ngā āhua taki mahi orotā, pērā i te aukati i te hokohoko tipu me te kararehe kaikino, te muru i te mea orotā i tētahi wāhi motuhake, he whakaheke iho rānei i te rahi o te mea orotā i tētahi wāhi hei ārai i ngā uara o taua wāhi.

He aha ngā take matua?

Ko te arotake i te RPMP he mea e āhei ai te titiro ki te takinga o ngā mahi orotā i Tāmaki Makaurau e anga ake nei. Ko ngā tikanga matua mō te Mahere Marohi ā-Rohe Whakahaere Koiora Orotā e whakaarotia ana e rārangi ana i raro iho nei.



Te whakahaere orotā i ngā papa rēhia

Ina mau tonu ngā āhua whakahaere kaupapa koiora orotā i ngā papa rēhia a te kaunihera, i te mutunga iho ka horoa te ārai whānui o Papatūānuku ka ngaro ngā painga ā-hauropi, ā-taonga whakaahuru hoki. He māmā te kitea atu o te tipu orotā i runga i ngā papa rēhia a te kaunihera, ko te hua he tūhonohono o ngā amuamu a te iwi tūmatanui.

Ko tā te mahere he hora hōtaka hei aukati me te aroturuki i ngā tipu orotā kei ngā papa rēhia a te kaunihera, he Rohe Hauropi Hiranga ōna. Ko tā ngā hōtaka he whakatairanga i ngā haumitanga a te kaunihera hei tiaki i ana papa rēhia mā te tuitui i ngā mahi a te kaunihera, te hunga mahi kawekawe, ngā kaipupuri whenua tūmataiti mā te whakarite tikanga aukati e hua ai ngā painga ki ngā kanorau-koiora nā te mahi tahi a te katoa.

Ko tā te mahere marohi he whakakotahi i ngā mahi aukati kararehe orotā pērā i te kiore, wīhara, paihamu, poaka me te ngeru puihi puta noa i ngā papa rēhia a te kaunihera. Ko ngā ika whenua o Waitākere me Hunua he papa rēhia uara nui, ko rāua ngā pūnaha hauropi ngahere e rua nui rawa o te rohe. Kua hīkina te aronuitia o ēnei wāhi kia matua tiakina ētahi momo pērā i te tia me te koti.

Ko te tikanga kei muri i te mahere marohi he taki āhua mahi aukati orotā i ngā papa rēhia he mea hei:

- tiaki i te kawenga pūnaha hauropi o ngā Rohe Hauropi Hiranga nui i runga papa rēhia, ārai i te \$251-375 miriona o ngā painga ka hua mai i ngā ratonga pūnaha hauropi ka puta mai i ngā whenua papa rēhia a ngā 10 tau e tū mai nei
- ārai i ngā momo noho mōrearea
- mea kia noho tauira te kaunihera i runga i ōna ake whenua
- tuitui i ngā mahi i waenga i te kaunihera, te hunga noho pātata mai me ngā kaiwhakahaere tikanga kawekawe
- tiaki i te noho āhuru o ngā kaimahi, ngā hunga tūao me te iwi tūmatanui.

Tahumaero patu kauri

Ko te hūnuku haere a te tangata te ara tūpono e hora ai te tahumaero patu kauri. Ko ngā whāinga hei aukati i te hora tonu e pā ana ki ngā hōtaka e mataara, e tahuri kē ai ngā whanonga, ko ngā wāhi horohoro me ngā mahi rangahau. E hora tonu ana te mate urutā nei i te rohe, engari kāhore anō i kitea i te Ika Whenua o Hunua, i ngā moutere rānei o Tīkapa Moana / Te Moana-nui-a-Toi (i tua atu i a Aotearoa).

