



Kaikonihi-Kore 2050
Pūrongo Ahunga
Whakamua 5-tau



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Te Whāinga: Hei te 2025, kua eke ki te 1 miriona heketea te pikinga ake (i ngā maha i roto i ngā taturanga o 2016) te takiwā o te tuawhenua o Aotearoa kei reira e āraingia ana e tātou te kaikonihī, nā ngā kaupapa Kaikonihī-Kore 2050.35

Te Whāinga: Hei te 2025, kua whakaaturia ka taea te ārai kaikonihī i ngā wāhi o te tuawhenua o Aotearoa he 20,000 heketea te rahi, ā, ka taea hoki te kaupare tonu i te hokinga mai o te kaikonihī ahakoa kāore he taiepa i whakamahia.37

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Te Whāinga: Hei te 2025, kua tautuhitia e ngā whānau, ngā hapū me ngā iwi ngā wāhi matua mō te ārai me te haepapa kaikonihī. Tāpiri atu, e rima kaupapa haepapa e arahina ana e te whānau, e te hapū, me te iwi kua horaina ki te motu whānui.44

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He Kupu nā Te Minita Whakakapi



Tēnā koutou katoa,

Kāore i tino roa ki muri, ka whakaarotia e te tini o te tangata kore rawa e mukua atu ngā kaikonihī o Aotearoa kia kaikonihī-kore te motu katoa. Ka kiā he pohewa nā te hinengaro pōauau.

Ki taku mōhio, tērā anō ētahi tāngata he pērā tonu ngā whakaaro. Engari, kāore e tika kia pēhia tō tātou piki ki ngā rangi tūhāhā nā te whakatito mai a te tangata ki tō tātou wawata nui.

He kaupapa māia a Kaikonihī Kore 2050, he kaupapa whakaoho i te iwi, hei urupare ki te rarunga kanorau koiora o Aotearoa. He wāhi nui tonu ō tatou momo taketake nō tō tātou tuakiri ā-motu, tuakiri ahurea. Ko tātou katoa kei te hāpai i tētahi wāhanga o te kupenga, e tiakina ai, e whakareia ai ngā taonga o nāianeī, mō te reanga i taku tamāhine, me ngā reanga kāore anō kia whānau mai.

E ai tā te whakataukī a Tā Paul Callaghan, he kōrero e tika ana kia whakapuakina nuitia, ko tēnei whakaaro kia kaikonihī-kore Aotearoa tētahi whakaaro 'pōrangī', engari ka whakataukītia tēnei kaupapa hei rite ki te rerenga a te tangata ki te marama, ā tōna wā.

E ai ki tētahi arotakenga i ngā tau tata nei mō ngā momo māori noho whenua koni atu i te 9000, neke atu i te 3000 e mōrearea ana, he mōreareatanga rānei ka korehāhā. E urupare ana a Kaikonihī Kore 2050 ki ēnei āhuatanga i runga i te kakama. E mōhio ana mātou he tere tonu ngā koiora māori ki te hoki mai ina wātea tētahi momo i te konihī, ā, ka kitea tēnei āhuatanga ina haere mātou ki ngā moutere moana, me ngā rāhui tuawhenua hauropi whai taiepa. Kei ēnei wāhi ka kitea te āhua o Aotearoa i ngā rā o mua, ka pēhea hoki pea tōna āhua hei raurangi.

E whakawhirinaki ana a Kaikonihi-kore 2050 ki ngā mātauranga o ngā tuangahuru tau i angitu ai te haepapa kaikonihi i ngā moutere me te nui noa atu o te mātauranga hou, tae atu ki ngā mātauranga hōhonu o te hia whakatupuranga e noho tahi ana te tangata whenua me te taiao. Hei waitohu te tau 2021 mō te rima tau mai i te whakapuakitanga o te whāinga, ā, he wā tika hoki kia whakaatatia, kia whakanuia hoki te ahunga whakamua tae mai ki tēnei wā.

E kore te whāinga e tutuki i te hinonga kotahi anake, ā, me tā hou i te kupenga, kia pipiri katoa hoki ngā kaimahi, kia matawhānui kē noa atu te titiro ki tua atu i ō mua taumata. Kua whakaatatia tēnei i roto i te rautaki Kaikonihi-kore 2050, e pou nei i tētahi mahere whenua mō te eke atu ki ngā waitohu, mā te whakamahi hātepe whakahāngai i ngā haumitanga ki ngā kōkiri rangahau, me ngā kaupapa.

Ko te aronga, tae mai ki tēnei wā, he whakaoho i te iwi, he kimi tikanga hou hoki. Kawea ai ngā mahi tāmi kaikonihi e ngā rōpū hapori, i ō rātou wāhi noho, wāhi mahi, wāhi tākaro hoki. I tērā wiki tonu ka uru taku tamāhine hei mema o te karapu tārore o tō mātou takiwā tāone.

Kua whakarewaina he kaupapa haepapa kaikonihi rarahi huri noa i te motu katoa. Ka noho ēnei kaupapa hei tohu i te huarahi – e whakamātauria ai he taputapu, he tikanga mahi hou, e ako ai tātou i ngā āhuatanga e tutuki ai te haepapatanga torowhānui. Ko te arotahitanga nui, kei te auahatanga pūtaiao, rangahau hoki, i a tātou e rapu tomokanga pūtaiao hei wewete i ngā uauatanga o te haepapa kaikonihi.

He pai tō tātou ahunga whakamua ki ngā tohu huarahi tārewa o te whakatutuki me te whakapūmau i te haepapatanga i ngā rohe tuawhenua rahi kore taiepa, ā, kei runga kē atu te tāmitanga kīrearea puta noa i te whenua i te ūnga mō 2025.

Ka nui te hari o te kāwanatanga ki te tū tahi me ngā hapori, ngā whānau, ngā hapū me ngā iwi, ngā umanga, ngā kaipūtaiao me ngā whakahaere ehara i te kāwanatanga ki te akiaki i te hoenga o te waka ki te whāinga whakamutunga. He roa te ara, e tika ana kia kaha tatou ki te ako, ki te tārei hoki i ōna ritenga i roto i ngā tau – engari i te mutunga, ka kitea ōna tini hua.

Nāku noa, nā



Hōnore Tākuta Ayesha Verrall

Minita Whakakapi mō Te Papa Atawhai



Okia Head. *Whakaahua: Crystal Brindle*

Tā mātou whāinga tāhuhu

Whakahokia mai ngā reo karanga
o te pēpeke, o te pekapeka, o te
ngārara, o te manu ki ngā ngahere,
ki ngā whenua pāmu, ki ngā tāone iti,
ki ngā tāone nui me ngā takutai.







Whakarapopototanga

Tēnei a Kaikonihi-Kore 2050 te huri atu ki tētahi aronga hou, arā, ka waiho te ārainga taupua, ka tīmata kē i tētahi haepapatanga pūputu ā-motu whānui. He kaupapa māia tēnei, hei urupare ki te rarunga kanorau koiora o Aotearoa. He tini ngā taumata kua ekea i roto i te 5 tau mai i te hāpainga i te whāinga kia wātea a Aotearoa i ngā kaikonihi e toru tino kino te ngangau mō ō tātou koiora māori, - arā, te kiore, te paihamu, me te whānau tori, (te whereti, te toriura, me te wihara).


Ko tā Kaikonihi-Kore 2050 he whakapakari i ngā tūāpapa i poua mai e ngā hapori i mahi nui i tēnei tū mahi hei tiaki i te taiao i tō rātou takiwā, me ngā momo koiora māori. Kei te piki haere tonu te tautoko, kei te āwhina te hunga ngākau-nui i ngā kaupapa puta noa i te motu, me te tautoko atu a te Predator Free New Zealand Trust i a rātou.


Tērā anō tōna haumitanga pūtea e te kāwanatanga, arā, neke atu i te \$300 miriona, ki nga kōkiri Kaikonihi-Kore, ā, hei taituarā tēnei mō ngā pūtea mai i ngā kaunihera ā-rohe, ngā hinonga atawhai, me te wā mahi, ngā mahi whakaheke werawera hoki a ngā rōpū hapori.


Taketake


-  kua tutuki
-  kei te ara tika e tutuki ai
-  e kore e tutuki
-  kīhai i aromatawaia


Nā Te Rautaki Kaikonihi-Kore 2050, i tāreia i te tau 2020, i whakarite tētahi kaupapa kawē kē i te ihu o te waka, whakakotahi hoki i ngā tini āhuatanga, kāore e kore ka tūponotia i raro i tētahi whāinga pēnei rawa te matawhānui. E horaina ana te Rautaki mā ngā ara mahi e ono. E toru anō hoki ōna wāhanga matua, e kitea nuitia ai te pāhekoheko ā-rohe, ā-motu i roto: whakamanawatia-whakaauahangia-whakahohorotia. E whitu ngā whāinga tārewa o Kaikonihi-Kore 2050 hei arataki i ā mātou mahi i roto i ēnei tau tūtata. Inā hoki te nui o te ahunga whakamua i raro i ēnei whāinga mō 2025.


 Whakapiki tāmitanga mā te 1 miriona heketea.


 Ka tutuki te haepapa kaikonihi i ngā wāhi kore taiepa tae atu ki te 20,000 heketea i Aotearoa ake, ka āraia hoki kei whakaekea anō.

 Kua haepapatia katoatia nga kaikonihi whāngote i ngā moutere o te moana o Aotearoa kore tangata

 Ka taea e tētahi rongoā pūtaiao hou te haepapa i tētahi kaikonihi whāngote i te tuawhenua o Aotearoa.

 Ka ārahi te whānau, te hapū, te iwi hoki i ngā kaupapa haepapa e rima, kāore e iti iho.

 Kua haepapatia te paihamu, te whānau tori rānei i tētahi tāone nui o Aotearoa.

 E wātea ana he taputapu, he mātauranga whaihua hei whakatutuki i te haepapa kaikonihi i te whenua pāmu.

Nā ngā haumitanga a te Kāwanatanga ki te hōtaka tāmi kaikonihī Tiakina Ngā Manu a Te Papa Atawhai, me ngā hōtaka rohe whānui mā roto i Predator Free 2050 Limited kua tino whakawhānuitia te tāmitanga kaikonihī-kore – ki tua noa atu i te whāinga mō te tau 2025, i piki ai te rohe tāmi kaikonihī-kore i te tuawhenua o Aotearoa mā te 1 miriona heketea (mai i ngā tauranga o 2016).

E hoatu ana ētahi kaupapa haepapa kaikonihī rohe whānui i ngā hua rangahau i te taiao, me te whakawhānui i tō tātou mōhio me pēhea te haepapa kaikonihī i ngā rohe rarahi, me pēhea hoki e tiakina ai ngā whenua matahuhua kei whakaekea anō. He wāhi matua tō te whānau, te hapū me te iwi i roto i ngā mahi hoahoa, whakatau, hora hoki i ngā kaupapa whakahaere kaikonihī i ō rātou rohe. E rua ngā kaupapa kua whakarewaina, he iwi te kaiārahi, tae mai ki tēnei wā, ā, tērā anō ētahi e whai mai ana i muri.