Ko tā te mahere nei he whakatairanga i te ārai o ngā wāhi urutā-kore mā te whakatū roheinga noho wātea me te whakapiki i ngā tikanga akuaku. E kore e whakaaetia te kawē tipu, te one rānei ki roto i te rohe o Hunua, mā te ahu rawa mai rānei i tētahi wāhi kua oti kē te tāpae hei wāhi urutā-kore. E kore e whakaaetia te mau tipu kauri ki ngā moutere o Tīkapa Moana / Te Moana-nui-a-Toi. Ka tautokohia tēnei e tētahi hōtaka e whakawhāiti ana i te hora noa ki te rahinga atu o te rohe.

Ko tā te kaupapa tiaki i te horanga o te tahumaero patu kauri i raro i te mahere e whakaritea nei he mea kia:

- piki ake te āhei rawa o te aukati i te tahumaero patu kauri i te Ika Whenua o Hunua me ngā moutere o Tīkapa Moana
- kūtia te hora i ētahi atu wāhi o te rohe.

Tiaki i te hora o te orotā ki ngā moutere o Tīkapa Moana

E whakahaere ngātahitia ana e te Kaunihera o Tāmaki Makaurau me Te Papa Atawhai te hōtaka Moutere Manatunga whakaoho me te panoni whanonga hei tū ārai mō ngā uara kanorau-koiora whakahirahira o ngā moutere o Tīkapa Moana / Te Moana-nui-a-Toi. Neke atu i te 40 umanga kaikawekawe kua whiwhi 'Raihana Orotā-kore' e tohi ana kua rite katoa ngā mea e iti rawa ai te tūpono kawē orotā ki ngā moutere. Āpiti atu ki ngā rore i runga i ngā moutere me ētahi atu pūrere ārai koiora, he mea whai hua tonu tā tēnei hōtaka ki te tiaki i ngā moutere o te whanga. Ahakoa anō, kei te muia tonu e ngā raru e mau tonu ana, pērā i ngā mea moroitia e huna tonu i te tirohanga kanohi, pērā i ngā pōpokorua Āketina me ngā mokomoko urutā.

I raro i te mahere e whakaritea nei ka toro atu te hōtaka raihana Orotā-kore hei takinga ā-ture mō ngā umanga kaikawekawe e mahi ana i te Rohe Rāhui o Te Whanga o Hauraki, me te tāpirihia atu hoki o ētahi ture momo-motuhake nei mō ētahi kaupapa. Ka toro atu hoki te Raihana Orotā-kore hei mea tūao noa nei, ki ētahi umanga e tūpono rarua rawa pērā i ngā wāhi whakatupu tipu, rawa hanga whare me ngā rua kerī kōhatu, e taea ai te aukati iho i te tūpono te uru tāhae a te orotā ki ngā moutere i waho.

Ka mau tonu te hōtaka Moutere Manatunga me tōna whakareia ki te mātauranga ā-papori, me te aroturuki i tōna whai hua. I uta ka haere tonu hoki ngā mahi āta mātaki me te whakamataara kei muia tonu mā te whakamahi pūrere me te kurī, ka āpitihia atu ērā ki te whakahau i te hunga whai mōkai ki te hōtaka whakaoho me te panoni whanonga.



Ko tā te kaupapa tiaki i te horanga orotā ki ngā moutere o Tikapa Moana i raro i te mahere e whakaritea nei he mea kia:

- haere tonu te tiaki pai i ngā moutere i te kararehe orotā
- aukati iho i te horanga pōpokorua, mokomoko me ētahi atu mea orotā
- tiaki i ngā utu pau ki te muru orotā i mua, ā-muri ake rānei i ngā moutere.

Moutere o Aotea

Kāhore anō te wihara me te paihamu i uru atu ki Aotea, koia i mau ai hei tikanga matua mō te rohe kia noho pērā tonu. Nā te tawhiti anō o Aotea i te tuawhenua i pōturi ai te tae atu o ngā tipu orotā pērā i te tipu pēpepe, poroporo huruwūru me ētahi taru makere noa e kitea ana i ngā māra o tuawhenua.