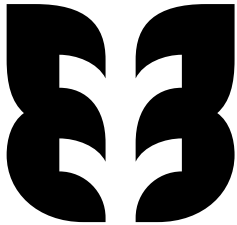
Kei te paihere te hapori pūtaiao i āna mahi ki runga i ngā rangahau e piki ai te utu, te hohoro me te matararahi o ngā haepapatanga kaikonihī. Tērā anō ētahi kaupapa rangahau, whanaketanga hoki i roto i Manaaki Whenua – Landcare Research, te Biological Heritage National Science Challenge me Predator Free 2050 Limited kua hāngai ki runga i ngā whāinga Kaikonihī Kore.

I whakatūria ai te Tools to Market (Te Papa Atawhai) me Products to Projects (Predator Free 2050 Limited), he whai kia ākina te auahatanga i te taha taputapu, hangarau hoki, me te whakawātea i ēnei hei whakamahinga mā ngā kaupapa kaikonihī-kore. Ko ngā taputapu me ngā ritenga mahi nā Zero Invasive Predators i tārei i tā rātou haepapatanga i te whānau tori, ngā paihamu, me ngā toriura i te pae o te riu o Perth, i Arawhata; tētahi huringa nui mō ā tātou whakaritenga haepapa kaikonihī, ārai pae hoki kei whakaekea anō, kāore he whakamahinga taiepa.



Harore kikorangi/werewere-kökako. Whakaahua: Shellie Evans

He aha tēnei mea Kaikonihi-Kore 2050?



**PEOPLE – NATURE
TOGETHER WE FLOURISH
TUIA TE TAIAO**

Me pohewa tētahi Aotearoa e noho haumaruru ai ngā koiiora māori, e kore e haepapatia, e hauora ana te tupu i waenga i a tātou.

He whāinga tino matawhānui a Kaikonihi Aotearoa 2050, i whakatauria i te tau 2016. Ko tōna uho kia wātea a Aotearoa i ngā kaikonihi e toru tino kino te ngangau mō ō tātou koiiora māori, - arā, ngā paihamu, te whānau tori, (te wheretī, te toriura, me te wihara) hei mua i te takanga ki te tau 2050.

Mā te whakatutuki i tēnei whāinga e tino piki ake ai te kanorau koiiora o Aotearoa, e piki ake ai hoki te hauora o ō tātou momo koiiora e kīa nei he taonga, pēnei i ngā manu, i ngā pekapeka me ngā kararehe kōiwi kore, kātahi anō ka pēnei te mataora i waenga i a tātou.

Ka noho Kaikonihi-Kore 2050 hei whāinga whakakotahi i ngā iwi katoa o Aotearoa. Ka taea e ngā whānau, e ngā hapū, ngā tūao, ngā hinonga kāwanatanga, ngā kaunihera, ngā kaipūtaiao, ngā rōpū ehara i te kāwanatanga (NGO), te hunga ngākau atawhai, me ngā rōpū hapori hoki te whakahāngai i ā rātou mahi ki runga ki tēnei whāinga. E kore tēnei whāinga matawhānui e tutuki i te hinonga kotahi anake. Ahakoa, mā te mahi tahi ka taea e tātou te whakatutuki tētahi mea whakahirahira kē atu, tēnā i te hua o ā tātou mahi takitahi.

Ka wātea mai ana Aotearoa i ēnei kaikonihi, ka kitea te raneatanga o ngā kararehe, o ngā manu, o ngā kararehe, ā, he whenua tēnei e tino piki ai te hononga o te tangata ki te taiao. Kei te tohu i tāreia mō Kaikonihi-Kore 2050 te matakite nei: Tuia Te Taiao, Ko te Tangata – Ko Te Taiao, Kia haere takitahi.

He aha tātou i hiahia ai ki tēnei whāinga?

Mā tētahi Aotearoa wātea i ngā kaikonihi, ka whakarauorangia ō tātou manu, kararehe i te korehāhātanga, ka tū tika anō te mauriora o te taiao, ka noho hei taonga mō ngā reanga hou. Ko Kiwi tērā, ko Kererū tērā, ko Tuatara tērā, ko Wētā tērā – he wāhanga taketake ēnei momo o te taiao nō tō tātou noho i te ao, ā tātou pūrākau, tuakiri hoki.

I whanake mai ō tātou kararehe iwi-kore i roto i te 80 miriona tau ka hipa, kāore he kaikonihi whāngote, nā konei ka noho mōrearea ki ngā kaikonihi i kawea mai i tawāhi. Kua ngaro ētahi momo mō ake tonu atu – mai i te taenga mai o te hunga tangata ki konei, 79 ngā momo e mōhiotia ana kua korehāhā, e 59 o ēnei he momo manu.¹

I tēnei wā, 74% o ngā manu noho tuawhenua māori o Aotearoa, me tētahi 84% o ā mātou momo mokomoko māori, kei te noho mōrearea, kua tata te korehāhā.² E ai te kī, kua tū ā-tō te rā, me huri wawe tātou ki te tiaki i ēnei momo, i runga i te mōhio neke atu i te 25 miriona manu māori ka patua ia tau e ngā kaikonihi nō tawāhi.³

E ai tā te Māori, ina ngaro te mauri, ka pākia te wairua o te tangata, ka hinga te mana o te iwi, ka tānoatia anō hoki ko te tapu o te taiao. Mehemea e hē ana te taiao, ka noho ngoikore tātou katoa. E tūhonohotia ana te hauora o te tangata me te taiao.⁴

Ka whakaatatia e Kaikonihi-Kore 2050 te whāinga mātāmua a te Kāwanatanga kia tiakina, kia whakatikaina, kia whakaorangia hoki ā tātou taonga ā-taiao, me te kanorau koiora. Hāunga ia te pānga taumaha o ngā kaikonihi ki ō tātou momo e kīa nei he taonga, he mōrearea hoki ngā kaikonihi mai i tawāhi ki tō tātou hauora, ki te ōhanga me te rāngai ahuwheua – ina hoki, he kaikawe ēnei momo mō ngā mate hōrapa pēnei i te mate kōhi o te kau.

¹ Department of Conservation. 2020. Te Mana o te Taiao - Aotearoa New Zealand Biodiversity Strategy 2020, wh. 17, e wātea ana ki www.doc.govt.nz/te-mana-o-te-taiao.

² Tatauranga Aotearoa Stats NZ, 2021. Tūtohu: Te mōreareatanga kōrehāhā ki ngā momo noho tuawhenua māori, e wātea ana i www.stats.govt.nz/indicators/extinction-threat-to-indigenous-land-species.

³ Department of Conservation. 2020. Ngā Ara ki tētahi Ao Kaikonihi-Kore mō Aotearoa New Zealand: Predator Free 2050 Strategy, wh. 11, e wātea ana www.doc.govt.nz/moving-towards-pf2050.

⁴ Te Papa Atawhai 2020. Ngā Ara ki tētahi Ao Kaikonihi-Kore mō Aotearoa New Zealand: Predator Free 2050 Strategy, wh. 20, e wātea ana www.doc.govt.nz/moving-towards-pf2050.

Hei pēhi te tāmitanga kaikonihi i te maha o ngā kaikonihi ki tētahi taumata pāpaku, e iti iho ai te kinonga, otiia ko tā te haepapa, he patu rawa i tētahi momo kaikonihi mō ake tonu atu. Mā te haepapa kaikonihi ka whai putanga anō o tātou momo māori, kāpā kia ora noa iho, engari kia puāwai. Ko te mate o te huarahi tāmi tonu, he huarahi e hokihoki pūputu ai tātou ki ngā haumitanga pūtea, whakamahi paihana, tārore kararehe, engari ia te haepapa hei whāinga, ka taea pea te whakamutu rawa i ēnei hokinga ki aua mahi.

Ehara tēnei i te mahi māmā – kāore anō he kaupapa haepapa kaikonihi pēnei te rahi kia tutuki i te ao nei. Kāore kau he pukapuka hei whai, engari arā noa atu ngā whiwhinga. Mā te ekenga ki te taumata ka puāwai te hononga o te tangata ki te taiao, me ngā momo māori. Ka piki te maha o te hunga tāpoi peka mai ki Aotearoa, ki te whakangahau ki tō tātou taiao ātaahua, kore kaikonihi hoki. Ka piki kē noa atu te rāngai tūmatanui, i te korenga e herea e ngā ritenga whakahaere kīrearea, ā, ka taea tō tātou mātauranga tāmi kaikonihi, waihoki o tātou pūkenga, taputapu hoki, te tuku ki whenua kē puta noa i te ao.

Ngā huaputa mō nāiane

Ka piki anō te mauriora o ngā tupu me ngā kīrehe māori, ka matomato te tupu, ka tupu noa ngā mea katoa

Ka mana te kaitiakitanga me te rangatiratanga o te whānau, o te hapū o te iwi anō hoki

Ka piki te mana o ngā tāngata o Aotearoa i te ao nā te mōhio ki te ārai kaikonihi, nā te auaha me te matatau

Ka pakari ake te manawaroa o ngā pūnaha rauropi

Ka tūhono anō nga reanga o te hunga o Aotearoa ki o tātou ngahere me ngā wāhi māori noa

Ka kaha ake te pakari o ngā pūnaha hauropi i mua i te panonitanga huarere

Ko wai mā kei te hāpai i Kaikonihi-Kore 2050

He wāhanga tō ngā tāngata katoa i tō tātou whenua kia tutuki Aotearoa Kaikonihi-Kore. E piki ana Kaikonihi-Kore 2050 hei kōkiri taiao, pāpori torowhānui, e tuia ai ngā kaupapa rerekē hei mea kotahi, e tutuki ai ētahi whāinga tino hira.

He whāinga ā-motu Kaikonihi-Kore 2050, ko tōna tīmatanga mai ko ngā kōkiri ā-hapori ki ngā haepapatanga ā-motu, me ngā tāmitanga i te tuawhenua nā ngā rōpū hapori, me ngā rōpū ehara i te kāwanatanga i roto i te 60 tau ka hipa ake nei.

Ka nuku haere te paihamu, te kiore, te toriura, te wīhara me te whereti i waenga i ngā whenua whāomoomo, ngā whenua pāmu, ngā punanga ā-rohe, ngā kāinga noho, me te wāhi pakihī matua o te tāone. E hiahiatia ana kia paiheretia ngā whakapaunga kaha o te tini o ngā rōpū me ngā tāngata whakaaro ōrite, whāinga ōrite, e tutuki ai i a tātou te tū kaikonihi-kore. Kaua e waiho tēnei whāinga mā te hinonga kotahi e kawē – he kōkiri tēnei ka taea te hāpai e ngā kairangahau, e ngā whakahaere me ngā rōpū, ahakoa te wā.

I te takiwā paetata, kei te tuia mai e ngā hapū, ngā iwi, e ngā hapori, e ngā umanga me ngā kaunihera ki roto i ā rātou kōkiri take, hei whakaora i te taiao, hei whakapiki i te toiora tangata i ō rātou takiwā noho.

I te taumata ā-motu, tērā te huhua o ngā kaipupuru pānga puta noa i te kāwanatanga, i ngā hinonga Karauna, i ngā rōpū ehara i te kāwanatanga, i te rāngai atawhai hoki e whakahāngai nei i ā rātou mahi ki runga i ngā whāinga-poto me ngā whāinga-roa i whakatauria i raro i te Rautaki Kaikonihi-Kore 2050.⁵ E eke ai ēnei whāinga me ngā mahi matatini o roto, me tino pāhekoheko ngā rōpū ā-motu, inā hoki kātahi anō he kōkiri pēnei ka tīmataria.