I te nuinga o te wā he māmā noa te whakawātea tipu orotā i te moutere i mua i te whānui rawa o te mau ki te whenua engari, nā te haereere tonu mai o te tangata ki te moutere ka piki tonu te tūpono tae tāhae mai a te orotā. Tērā te pōpokorua Āketina me te mokomoko urutā te whakaeke i Aotea i ngā tau tata nei. Ko te kawē rawa whakapai āhua whenua te take e tae huna mai ai te pōpokorua me te mokomoko.

Ko tā te mahere e whakaarotia nei he muru i ngā orotā iti te kitea i Aotea me te aro ki te aukati mea hōu te uru mā roto atu i te hōtaka Raihana Orotā-kore kua whakaaturia i runga ake nei. Ko tā te mahere hoki he whakarite tikanga hei aukati rāpeti, kiore, maihi me ngā ngeru kei ngā wāhi uara nui ki te kanorau-koiora i a te kaunihara e mahi tahi ana me te mana whenua, te Poari ā-Rohe o Aotea, te Papa Atawhai, me te hapori ake ki te whakawhitihiti kōrero e kitea ai he huarahi e kararehe orotā-kore ai a Aotea ā muri ake nei, ahakoa te rahi o ngā whakaaro rerekē o te hapori.

Ko tā te kaupapa tiaki i te horanga orotā i runga o Aotea i raro i te mahere e whakaritea nei he mea kia:

- aukatia te mokomoko urutā
- aukatia kei mau te tupu a te 43 tipu me te kararehe orotā i te moutere (pērā i te poroporo huruwūru)
- āraia ngā wāhi uara nui ki ngā kanorau-koiora i ngā whakararu a te rāpeti, kiore me te ngeru
- āraia ngā momo noho mōrearea pērā i te tāiko me te pāteke
- āraia te mahi a ngā pūnaha hauropi i ngā wāhi uara nui ki ngā kanorau-koiora o te moutere me ngā painga e hua i aua pūnaha hauropi mei ka eke ki te \$363-\$437 miriona ā ngā tau 10 e tū mai nei.

Moutere o Waiheke

He kāinga a Waiheke o te tini momo taketake, kei te whakawetia e te orotā. Tērā a Waiheke te noho hei kāinga hōu mō ētahi momo hōu kei te rarua, pērā i te kiwi, ina taea ngā orotā te muru. He poto noa te kauhoe atu i Waiheke ki ētahi atu moutere orotā-kore, ina ka noho tonu ngā koiora orotā pērā i te kiore me te wihara i runga o Waiheke, ka tūpono pokea anō aua moutere.

I roto i te mahere e whakaarotia nei ko te murunga o te kiore, wihara me ngā poaka i runga i te moutere o Waiheke. Ko te aro whakaaro mā te ngārahu whakahoa e riro mai mā aua tūhononga i waenga i te tangata ngākau mahora me ngā umanga kōpureihana e kawē 70 ōrau o ngā utu whakahaere. He mea nui tonu tā te hōtaka Raihana Orotā-kore hei ārai atu i te pokea anō i muri i te murunga.

Ko tā te kaupapa tiaki i te horanga orotā i runga o Waiheke i raro i te mahere e whakaritea nei he mea kia:

- āraia ngā Rohe Hauropi Hiranga i runga o Waiheke
- āraia ngā whakapaunga i ngā motu noho orotā-kore pātata
- hangaia he wāhi urunga mai mō ngā momo noho mōrearea.

Motu o Kawau

Kei te motu o Kawau anake te huinga warapi i te rohe o Tāmaki Makaurau. He mea wetiweti tēnei ki tuawhenua nei, ina hoki te raru o ngā ngahere taketake me ngā pāmu i te warapi. Ko te tupu hoki o ngā tatauranga warapi i ngā rohe ki te tonga o Tāmaki Makaurau he raru anō hoki ki te rohe.