⁵ Ka kitea ngā tūranga me ngā takohanga o te hunga whai wāhi ki Kaikonihi-Kore 2020 i te Rautaki Kaikonihi-Kore 2050.

Rautaki Kaikonihi-Kore 2050

I whakaaetia te Rautaki Kaikonihi-Kore 2050 e te Rūnanga a te Kāwanatanga 1 tau ki mua. Ka tautokona e te Rautaki tētahi ara pāhekoheko, rōpū maha ki te whāinga o Kaikonihi-Kore 2050, me te tuku mā ngā hinonga, ngā whakahaere me ngā rōpū hapori takitahi e kawe haere i ngā mahi e tino mahia ana e rātou.

He pēhea i tāreia ai te Rautaki?

Nā te mea ko te Papa Atawhai (COD) te hinonga hautū a te Kāwanatanga mō Kaikonihi-Kore 2050, nāna i ārahi te tāreitanga o te Rautaki. I whakatūria ētahi hui tuatahi i te tau 2018, i pōwhiritia ai ētahi tāngata takitahi i ngā rāngai maha kia horaina he tohutohu mō te ahunga rautaki, waihoki ō rātou mōhiotanga mō ngā wehenga o te kaupapa. I whai wāhi mai ngā kaipūtaiao, a Predator Free 2050 Limited, Predator Free New Zealand Trust, ngā rōpū whāomoomo ehara i te kāwanatanga, ngā kanohi kaipakihi, me ētahi māngai nō ngā iwi me Ngā Whenua Rāhui.

He mea taketake kia whai wāhi mai ngā whānau, ngā hapū me ngā iwi ki te tāreitanga o te Rautaki, me tā rātou tohutohu mai he mea nui te 'pēheatanga' o ngā mahi, he rite tonu tōna hira ki te tutukinga o te whāinga. I whakatūria he hui i ngā rohe 15, neke atu o te motu, ā, neke atu i te 100 ngā iwi, ngā hapū, me ngā rūnanga i pōwhiritia kia tae ake. Nā konei ka hōhonu kē atu te māramatanga ki ngā moemoeā o ngā whānau, ngā hapū me ngā iwi hei kaitiaki, ā, ka whakaurua atu ki te Rautaki.

I noho anō ēnei urupare hei kahupapa mō te aratohu whakawhiti kōrero, kia pai ai te whakaputa kōrero o ngā tāngata katoa. I haere ngā toronga whakaaro tūmatanui i roto i ngā tau 2018/2019, ā, 742 ngā urupare uiuinga i tae mai, 161,663 ngā tāngata i torona mā te pāhopori (4300 ngā puakitanga whakaaro/whakawhitinga nā roto i te pāhopori). He wāhi nui tonu tō ngā urupare i tae mai, mā roto i te toronga tūmatanui, nō te hanganga o te Rautaki.

He aha tēnei mea te Rautaki Kaikonihi-Kore 2050?

He wāhi anō te Rautaki nō tētahi urupare kanorau koiora whānui kē atu, e poua nei ōna āhuatanga i roto i Te Mana o te Taiao - Aotearoa New Zealand Biodiversity Strategy 2020.⁶ He wāhi hira anō te haepapa kaikonihi nō te whakatika i te hekenga kanorau koiora.

He mea āta hoahoa te Rautaki me te Mahere Kōkiri 5-tau i te taha kia whakahāngaitia, kia rurukutia ngā mahi whāomoomo taiao, te haumarua koiora, te kanorau koiora hoki puta noa i te kāwanatanga ā-motu, te kaunihera ā-rohe, ngā hapori, ngā whānau me ngā iwi. Tērā ētahi kawenga kētanga me mātua whakatinana, mō te āhua o tā tātou mahi kōtui, tā tātou ako, pāhekoheko hoki, ka pēhea hoki e whakaotingia ai ngā whakataua.

I runga anō i te āhua wātaka-roa te whāinga o Kaikonihi-Kore 2050, o ngā rangahau me ngā auahatanga e tika ana kia tae atu ki reira, ka tākina i roto i te Rautaki ētahi wehenga e tika ana kia whakaraupapatia ā tātou mahi i roto i te wā.

⁶ E wātea ana Te Mana o te Taiao - Aotearoa New Zealand Biodiversity Strategy 2020 hei tiroiro i www.doc.govt.nz/te-mana-o-te-taiao.

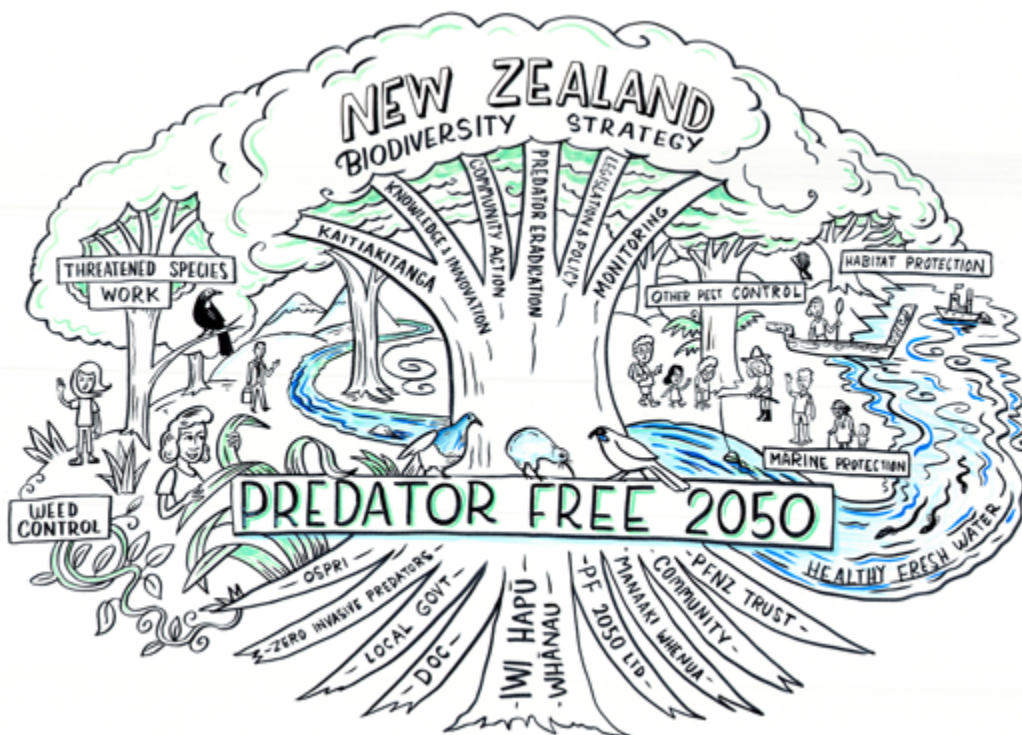
I a tātou e noho nei i tētahi wāhanga ako, me whakahāngai te nuinga o ā tātou mahi, rawa hoki kia 'whakaaauhangia'. He mea nui kia puta he pāinga mō te whakawhanaketanga taputapu, ritenga hoki, e tika ana kia whakarahia ake kia hāngai ki ngā mahi ā-motu, nā ā tātou mahi o nāiane.

- > **Whakamānawatia:** He whai i ngā ara e tika ana kia hangaia he hāpori kaikonihi-kore, kia whakatūria hoki he pāhekohekotanga ā-rohe, ā-motu hoki.
- > **Whakaaauhangia:** He whakawhanake i ngā taputapu me ngā ritenga mahi whakaumu hou (me te whakaae mai a te iwi whānui ki aua ritenga) e tika ana hei haepapa kaikonihi.
- > **Whakahohorotia:** He hoatu i ngā ritenga me ngā tikanga mahi o Kaikonihi-Kore 2050 puta noa i te whenua i runga i te hohoro, ina whakawhanaketia.

He Anga Mahi Pāhekoheko

Ko tā te Rautaki Kaikonihi-Kore 2050 he whakatū anga mahi pāhekoheko, me ōna ara rautaki e ono, hei hora whāinga wāhi mō ngā whakahaere o roto i te taumata ā-motu kia ruruku mahi, tētahi ki tētahi. Ka uru ki ēnei rōpū ngā mema o te hāpori Kaikonihi-Kore 2050, ā, kua whai haepapa ā-motu tā rātou mahi mō tēnei kaupapa, otirā, he mahi tēnei e tika ana kia whakahāngaitia te whāinga rawa me ngā mahi.

I tēnei wā neke atu i te 50 ngā tāngata mai i ngā whakahaere, i ngā hinonga me ngā rōpū 27, kua huiā mai kia mahi i roto i ētahi rōpū pāhekoheko e ono. E hanga ana ēnei rōpū i ētahi mahere mahi hei tautohu i te ahunga ihu waka mō ia ara, hei whirinakitanga hoki mō te anga mahere haumi ka tikei ki ngā hinonga me ngā whakahaere o roto, me te whakaoti ritenga e haere tika ai te whāngaiinga pūtea ki te whakatutukitanga o te Rautaki.



Hoahoa 1: Ko Te Rautaki Kanorau Koiroa Aotearoa e whakahaere ana i ngā mahi kanorau korora o Aotearoa. Katoa ngā hōtaka, me ngā mahi kia Kaikonihi-Kore a Aotearoa hei te 2050, kei raro iho o tēnei tāwharautanga.

Mā ngā whānau, mā ngā hapū, mā ngā iwi e whakatau tō rātou kaitiakitanga

- Biological Heritage National Science Challenge
- Department of Conservation

- Manaaki Whenua – Landcare Research
- Te Tira Whakamātaki
- Te Puni Kōkiri

Te whakatinana i ngā ture me ngā momo kaupapa here e tika ana mō te kaupapa

- Department of Conservation
- Environmental Protection Authority

- Land Information New Zealand
- Ministry for the Environment

- Ministry for Primary Industries
- Regional councils

He aronui, he aromatawai, he aromātai i te rerekētanga

- Biological Heritage National Science Challenge
- Department of Conservation

- Land Information New Zealand
- Manaaki Whenua – Landcare Research

- Predator Free 2050 Limited
- Regional councils
- Stats NZ
- Te Ao Māori representative

Me whakaohoho, me whakamana ngā hapori kia mahi i te mahi

- City councils
- Department of Conservation
- Forest & Bird

- Ministry for Primary Industries
- Predator Free 2050 Limited

- Predator Free New Zealand Trust
- Regional councils
- Te Ao Māori representative

Te mātauranga, te mahi auaha, te whakapai

- Biological Heritage National Science Challenge
- Department of Conservation

- Manaaki Whenua – Landcare Research
- Ministry for Primary Industries

- OSPRI
- Predator Free 2050 Limited

- Regional councils
- Science for Technological Innovation National Science Challenge

- Te Tira Whakamātaki
- Zero Invasive Predators

Te nuku atu i te pupuru i te maha o te kaikonihī kia iti, ki te ara haepapa pūmau

- Department of Conservation
- Kiwis for Kiwi
- Land Information New Zealand

- NEXT Foundation
- Ngā Whenua Rāhui
- NZ Fur Council

- OSPRI
- Predator Free 2050 Limited
- Regional councils

Hoahoa 2: Ngā rōpū pāhekoheko.

He huritao mō te tau tuatahi o te hātepe rōpū pāhekoheko

Kua oti te hātepe rōpū pāhekoheko te arotake e te hunga o waho, i muri i te 1 tau e haere ana. I arotahitia e te arotake ētahi urupare whakapai, me ētahi o ngā uauatanga nā ngā kaiurupare i whakaara mai. I muri i ngā putanga me ngā tohutohu a te arotake, ka whakarerekētia te hātepe rōpū pāhekoheko hei whakatikatika i te hātepe.

- ✓ Kua timata tētahi Rōpū Kaihautū Pāhekoheko, arā, kotahi kanohi, e rua rānei mai i ia rōpū pāhekoheko, ki te huihui pūputu, kia mahea ai te titiro puta noa i ngā rōpu, waihoki, te ruruku i ngā mahi. He ara taketake tēnei mō te whakapiki mahi kia hāngai tika, mō te whakamārama huaputa, me te hoehoe ngātahi o ngā tira, puta noa i ngā rōpū pāhekoheko.
- ✓ Ko ngā huaputa kua pūrongotia tae mai ki tēnei wā, he huaputa hātepe –kua piki ake te tohatoha mōhiotanga, pūrongo hoki, kua kaha ake ngā hononga, koia ēnā ngā huaputa taketake o te hātepe pāhekoheko ā-motu tae mai ki tēnei wā. He mahi tuatahi hira ina e whakapakaritia te whakapono me te whirinakitanga a tētahi ki tētahi.
- ✓ Kua tū ā-oti ngā Mahere Whakatinana mō ngā Ara, hei waenga o tēnei tau ka oti, ā, ka noho hei tūāpapa mō tētahi mahere haumitanga tōpū.
- ✓ E whakawhanaketia ana tētahi pae tukutuku Kaikonihi-Kore 2050 i tēnei wā, kia pai ai te whakawhiti kōrero me te tiroiro a ngā rōpū tētahi ki tētahi.

- ✗ Nā COVID-19 i haukoti te rere o ngā mahi, waihoki te hohoro me te hātepe o te whakatū rōpū me te mahi ngātahi i 2020, arā, i tino pāngia ngā wātaka, ngā mahi mātāmua me te āhei o te tangata ki te hui ā-kanohi.
- ✗ I āhua tukoki ngā mahi whakamana māngai o ētahi o ngā rōpū pāhekoheko, nā reira i āhua pōrori kē atu ai te haere, ina hoki, me whakangungu ngā mema hou mō te āhua o te mahi. I āhua titengi hoki te mahea o te kite i te whāinga Kaikonihi-Kore 2050 i roto i ngā whakahaere kāwanatanga e tautoko nei i te kaupapa.
- ✗ He hātepe tauhou te mahi i runga i ngā tikanga pāhekoheko mō te tini o te tangata. Kua puta te hukihuki ki ētahi tāngata, e kī nei he uaua te pōturi o te mahi pāhekoheko. Ko ētahi atu uauatanga i ara ake i te mahi hautū, i te whakaruruhau me te whakauru i te kaitiakitanga ki ngā rōpū katoa.

He mātai tūāhua:

Kaua mā Te Kākaho Takitahi, engari mā te Pānga Pāhekoheko

I tautohutia te hiahia kia whakapakaritia ngā mahi ruruku puta noa i ngā hinonga me ngā ratonga āwhina taketake i te taumata ā-motu, kia nuku atu hoki i te mahi takitahi ki te pānga pāhekoheko a te katoa, hei huringa rautaki matua mō te Rautaki Kaikonihi-Kore. E whakamahia ana te taura pānga pāhekoheko hei whakatinana i te Mahere Rautaki, Whakatinana hoki. E whakaae ana tēnei ko te mahi pāhekoheko me te rangaranga tika i te mahi a te tāngata, tae atu ki ngā rawa, huri noa i Aotearoa, te ritenga tika e tutuki ai Kaikonihi-Kore 2050.

Ko tēnei tikanga te pānga pāhekoheko he tikanga mahi e whakahuia ai ngā kaipupuru pānga huhua kia mahi tahi mō ētahi whāinga me tētahi kaupapa kotahi, mā te whakamahi i ngā herenga o tētahi rārangi kawehi tahi, te inenga ka whakamahia e te katoa, he mahi e tautoko nei tētahi i tētahi, te kōrerorero mutunga kore, me te tautoko i te iwituararo.

I ēnei tau e 3 ka hipa ake nei, kua mahi nui te Pūtahi Kaikonihi-Kore 2050 a Te Papa Atawhai i ngā mātāpono pānga pāhekoheko ki te waihanga hātepe pāhekoheko ā-motu hei:

- > tiri i te mana hautū me te whai wāhanga ki te aronga o Kaikonihi-kore 2050, te pūrākau matua, ngā whāinga rautaki, me te ara whakamua (te rārangi mahi mā te katoa)
- > whakamahine i ngā kawenga mō tēnā kaihapai, mō tēnā kaihapai, kia mārāma te tiro tiro ki ngā hononga i waenga i ngā whāinga rautaki, ngā mahi haumi mātāmua me ngā hōtaka mahi
- > whakapakari i ngā hononga me te ruruku i ngā mahi whakamahere, rangahau, me ngā hōtaka mahi puta noa i ngā hinonga taketake, i waenga hoki i ngā ia mahi Kaikonihi-kore 2050 maha
- > tiri i te kawenga mō te ahunga whakamua ki ngā whāinga me ngā mahi me whakatutuki
- > tiri i ngā akoranga kia haere tonu ai te whakapakaritanga i te hātepe/hōtaka, me ngā ritenga mahi tahi pai ake.

E takahi ana te hātepe pāhekoheko o Kaikonihi-Kore 2050, i ētahi ara hou mō Aotearoa. Ahakoa e haere kē ana ētahi ruruku hinonga kāwanatanga, whakawhanake kaupapa here i tēnei wā, he ruarua noa ngā mahi pēnei o mua i te taumata tārei tikanga rautaki, me te whai wāhi mai o te tini o ngā hinonga me ngā whakahaere kāwanatanga hei whakawhanake hātepe whakamahere, haumi hoki.

He pēhea te whāngai pūtea ki Kaikonihi-Kore 2050?

Ko te Kāwanatanga o Aotearoa te kaihaumi pūtea matua mō Kaikonihi-Kore 2050. I tua atu i āna whāngai pūtea rarahi i ngā rau e 5 ka hipa ake nei, kua whakahāngaitia ētahi atu pūtea kāwanatanga ki tēnei whāinga.

Hei whakapakari hoki tēnei i ngā tūāpapa i poua mai e ngā tāngata me ngā rōpū i mahi nui i tēnei tū mahi, mō te hia ngahuru tau i mua i te whakapuakitanga o Kaikonihi-kore 2050. E whakawhirinaki tonu ana te hōtaka ki ngā mahi ohu o ēnei tūao, whānau, o ēnei hapū, iwi hoki, o ngā kaunihera, umanga, tarahiti, te hunga ngākau atawhai, e tuku noa nei i ō rātou pūkenga, mōhiotanga huhua ki ngā kaupapa mahi, e whakaranea nei hoki i ngā pūtea a te kāwanatanga.

E takoha ana ngā kaunihera ā-rohe puta noa i Aotearoa ki Kaikonihi-kore 2050, mā roto i ā rātou mahi tami kaikonihi o ia rā, o ia tau, i roto i ngā rohe. E matapaetia ana ko te huinga o ngā haumitanga a te kāwanatanga ā-rohe, he neke atu i te \$26 miriona i te tau.

Kua noho ko te NEXT Foundation hei kaitautoko pūmau mō te whāinga Kaikonihi-kore, ā, tae rawa ake ki te marama o Paenga-whāwhā 2021 kua tukua mai tōna \$50 miriona ki ngā kaupapa taiao.

Tērā anō hoki ngā takoha whakamiharo a Jasmine Social Investments, a te Morgan Foundation, a Toi Foundation, a Shell New Zealand, Foundation North, Rātā Foundation, Aotearoa Foundation, Re:Wild, a ngā takoha rāwhara, me ngā tarahiti hapori.

He wāhi nui tō ngā kaunihera ā-rohe i roto i ngā mahi hora kōkiri Kaikonihi-Kore

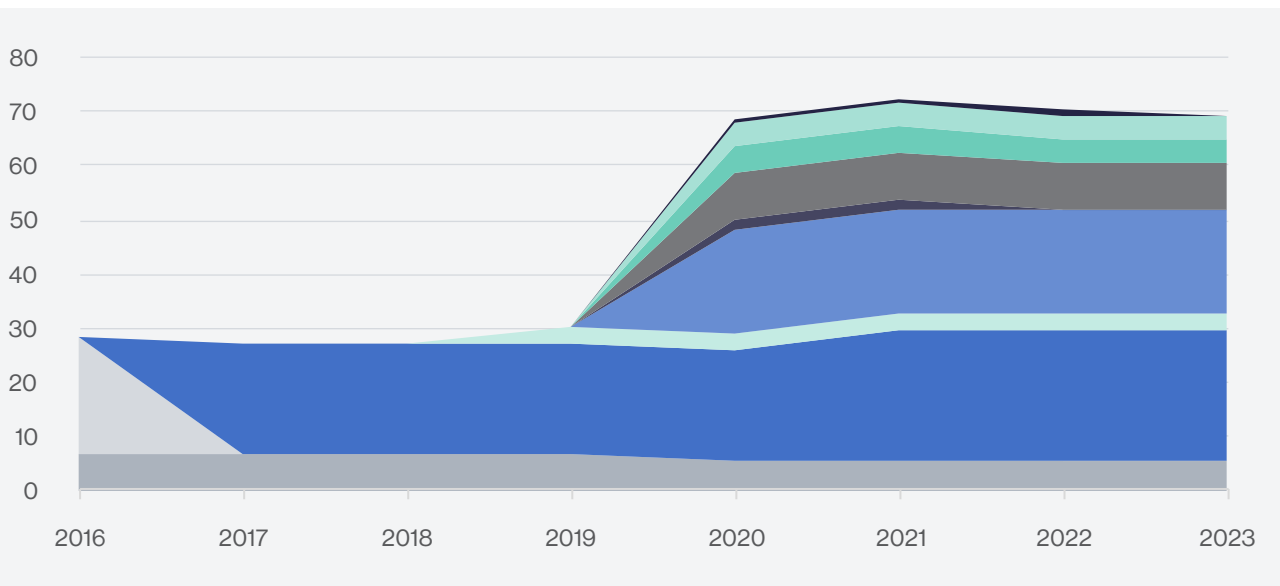
He kaiāwhina nui ngā kaunihera ā-rohe (ngā mana ā-takiwā o tētahi rohe me ngā kaunihera ā-rohe/mana whakakotahi) mō ngā mahi o Kaikonihi-Kore 2050. Ka riro mā ngā kaunihera ā-rohe me ngā mana whakakotahi tonu hei kawē ngā mahi tāmi kaikonihi, tiaki kanorau hoki hei wāhi o ā rātou mahi noa o ia rā. Nā reira, ina whakatūria he kaupapa Kaikonihi-Kore motuhake i ō rātou rohe, kua whakakotahitia ki tētahi rōpū mahi mātāmua o reira.