Ko tā te mahere marohi e whakaarotia nei he muru i ngā warapi o Kawau me te tiaki i te noho warapi-kore o te rahinga atu o te rohe. Heoi anō rā he raru anō hoki tō te muru i ngā warapi anake i Kawau, ka piki ake ngā koiora urutā pērā i te kiore, te paihamu, i ngā tipu orotā rānei.

Koia ngā hōtaka e whai ake nei te aro ki te muru ngātahi i ngā warapi me ngā hōtaka muru kiore, wihara anō hoki. He mea nui anō tā ngā hōtaka Raihana Orotā-kore hei ārai atu i te pokea anō i muri i te murunga.

Ko te kaupapa mō te aukati orotā i runga o Kawau he ārai i te rohe katoa i ngā raru o te pokea e te warapi, he whakaiti iho i te raru ā-tangata e hūnuku ana ki tuawhenua. Ka whai hua ngā whenua pāmu, ngā ngahere taketake me te noho āhuru a te tangata.



Paihamu

Kei te whai hua ngā mahi aukati paihamu i runga anake i te 28 ōrau i te tuawhenua, koia te rarua tonu o ngā ōhanga matua me te ngaro o ngā pūnaha hauropi taketake.

Mā te aukati paihamu i te horanga whenua whānui, ka taea te whakaiti iho i ngā whakapaunga pūtea me te kaha ake o te mana hoko, me te āhei ki te whakaiti iho i te whakaeke anō mai i ngā rohe kāhore e noho ārai ana. Ko tā te mahere e whakaarotia nei he aukati paihamu puta noa i Tāmaki Makaurau ki te taiwhenua, ko te aukati paihamu ki tōna tōiti rawa he mea e hua ai he painga ki ngā mahi ōhanga matua me ngā pūnaha hauropi taketake.

Te ārai koiora wai māori

He koiora orotā wai māori kei roto kē i ngā punanga wai puta noa i te tuawhenua. Engari rā, a Aotea kei te noho wātea tonu i ngā koiora orotā wai māori matua me te mau tonu o ōna tino uara kanorau-koiora. Ko tā te mahere e whakaarotia nei he ārai i a Aotea mā te aukati i te uru o te orotā wai māori ki te moutere. I te tuawhenua nei ahakoa he momo orotā kei te nuinga o ngā punanga wai, he whai hua tonu tō te aukati i tōna hora whānui atu. Nā te mea ko te tangata tonu te take mō te hora o ngā orotā wai māori ki ētahi punanga wai hōu, ko tā te mahere nei he tohi i te hora o te orotā wai māori mā te ako me te whakaoho hinengaro, he mea tauira ki te ahunga o ngā hōtaka whai hua o Ngā Moutere Manatunga me te 'Tirohia, Horoia, Whakamaroketia' i ētahi atu rohe. Kei te mau tonu ngā tino uara kanorau-koiora i ētahi wāhi i te tuawhenua, engari e noho mōrearea ana ēnei pūnaha hauropi tērā pea te tūpono ngahoro ka ngaro ki te pō. Ko tā te mahere nei he tiaki i tētahi kāhui tipu me te kararehe orotā i ngā roto matua e rua nei o Tomarata me Rototoa, mā te mahi tahi me ngā mana whenua, ngā hapori ake o aua takiwā me NIWA.

Ko tā te kaupapa tiaki i te hora o te orotā wai māori i raro i te mahere e whakaritea nei he mea kia:

- noho orotā-kore ngā punanga wai o Aotea
- aukati i te hora puta noa i te rohe o te orotā wai māori
- torotoro i ngā orotā kei Tomarata me Rototoa hei ārai me te whakaora anō i aua pūnaha hauropi.