I roto i ēnei kaupapa, ka mahi te kaunihera ā-rohe hei kaiwhakarite, hei takawaenga hoki i te taumata ā-takiwā i waenga i ngā hinonga ā-motu, te hunga pupuru whenua, te mana whenua, ngā tūao me te haporī o te takiwā. I te taumata ā-takiwā, ka riro tonu mā te kaunihera ā-rohe e paihere ngā rōpū katoa i roto i tēnei kāhui hoa kōtui, ka noho ai hei kahupapa hei whakatū mahi mō te matakite kia Kaikonihi-Kore.

I te taumata ā-takiwā, ka riro tonu mā te kaunihera ā-rohe e paihere ngā rōpū katoa i roto i tēnei kāhui hoa kōtui, ka noho ai hei kahupapa hei whakatū mahi mō te matakite kia Kaikonihi-Kore. E pēnei ana puta noa i te motu katoa, ko tā te Kāwanatanga ā-Rohe he tautoko i ngā kaupapa Kaikonihi-Kore mā te whāngai tika atu i ngā pūtea, hei whakaahua i tō rātou moemoeā kia tutuki ā-takiwā te whāinga mō te motu katoa. I ētahi wā, ka whai wāhi te kaunihera ā-takiwā ki ngā mahi whakahaere, whakatinana hoki, me he pūkenga hāngai motuhake ō rātou, he raukaha hoki/rānei hei āta whakahaere i te horanga o ngā mahi.

Te haumi pūtea a Te Kāwanatanga i ngā kōkiri Kaikonihi-Kore 2050

Kua mahia hoki e te Kāwanatanga ētahi haumitanga hira i roto i te 5 tau ka hipa ake nei e anga nei ki te whakapiki i ngā rawa ka whakahāngaitia ki te whāinga Kaikonihi-Kore 2050.



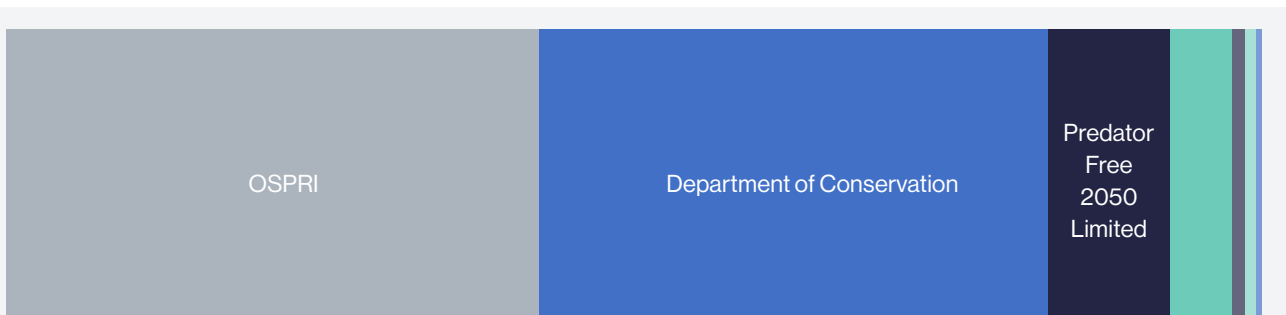
Taitara kaupapa	Hunga whiwhi pūtea	Te Hua \$m
● Accelerating Predator Free New Zealand	Predator Free 2050 Limited	28 + out years
● Battle for our Birds	DOC	21.3
● Expanding Predator Free 2050 capability (including Tiakina Ngā Manu)	DOC	81.28 + out years
● Provincial Growth Fund: Expanding predator control in the regions	Predator Free 2050 Limited	19.5
● Jobs for Nature: Community predator free projects	Predator Free 2050 Limited	76
● Jobs for Nature: Predator Free Apprenticeship Programme	Predator Free New Zealand Trust	4.5
● Jobs for Nature: Raukūmara Pae Maunga Restoration Project	DOC, Ngati Porou and Te Whānau ā Apanui	34.49
● Jobs For Nature: Kaimai – Mamaku Ranges Forest Restoration Project	DOC, iwi/hapū and community	18.51
● Jobs for Nature: Kiwi conservation activities	Kiwis for Kiwi	19.7
● Jobs for Nature: Predator Free South Westland	Predator Free South Westland Limited	3

Hoahoa 3: Ngā haumitanga kāwanatanga ki Kaikonihi-Kore 2050 – 2016/2017 ki 2020/2021.

Ngā whakapaunga ia tau mō ngā mahi Kaikonihi-Kore a ngā hinonga ā-motu

Kua whakapaua e ngā hinonga ā-motu tōna \$75 miriona mō ngā mahi Kaikonihi-Kore ia tau, mō ngā tau e 5 ka hipa ake nei.⁷ Ki tā mātou titiro ka piki pea tēnei rahi i roto i ngā tau ruarua kei mua i te aroaro, nā ngā tahua kua whakaritea mō ngā kōkiri Kaikonihi-Kore rohe whānui.

E whakaaturia ana te taumata hāngai a ngā hinonga ā-motu i roto i ngā tau e 5 i raro iho nei. E whāngaia ana Te Papa Atawhai, Predator Free 2050 Ltd, Manaaki Whenua – Landcare Research, Biological Heritage National Science Challenge, Toitū Te Whenua Land Information New Zealand, Tatauranga Statistics NZ, Te Manatū Ahu Matua, Te Mana Rauhi Taiao, me te Manatū Taiao e Te Kāwanatanga. E wāhia ana te whāngai moni a OSPRI kia 60/40, i waenga i te takoha kaimahi ahuwahua me te kāwanatanga. E whāngaia ana a Predator Free New Zealand Trust e tētahi huinga o ngā takoha nā te kāwanatanga, nā ngā kōtuinga pakihi, me ngā rōpū atawhai.



Taketake

- OSPRI
- Department of Conservation
- Predator Free 2050 Limited
- Manaaki Whenua – Landcare Research
- Government agencies
 - > Environmental Protection Authority
 - > Ministry for Primary Industries
 - > Ministry for the Environment
 - > Land Information New Zealand
 - > Stats NZ
- Biological Heritage National Science Challenge
- Predator Free New Zealand Trust

Hoahoa 4: Te taumata ina whakaritea o te haumitanga ki ngā mahi kaikonihi-kore.

⁷ Toharite ā-tau tōpū matapae, nā runga i ngā raraunga kua kohia i roto i te tāreitanga o tēnei pūrongo.

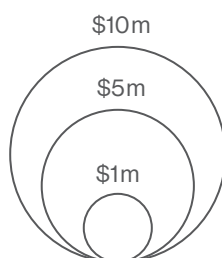
Ngā kōkiri ā-rohe nā Predator Free 2050 Limited i tautoko

E āwhina ana Predator-Free 2050 Limited i te hononga o ngā kōkiri kaikonihi-kore huri noa i Aotearoa, me ngā whāngaiinga tahua, tautoko hoki a te Karauna. I roto i ngā tau e 5 ka hipa ake nei, kua mahi kōtui a Predator-Free 2050 Limited ki te huhua o ngā rōpū, ki te kāwanatanga matua, ā-rohe hoki, ki ngā hinonga atawhai, ki ngā umanga, ki ngā rōpū hāpori, ki te whānau, te hapū me te iwi ki te whakarewa i ētahi kōkiri haepapa kaikonihi rohe-whānui 15 (i te 14 o Paenga-whāwhā 2021).

He tika kia rereke te huarahi mahi mō ia kōkiri, nā te takoto o te whenua, o ngā pūnaha hauropi me ngā momo e whāia ana i tēnā rohe, i tēnā rohe. Inā te pūnaha pāhekoheko o te whāngai moni, me ngā kaipāhekoheko tuku rawa, mō ia kōkiri, kei te whakaahua i raro iho nei.⁸ Kāore ngā takoha ehara i te moni i whakaaturia hei pūtea tāra, engari he mea taketake ēnei takoha mō ngā kaupapa rohe whānui rahi.

Ki Pūtea

- Ngā Kaunihera
- Ngā Kaiahuwhenua
- Te Hunga Ngākau Atawhai
- Te Kāwanatanga
- Ētahi atu



Predator Free 2050 Limited

He mea waihanga a Predator Free 2050 Limited hei whakahohoro i te maha o ngā kaupapa haepapa kaikonihi rohe whānui, hei akiaki hoki i ngā kōkiri turaki maioro, mā te whakaranea i ngā haumitanga Karauna e tōia mai ai he pūtea tāpiri i ngā rōpū āwhina tangata tūmataiti. Nā ōna hātepe whakaputa karanga, me āna mahi takawaenga kirimana whakatō moni i tōia mai ai ētahi atu kaihaumi, whakahaere hoki ki roto ki ētahi atu kaupapa ruruku 19, nā ngā kaunihera, nā ngā tarahiti hāpori me ngā hinonga ā-iwi i hautū, puta noa i ngā heketea 730,000, he whenua tūmataiti te nuinga. Nā ngā rautaki rangahau, mahi whāngai pūtea hoki a Predator Free 2050 Limited kia whakahihikotia ētahi atu mahi paheko rangahau unahi nui, i puta ai te huinga ira katoa mō ngā kiore kaipuke me ngā toriura, he āheinga kite kirearea hou, me te pitomata mō ētahi tikanga whakahaere raraunga pai ake. Nā tōna kōkiri Products to Projects kua whakahohorotia te wātea ki te ao o ana taputapu haepapa, aroki-te-ārai hou. Kua oti hoki tētahi hōtaka whakawhanake pūmanawa, tautoko kaupapa ao-whānui, hei whakapiki i ngā mahi rangahau, whakahaere hoki, hei akoako hoki i ngā kaihaumi hou ki te whāinga Kaikonihi-Kore 2050 ki ōna painga.

⁸ Kāore ngā kaupapa e whai ake nei i uru mai, ina hoki, kei te whakamahere noatia ngā āhuatanga tuatahi i tēnei wā – Predator Free Southland, te kaupapa o Tū Mai Toanga project (Aotea/Great Barrier Island), te kaupapa o Te Urewera mā Tūhoe e ārahi (ngā moutere me ngā kūrae huri noa i Waikeremoana).

Predator Free Whangārei

Ngā kaitautoko



Predator Free 2050 Limited
(\$6m i roto i te 5 tau)

- > Community conservation groups
- > Department of Conservation



Northland Regional Council
(\$1.3m)

- > Kiwi Coast
- > Whangārei District Council

Kaihautū Kaupapa

Northland Regional Council

Te Korowai o Waiheke – Towards Predator Free Waiheke

Ngā kaitautoko



Predator Free 2050 Limited
(\$2.6m i roto i te 7 tau)
(\$0.7m mai i Jobs for Nature)



Auckland Council (\$3.39m)

- > Backyard and community groups
- > Department of Conservation
- > Donors
- > Fullers
- > Giltrap Motors
- > Lasso Media
- > Man o War Station
- > Minter Ellison
- > Pest control contractors



Foundation North (\$0.875m)

- > Rarowhara
- > Technical Advisory Group
- > Waiheke businesses
- > The Waiheke Collective
(kei roto nei ngā rōpū atawhai i te taiao, ngā whakahaere, ngā iwi whai mana whenua, me te hunga takitahi)
- > Waiheke High School
- > Waiheke Local Board

Kaihautū Kaupapa

Te Korowai o Waiheke Trust

Ngā Hoa Kōtui Māori

- > Ngāti Paoa

Korehāhā Whakahau

Ngā kaitautoko



Predator Free 2050 Limited
(\$2.4m i roto i te 5 tau)

> Department of Conservation



Jobs for Nature
(\$2.5m mai i
Kaimahi for Nature fund)

> Ngāti Awa Group Holdings

Kaihautū Kaupapa

Te Rūnanga o Ngāti Awa

Predator Free Hawke's Bay – Whakaorangia Te Matau-a-Māui

Ngā kaitautoko



Predator Free 2050 Limited
(\$1.62m i roto i te 4 tau)



Aotearoa Foundation (\$0.665m)



Department of Conservation (\$0.4m)



Zero Invasive Predators (\$0.03m)

> Biological Heritage
National Science Challenge



Hawke's Bay Regional Council
(\$3.23m)



Manaaki Whenua –
Landcare Research (\$0.6m)



Maungaharuru Tangitu (\$0.06m)



Farmers (\$0.12m)

> Whangawehi Catchment
Management Group

Kaihautū Kaupapa

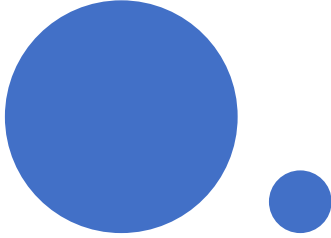
Hawke's Bay Regional Council

Ngā Hoa Kōtui Māori

- > Te Kōpere o te iwi o Hineuru Trust
- > Maungaharuru Tangitū Trust
- > Ngāti Pāhauwhera Development Trust
- > Rongomaiwahine iwi

Towards Predator Free Taranaki – Taranaki Taku Tūranga

Ngā kaitautoko

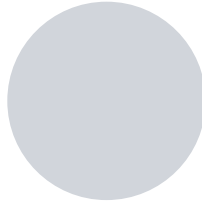


Predator Free 2050 Limited
(\$11.7m i roto i te 5 tau)
(\$0.75m mai i Jobs for Nature)



Manaaki Whenua –
Landcare Research (\$0.3m)

- > Department of Conservation
- > Federated Farmers
- > Stratford District Council
- > South Taranaki District Council



Taranaki Regional Council (\$8.5m)



New Plymouth District Council
(\$0.41m)

- > Taranaki Mouna Project
- > Wild for Taranaki
- > Zero Invasive Predators

Kaihautū Kaupapa

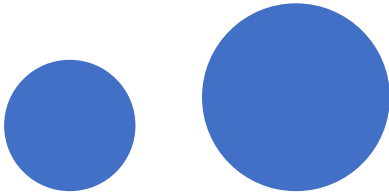
Taranaki Regional Council

Ngā Hoa Kōtui Māori

- > Ngāruahine
- > Ngāti Maru
- > Ngāti Mutunga
- > Ngāa Rauru
- > Ngāti Ruanui
- > Ngāti Tama
- > Taranaki Iwi
- > Te Āti Awa

Predator Free Wellington

Ngā kaitautoko



Predator Free 2050 Limited
(\$3.725m i te 2018)
(\$7.6m mai i Jobs for Nature)



Greater Wellington Regional Council
(\$2.6m)



Wellington City Council (\$2.6m)



New Zealand Lottery
Grants Board (\$0.25m)

- > 36 ngā rōpū tārore kāinga noho (e kawe ana i te kaupapa i ngā takiwā tāone 50, me ētahi kura 32 whai wāhi ki te kaupapa whakamātautau mō ngā kura)
- > Capital Kiwi
- > Forest & Bird
- > Manaaki Whenua – Landcare Research



Wellington Community Trust
(\$0.025m)

- > NEXT Foundation
- > Papa Taiao
- > Victoria University of Wellington
- > Wellington Airport
- > Zealandia

Kaihautū Kaupapa

Predator Free Wellington Ltd

Ngā Hoa Kōtui Māori

- > Ngāti Toa Rangatira
- > Taranaki Whānui ki Te Upoko-o-Te-Ika-a-Māui

Capital Kiwi

Ngā kaitautoko



Predator Free 2050 Limited
(\$1.1m)



Wellington Community Trust (\$0.5m)



Philanthropy (\$0.65m)



Kiwis for Kiwi (\$0.25m)



Wellington City Council (\$0.1m)



Department of Conservation
(\$0.03m)

- > Community groups
- > Greater Wellington Regional Council

- > Goodnature
- > Landowners
- > Meridian Energy

Project lead

Capital Kiwi Trust

Ngā Hoa Kōtui Māori

- > Ngāti Toa Rangatira
- > Taranaki Whānui ki Te Upoko-o-Te-Ika-a-Māui

D'Urville Island project – Rangitoto Birdsong

Ngā kaitautoko



Predator Free 2050 Limited
(\$0.975m i roto i te 5 tau)



Marlborough District Council (\$0.5m)



Rātā Foundation (\$1m)



NZ Lotteries Grant Board (\$0.31m)

- > Department of Conservation

- > Landowners

Kaihautū Kaupapa

D'Urville Island Stoat Eradication Charitable Trust (DISECT)

Ngā Hoa Kōtui Māori

- > Ngāti Koata

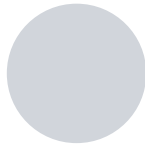
Predator Free Lake Brunner – Rerenga ki taonga o ngā manu ki Kotuku Moana

Ngā kaitautoko



Predator Free 2050 Limited
(\$4.4m mai i
Provincial Growth Fund)

- > Community groups
- > Department of Conservation
- > Lake Brunner Community
Catchment Care Group



West Coast Regional Council
and partners (\$4.2m)

- > Local farmers
- > OSPRI
- > Tai Poutini Polytechnic
- > Zero Invasive Predators

Kaihautū Kaupapa

West Coast Regional Council

Ngā Hoa Kōtui Māori

- > Te Rūnanga o
Ngāti Waewae

Pest Free Banks Peninsula – Te Pātaka o Rākaihautū

Ngā kaitautoko



Predator Free 2050 Limited (\$5.11m)



Department of Conservation
(\$1.28m)

●
Merrell (\$0.05m)

- > The Cacophony Project
- > Living Springs



Environment Canterbury (\$2.25m)



Christchurch City Council (\$0.2m)

- > Rod Donald Banks
Peninsula Trust
- > Selwyn District Council
- > Summit Road Society

Kaihautū Kaupapa

Banks Peninsula
Conservation Trust

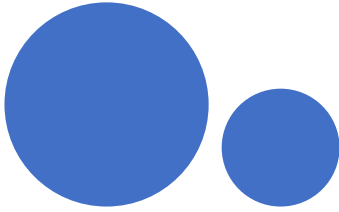
Ngā Hoa Kōtui Māori

Ngāi Tahu rūnanga:

- > Ōnuku Rūnanga
- > Te Hapū o Ngāti Wheke
(Rāpaki) Rūnanga
- > Te Taumutu Rūnanga
- > Te Rūnanga o Koukourarata
- > Wairewa Rūnanga

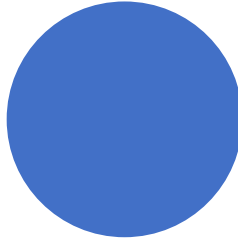
Predator Free South Westland

Ngā kaitautoko



Department of Conservation (\$9m)
(\$3m mai i Jobs for Nature)

- > Jasmine Social Investments
- > Jobs for Nature
- > NEXT Foundation



Predator Free 2050 Limited
(\$12m i roto i te 5 tau)

- > OSPRI
- > South Westland community
- > Zero Invasive Predators

Kaihautū Kaupapa

Predator Free
South Westland Ltd

Ngā Hoa Kōtui Māori

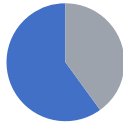
- > Te Rūnanga o Makaawhio

Predator Free Dunedin

Ngā kaitautoko



Predator Free 2050 Limited
(\$4.33m i roto i te 5 tau)
(\$0.15m mai i Jobs for Nature)



OSPRI (\$3m)



Dunedin City Council (\$1.8m)



Otago Regional Council (\$1.5m)

- > Blue Penguins Pukekura
- > Department of Conservation
- > Dunedin Amenities Society
- > Forest & Bird
- > Landscape Connections Trust
- > Manaaki Whenua – Landcare Research
- > Open Vue
- > Orokonui Ecosanctuary

- > The Otago Chamber of Commerce
- > Otago Peninsula Biodiversity Group
- > Otago Polytechnic
- > Quarantine Island - Kamau Taurua
- > Save the Otago Peninsula Inc.
- > University of Otago
- > Wild Dunedin
- > Yellow-eyed Penguin Trust

Kaihautū Kaupapa

Predator Free Dunedin
Charitable Trust

Ngā Hoa Kōtui Māori

- > Kāti Huirapa Rūnaka ki Puketeraki
- > Te Rūnanga o Ngāi Tahu
- > Te Rūnanga o Otakou

Te aromatawai i te ahunga whakamua ki ngā whāinga tārewa

Na te roa o te wātaka mō Kaikonihi-Kore 2050, i whakatauria ētahi whāinga tārewa e whā i te tau 2016, hei hora ara mō ēnei tau kei mua tata, ā, i tāpiritia ētahi atu whāinga e toru i te tau 2020. E pā ana ngā whāinga ki ngā wāhanga maha o te hōtaka, ā, hei waitohu ēnei i te wāhi hei aronga atu mō ngā mahi matatini, ka pēhea te whāinga hua o te haepapa i waho i ngā whenua whāomoomo (hei tauira, i ngā pāmu me ngā tāone), me te whakaū tikanga e whai wāhi mai ai te whānau, te hapū me te iwi mā te arataki i ā rātou kaupapa, mahi kōtui anō hoki.

Ko tētahi o ngā mahi matua o tēnei pūrongo he aromatawai i te ahunga whakamua tae mai ki tēnei wa, me te hora tūtohu tōmua mehemea ka tutuki ngā whāinga i te hōtaka Kaikonihi-Kore, i mua i te tau i tautohutia i 2050. Kua whakaurua hoki ki roto he whiringa mō ngā mahi e tika ana hei whakaū i ngā hua kua puta, hei kawē whakamua hoki i te kaupapa, ki te aromatawai.

Whakatūtika

- Whakapiki tāmitanga mā te 1 miriona heketea.

Whakamanawatia

- Kua haepapatia te paihamu, te whānau tori rānei i tētahi tāone nui o Aotearoa.
- E wātea ana he taputapu, he mātauranga whaihua hei whakatutuki i te haepapa kaikonihi i te whenua pāmu.
- Ka ārahi te whānau, te hapū, te iwi hoki i ngā kaupapa haepapa e rima, kāore e iti iho.

Whakaauhangia

- Ka tutuki te haepapa kaikonihi i ngā wāhi kore taiepa tae atu ki te 20,000 heketea i Aotearoa ake, ka āraia hoki kei whakaeke anō.
- Ka taea e tētahi rongoā pūtaiao hou te haepapa i tētahi kaikonihi whāngote i te tuawhenua o Aotearoa.