Te rohe katoa

Ahakoa e aro ana te rahinga o ngā hōtaka o te mahere e whakaarotia nei ki ngā wāhi matawhenua e taea te tū āraitia me ngā tino wāhi kanorau-koiora, ko ētahi hōtaka e whaipānga ana ki te katoa o te rohe, tae rawa atu ki te:

- muru me te aukati i ngā tipu orotā ahakoa iti noa te kitea kei tūpono te tupu hei orotā raru nui ā muri ake nei
- whakamau i te rarunga i te rāpeti me ngā tipu orotā iti te kitea e rure nei i ngā mahi ōhanga matua kia kaua ai e kaha te pākia o aua ōhanga matua
- ārai koiora tipu orotā
- ngā hōtaka pupuri, te aukati rānei i te tupu tonu o ngā kararehe orotā iti nei te kitea
- rāhui i te hokohoko tipu me te kararehe orotā hōu o ināia tonu nei. He mātai wāhi whakatupu tipu, hokohoko mōkai rānei, he ako me tuku kōrero e whakahau ana kia tōtika te tiaki mōkai me te mahi māra, he whakautu i ngā tonu a te hunga tūmatanui
- he mātai me te uruhi tikanga hei tiaki urutā rākau Tatimana.





Tāmaki Makaurau Orotā-Kore

He whāinga tiketike rawa te Tāmaki Makaurau Orotā-Kore kia hua, kia matomato ngā uruuru me ngā kararehe tūturu mā te patu i ngā kīrearea urutomo kāore e whakaaetia ana i roto i te rohe.

Ka tautoko a Tāmaki Makaurau Orotā-Kore i te Mahere ā-Rohe Whakahaere Orotā mā te tautoko i ngā rōpū hapori ki te whakaora i ō tātou pūnaha rauropi. Me whakauru mai, mā te mahi ngātahi ka tutuki.
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Te tahua e hiahiatia ana hei whakatinana

Ko te utu mō te whakatinana i te katoa o ngā tukanga kei roto i te Te Mahere Marohi ā-Rohe Whakahaere Kaupapa Koiora Orotā, he \$307.15 miriona (tirohia te ripanga i raro iho nei).

Ka aro atu te kōwhiringa mō te Mahere Pae Tawhiti ki te tahua ka taea, hei whakatinana i te Mahere Marohi ā-Rohe Whakahaere Kaupapa Koiora Orotā. Me te aha, ka haere ngātahi te kōwhiringa mō te mahere marohi me te Mahere Pae Tawhiti.

Kāhore e taea he tahua kotahi o ngā āhuatanga kua marohitia, e tirohia ana i te Mahere Pae Tawhiti, te whakatinana i ngā tukanga mahi o te mahere marohi. Heoi anō, e taea ana te whakataurite ngā tukanga kei te mahere marohi. E āhei ana te kite atu i ētahi atu kōrero mō ngā āhuatanga tahua kua marohi i roto i te puka kōwhiringa mō te Mahere Pae Tawhiti.

Ka whakamanahia te mahere whaimana mā te whai whakaaro ki te hua o ngā tukanga whakawhitiwhiti e rua.

Kāhui hōtaka	Te utu mō te 10 tau 2018-2028
Te taki āhua mahi tipu me te kararehe orotā i ngā whenua papa rēhia	\$142.44m
Te tahumaero patu kauri me te urutā rākau Tatimana	\$51.48m
Ngā hōtaka Moutere o Tikapa Moana / Te Moana-nui-a-Toi	\$35.28m
Te Moutere o Aotea	\$1.16m
Te Moutere o Kawau	\$1.85m
Te Moutere o Waiheke	\$5.91m
Ngā mahi ā-rohe aukati paihamu	\$40.41m
Ngā hōtaka orotā wai māori	\$5.53m
Noho wātea, murunga me te aukatinga o ngā tipu orotā ā-takiwā whānui	\$3.83m
Hōtaka ā-takiwā whānui aukati i te hora tonu, muru me te noho wātea i te kararehe orotā	\$10.62m
Hōtaka ā-takiwā whānui aukati tipu orotā	\$8.55m
Tatauranga i te 10 tau	\$307.15m

**Auckland Council (2018). Proposed Regional Pest
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