Whakahohorotia

- Kua haepapatia katoatia nga kaikonihi whāngote i ngā moutere o te moana o Aotearoa kore tangata.

Taketake

- kua tutuki
- kei te ara tika e tutuki ai
- e kore e tutuki
- kīhai i aromatawaia

Hoahoa 5: He aromatawai rāpopoto o te ahunga whakamua, i runga i ngā whāinga tārewa.

Te Whāinga: Hei te 2025, kua eke ki te 1 miriona heketea te pikinga ake (i ngā maha i roto i ngā tatauranga o 2016) te takiwā o te tuawhenua o Aotearoa kei reira e āraingia ana e tātou te kaikonihī, nā ngā kaupapa Kaikonihī-Kore 2050.

Te Aromatawai

Kua taea tēnei whāinga tārewa nā te tuinga o te whakapikinga o ngā heketea e tāmia tonutia ana te paihamu e Te Papa Atawhai, me ngā kaupapa a Predator Free 2050 Limited – huia katoatia, 1,083,767 heketea te pikinga ake. Kei waho i tēnei tātainga ngā rohe e tāmia tonutia ana ētahi atu momo kaikonihī e Te Papa Atawhai, waihoki ngā mahi tāmi kaikonihī i raro i ētahi atu whakahaere, hinonga rānei pēnei i OSPRI, ngā kaunihēra ā-rohe, ngā rōpū hāpori rānei, te tikanga o tēnei tērā noa ake pea te pikinga tōpū o ngā takiwā e tamia tohutia nei ngā kaikonihī mai i 2016.

E ai ki ngā raraunga mai i ngā pūrongo ā-tau a Te Papa Atawhai, i ngā tau 2015/2016, i kawea ngā mahi tāmi paihamu i ngā heketea 773,233.⁹ I te mutunga o te tau i mutu ake i te 30 Pipiri 2020, ko taua inenga kua piki ki te 1,576,000 heketea. Te tikanga o tēnei, tērā tōna 802,767 heketea tāpiri e kawea nei ngā tāmitanga paihamu e Te Papa Atawhai, mai i 2015/2016 – ā, ko te nuinga o tēnei pikinga ake nā te haumitanga kaha ake ki te hōtaka tāmi kaikonihī e kīa nei ko Tiakina Ngā Manu. Mai o tōna whakatūranga i te tau 2016, kua haumi a Predator Free 2050 Limited ki ētahi kaupapa haepapa kaikonihī, tāmi kaikonihī rohe whānui, puta noa i te motu. I te marama o Haratua 2021, e 281,000 heketea e kawea ana ngā tāmitanga kaikonihī tūmau, mā roto i ngā kaupapa e whai wāhi nei a Predator Free 2050 Limited.¹⁰

Te Horopaki

Te kaupapa kei muri i tēnei whāinga, he whakaū i tā tātou tiaki i ngā takiwā me ngā momo e tino mōrearea ana, ko te whakaaro, kia 'nui ngā mahi ka oti i roto i te wā poto, kei waipuketia tātou e te takanga o te wā i ngā hangarau nei e whakawhanaketia ana.

Ahakoia ko te whāinga whakamutunga o te Kaikonihī-Kore he haepapa i ngā kaikonihī katoa, he mea nui te tāmitanga i ēnei tau nei. Tā tēnei hanga he whakaū tikanga e whakaaro ai tātou mō te ūnga ki uta – ngā mea e hiahia nei tātou kia whakaorangia, me te whakaū tikanga e noho mai ai he taupori hauora, e puāwai mai he taupori hou i ētahi atu wāhi ina noho kaikonihī-kore.

Me kī, ko tōna tikanga ngāwari rawa he whakaheke, he whakahaere rānei i te maha o ngā kaikonihī (me ngā pānga) me te tāmi kaikonihī kia kaua ai e piki ki runga i tētahi taumata i āta whakaritea. Tētahi herenga o te tāmitanga, me mahi pūputu (arā, me anga ki te hoki anō ki te whakatikatika anō i tētahi takiwā).

Hei ngā tau e inati ai te matomato me tino aro nui ki te āheinga kia tāmi, ina hoki, ka waipuke mai te maha o ngā kaikonihī i aua tau, waihoki ngā pānga ki ngā ngahere me ngā kararehe māori. Mā te tāmi ka āhei tātou ki te pēhi atu i ēnei waipuketanga.

⁹ Te Papa Atawhai Department of Conservation. E wātea ana ngā pūrongo ā-tau ināianei i www.doc.govt.nz/annual-reports.

¹⁰ I takea mai ēnei raraunga i te pae tukutuku o Predator Free 2050 Limited, i www.pf2050.co.nz.

Atu i tēnei rā me haere ki hea

Hāunga te tāmitanga, ehara te haepapa i te tāmitanga kaha noa iho – ko tōna whāinga kia haepapatia rawatia ngā kaikonihī katoa. Ehara i te mea ka taea te whakamahi ngā tikanga hei tāmi hei whakahaere rānei i ngā kaikonihī te whakapiki noa kia haepapatia te taupori. He tino rerekē ngā tauira e rua, arā, te tāmitanga me te haepapatanga, ā, me rerekē ngā tikanga whakamahere, whāngai pūtea hoki ki ngā mea e rua.

I te whakaritenga o te whāinga, i whakaarotia me homai tētahi 1 miriona heketea tāpiri, whakapiki atu, whakapiki atu, hei rahi tōtika e 'mau ai te taura' kia kaua e hāngengangenga te tū ki ngā kaikonihī, me te kaupare i ā tātou momo taonga, i a tātou e whakawhanake rautaki nei mō te haepapa. I tēnei wā, i runga i te mōhio kua tutuki te whāinga, he wā tika tēnei mō te hōtaka Kaikonihī-Kore, otirā te rōpū pāhekoheko 'Te nuku i te tāmitanga ki te haepapa', kia tirohia tēnei o ngā whakaritenga, kia whakaarotia anō he aha te taumata pai rawa mō te tāmi kaikonihī, mehemea hoki he tika kia noho hei whāinga mātāmua ngā wāhi e arongia ana i tēnei wā.

Ki te kitea e tēnei tūhuratanga kua eke tā tātou whakakapi tāmitanga i ngā rohe ki te taumata tika (hei tauira, ērā e noho tino mōrearea nei), he tino tika pea te pupuru i tēnei taumata tāmitanga, me waiho pea te whakapiki. Ka taea ngā haumitanga ā ngā rā e tū mai nei te whakahāngai ki ētahi atu wāhi o te Rautaki, me ētahi atu whāinga tārewa kāore anō kia tutuki.



E tiro ana a Fergus Sutherland i tētahi tāwhiti i te punanga mō ngā hoiho i Te Rere, i te Catlins. *Whakaahua: Forest & Bird*

Te Whāinga: Hei te 2025, kua whakaaturia ka taea te ārai kaikonihī i ngā wāhi o te tuawhenua o Aotearoa he 20,000 heketea te rahi, ā, ka taea hoki te kaupare tonu i te hokinga mai o te kaikonihī ahakoa kāore he taiepa i whakamahia.

Te Aromatawai

I runga anō i te ahunga whakamua tae mai ki nāianei, me ngā kaupapa whai pitomata kei mua tata, kua tata tēnei whāinga te whakatutuki i mua i te tau 2025. Kua tutuki te haepapatanga paihamu, toriura, (me ngā kiore kia tino iti noa te maha) i te whakamātautau kaupapa a Zero Invasive Predators (ZIP) Perth River, i tētahi takiwā 12,000 heketea te rahi.

Kua tū ā-tutuki te haepapatanga paihamu i Te Māhia, i Whakatipu Māhia Peninsula (14,500 heketea) i mua i 2022. He mea taketake te kaha o ēnei kaupapa ki te ārai i ēnei wāhi i te whakaekenga anō i roto i ngā tau, mō te whakatutuki i tēnei whāinga tārewa.

Te Horopaki

E mōhio ana tātou ka taea ngā moutere kaikonihī-kore i te moana me ngā punanga whai taiepa te tiaki kia kore ai e whakaekea anō. Ko tā mātou haepapatanga rahi rawa tae mai ki tēnei wā ko te moutere o Motu Ihupuku/Campbell Island, 12,000 heketea te rahi. Ko tēnei mahi kei te hiki i te hoenga kei mua – he whakatutuki i te haepapatanga i Aotearoa, me te tiaki i tērā kāore he taiepa. Ko te wero nui o tēnei whāinga, he waihanga i ngā tikanga whakarahinga me ngā tikanga ārai kei whakaekea anō.

I kōwhiria te riu o Perth River e ZIP hei takiwā whakamātautau mō te 'haepapa, ārai hoki' nā ngā taupā i te taha o ana awa tere. Ka puta ētahi akoranga i tēnei kaupapa i Predator Free South Westland mō te wāhanga mahi ka whai i muri, e whakawhānuitia ai tēnei rohe ki te 100,000 heketea i roto i ngā tau e tū mai nei. Ka taea te hoatu ngā akoranga ka puta i te hoahoatanga me te whakamahere o te kaupapa o Maukahuka Pest Free Auckland Island, 50,000 heketea te rahi, ki ngā takiwā rohe whānui o te tuawhenua.

Tērā anō hoki ētahi atu kaupapa e whakaranea nei i te mōhioatanga mō ngā tauārai i te whakaekenga anō. E whakamahia ana e Predator Free Wellington tētahi tauārai mariko, ko tētahi taupā ko te ara rererangi i te tauranga rererangi o Pōneke, he puna māunu i reira, he rārangi toromāhanga hoki kei ngā takiwā kāinga noho i te taha, ā, i tētahi atu pito o te tāone, kei te whakamātautau a Capital Kiwi i tētahi tauārai, he maha ōna whatunga toromāhanga, puta noa i te kūrae katoa.

Kua oti tētahi tauārai mariko te hoahoa i te kaupapa o Taranaki Taku Tūranga, i Pukeiti, i ngā pīnanakitanga o Taranaki, me tana whakamahi i ngā toromāhanga 1,300 hei kapa ārai tuatahi, kia kore ai te paihamu e hoki mai. E tūhura ana Te Manahuna Aoraki i te riu whakarunga o Waitaki me te Whenua Rāhui o Aoraki i te whakamahinga tauārai o te whenua ake, pēnei i ngā tuahiwi maunga me ngā awa rerenga wai. E mahi tahi ana a Manaaki Whenua – Landcare Research me ēnei kaupapa, e hoatu ana hoki i ngā rangahau hangarau hei whirinakitanga mō ngā whakatau mō ngā mahi.

Atu i tēnei rā me haere ki hea

Ko te whāinga kei mua mō Kaikonihi-kore 2050, he whakarahi ake i ngā takiwā, he haepapa, he ārai hoki i aua wāhi kāore he taiepa – koia tēnā tētahi aronga taketake i muri i tēnei whāinga. E toru ngā hōtaka mahi e whakamaheretia ana hei whakatika i te whakarahinga me ngā tikanga ārai kei whakaekea anō: Ko Predator Free South Westland, Predator Free Rakiura/Stewart Island me Farms as Barriers.

Ina tāpiritia te kāuru o Te Whataroa ki te takiwā o te riu o Perth Valley, ka whakawhānutia ki te 20,000 heketea neke atu, ā, ko te hipanga whai i muri tēnei mō te haepapa i ngā momo takiwā 100,000 heketea te rahi neke atu – e taea ai te kaikonihi te haepapa i Aotearoa katoa. Ka uru ki te kaupapa katoa o South Westland tētahi 100,000 heketea neke atu, ā, e whakahaeretia ana e Predator Free South Westland, he kamupene mahi aroha e mahi tahi nei me ZIP. Ka whakamahi tēnei i tētahi huarahi 'whakahaere urutau' e ako ai, e tārei ai tō rātou tira kaupapa i ā rātou tikanga, i a rātou e mahi ana.

I whakarewaina te kaupapa haepapa i ngā kaikonihi i Rakiura/Stewart Island (160,000 heketea) i ngā marama whakamutunga o te tau 2020. Ka whakamahia e tēnei kaupapa tētahi ara hoahoa i mua i te whakamahere, ko ōna pou ko ngā whakamātautau i te takiwā, me te whakamahere hoahoa, hei whakaheke i te rangirua, hei whakawhanake hoki i tētahi mahere mahi, e mōhiotia ana ka puta tētahi hua nui. Ina hoki, he kāinga noho a Rakiura nō te 400 tāngata, neke atu, nā reira me mātua tautoko te hāpori, me piki hoki te whakapono ki te kaupapa.

He whai take ngā ara e rua, tō South Westland (te whakahaere urutau) me tō Rakiura (te hoahoa ka hoatu i muri), ā, mā ngā hua ka taea e mātou te whakawhanake tauira hora pai rawa mō te haepapa takiwā whānui i te tuawhenua ā tōna wā.

Ko te āheinga kia āraia ngā takiwā haepapa tētahi mea taketake mō te pupuru i ngā hua, me te kite i tētahi painga mō ngā haumitanga. Ki te kore e taea e tātou te ārai i ngā takiwā, kāore e tika te whakapau moni hei haepapa kakonihi, nā te mea, ka tupu anō i reira. E rua ngā ara e whakanaketia ana e ngā kaupapa o South Westland me Farms as Barriers.

Kei te whakamātautau a South Westland i te whakamahinga o ngā āhuetanga ahunuku pēnei i ngā awa hohoro o Te Tai Poutini, Kā Tiritiri o te Moana/the Southern Alps, me ngā tai matapari (fiord) hei tauārai. Mā tēnei tikanga ka taea ngā pūnaha ngahere inakinaki rahi o Te Tai Poutini me Te Whakatakaka-o-kā-kārehu-o-Tamatea (Fiordland) te wāwāhi hei wehenga tōtika mō te araturuki, me te urupare ki ngā whakaekenga anō. He tikanga tēnei ka pai i ōna rohe ahunuku anō e tika ana mō ēnei momo mahi, otirā, e kore e taea tēnei tikanga te kawē ki te nuinga o te motu.

Ko te ara tuarua ko Farms as Barriers. He kaupapa pūtaiao e whakatinanatia ana tēnei, he mea whāngai ki te pūtea e te Biological Heritage National Science Challenge me Te Papa Atawhai hei whakawhanake taputapu haepapa mō ngā whenua pāmu, e puta ai hoki he tauārai ki te nekehanga kaikonihi (arā, mā ngā hangaroto haepapa e patu ngā kaikonihi whakaeke i mua i tōna āhei kia whakawhiti i ngā whenua pāmu ki tētahi atu taha). E tūmanakotia ana kia puta he tauira mahi hei kawē whānui ki te ao tūturu i roto i te 5 tau. Mā konei ka taea te kaupare i te tini o ngā wāhi ngahere rahi, he whenua pāmu kei ngā taha, i Te Ika-a-Māui, i Te Waipounamu, me Murihiku.

Me waihanga ngātahi tōna whakarahinga me ngā tikanga ārai kei whakaekea anō. Ko ēnei kaupapa hei tētahi matapae 5-tau, ā, ki te tutuki ēnei ka whai taputapu mātou hei whakarewa mahere haepapa i te nuinga o Aotearoa.

He mātai tūāhua:

Mai i Te Ārai Kīrearea ki te Haepapa i ngā Kaikonihi

He huringa tēnei atu i te pēhitanga tonutanga o ngā kīrearea, arā, te whakatōmuri tonu, ki te haepapa ruruku me te hono takotoranga-whenua tēnei nukuhanga, ā, ka wātea a Aotearoa i ēnei kaikonihi mō āke tonu atu.

I whakatūria a Zero Invasive Predators Ltd (ZIP) i te tau 2015 e ōna kaiwhakatū kōtui tuatahi, e Te Papa Atawhai me NEXT Foundation, hei kōkiri whakamua i ngā rangahau me ngā whakawhanaketanga e hiahiatia ai hei haepapa i ngā kaikonihi, me te ārai i a rātou kia kua ai e whakaeke anō i aua wāhi. Kua whakatupuria e ZIP tētahi ara whakahaere urutau hohoro hei whakamātautau i ōna hangarau, e puta ai he auahatanga i runga i te kakama.

Ko tō rātou whāinga he whakawhanake hangarau kia whakatūria wawetia, hangarau auaha, hangarau pakari te tautoko, hei whakakorehāhā rawa i te kiore, i te paihamu me te toriura i ngā rohe nunui o te tuawhenua, me te ārai i te hokinga mai o te kaikonihi ki aua wāhi. Nā tēnei ara mahi kua tutuki tētahi kaupapa i te riu o te Awa o Perth i South Westland, arā, kua whakakorea te paihamu me te toriura i ngā heketea 12,000 o te tuawhenua pāhiwihwi, nā te hoatu i te taurira 'me haepapa, me ārai', kei roto nei ngā ritenga e whai ake nei:

- > **He pēhi rawa i te hokinga mai anō mā te whakatū tauārai kaikonihi.** Nā ngā rangahau a ZIP (he mea tautoko e OSPRI) i whakaū, ka taea te nekehanga paihamu te ārai e tēnei mea te awa. He rangahau taketake tēnei mō ngā kaupapa haepapa rohe whānui, me te whakamahi tauārai i te taiao hei ārai i te hokinga mai o ngā kaikonihi ki te rohe.
- > **He haepapa rawa i ngā kaikonihi i te wāhi e tiakina ana (i muri i aua tauārai).** E whakamātauria ana anō hoki e ZIP i ēnei rā tōna ara '1080 to Zero', e whakamahi nei i te tāoke 1080 (i tēnei wā koinei te taputapu tāmi kaikonihi rohe-whānui e whakamahi nuitia

ana) engari ko āna tikanga mahi he haepapa rawa i ngā kaikonihi i tētahi takiwā. I muri i ngā mahi ā-waka topatopa ka whai i muri ko ngā ara i te whenua tonu, ko te tārore tērā, ko te whakangau tērā, ko ngā puna māunu ā-takiwā tērā. Ko tētahi whakaaro kei muri, kia oti katoa te wāhi te haepapa ōna kaikonihi, e kore tātou e mate kia hoki anō ki te whakataka pūranga rahi o te 1080 i te takiwā o te kaupapa. Ko te whakaaro ka taea te 1080 te whakamahi hei tikanga takitahi hei haepapa rawa i te kaikonihi, me te waiho i tōna whakamahinga auau i muri hei tāmi i aua kaikonihi, he tino whakaaro pai ki ētahi tāngata. I ngā whakamātautau i te takiwā i te riu o Perth River, kua kitea e ZIP ētahi hua mō te haepapa i te paihamu me te toriura mā te whakamahi i tēnei taurira, ā, e ahu whakamua ana hoki te haepapa i ngā kiore whakamutunga kei reira anō hoki

- > **He kite i ngā kaikonihi kei te ora tonu me te haepapa i ēnei kaikonihi i mua i te āhei kia tupu anō te taupori kia hauora.** Kua tutuki hoki i a ZIP ētahi o ana whāinga mō te whakawhanake taputapu pūrongo mamao kia pai ai te urupare wawe ki ngā pokanoatanga mai, kia tiakina rawatia ai ēnei takiwā haepapa kaikonihi. He taurite tonu te hira o te whakaiti rawa i te whakaekenga anō, me te tika o te urupare, ki te whāinga tuatahi o te haepapa i ngā kararehe katoa. He wāhanga tēnei me aro nui tonu te hōtaka Kaikonihi-Kore katoa

E arotahi ana a ZIP ki te rangahau me te whakawhanake, te whakamātautau me te hoatu i ngā taputapu me ngā tikanga hou mō ēnei whakaritenga mahi katoa. He mea hira tā rātou mahi i te takiwā o te riu o Perth River, e mōhio ai tātou he aha ngā ara tika hei haepapa kaikonihi i te tuawhenua, hei ārai hoki i te takiwā kei whakaeke anō.

Te Whāinga: Hei te 2025, kua haepapatia katoatia ngā kaikonihī whāngote i ngā moutere o Aotearoa kāore he tangata.

Te Aromatawai

He matahuhua te kanorau koirā o ngā moutere i te moana, ā, hei kāinga ēnei mō te tini o ngā momo māori e kore e kaha ki te noho i te tuawhenua, kei reira te tini o te kaikonihī. Kei ngā moutere o te moana tētahi whāinga wāhi kia whakahaeretia ēnei wāhi – he taupā māori ōna, ka taea te ārai – i roto i ngā herenga o ngā hangarau o nāianei. Neke atu i te 110 ngā moutere kore-tangata e noho kaikonihī-kore ana i tēnei wā, ā, kei runga rawa atu tō tātou mōhio ki ngā haepapatanga kaikonihī i waenga i ngā whenua o te ao. Ahakoa tērā, e kore e tutuki tēnei whāinga tārewa hei te taenga ki 2025, nā te rahi tonu o ngā moutere i te moana e toe ana, me te wā ka pau i te haepapa rawatanga.

Te Horopaki

Ko Te Papa Atawhai te hinonga mahi mātāmua mō ngā haepapatanga moutere i ngā whenua whāomoomo tūmatanui. I roto i ngā tau kua haere ngā mahi mai i tētahi kaupapa ki tētahi, ā, he ara tēnei i hokia ngā haumitanga ki ngā pūmanawa e tika ana, me ngā takaroaroatanga i te taha. I te tau 2021, i whakatūria e Te Papa Atawhai tōna Tira Haepapa ā-Motu (National Eradication Team) hei whakatika i tēnei āhua, kia whakawāteatia te haere mō tētahi hātepe rōnaki mō ngā pūkenga me ngā rawa, e kakama ai te mahi haepapa. Ka riro mā tēnei tira e whakatū ngā hangaroto hei whakatutuki i tēnei whāinga, kia matawhānui hoki te titiro ki ngā kaupapa moutere katoa.

Tētahi tohu whakaoti taketake o tēnei ko te whāinga wā-waenga o te haepapa poaka, haepapa ngeru, mauhi hoki i Maukahuka (Auckland Island) i te takiwā o Tiritiri o te Moana. Ko Maukahuka te moutere tuarima nei tōna rahi o Aotearoa arā, 46,000 heketea te nui, i Aotearoa, ā, kia huihuia kei te āhua rite tōna rahi ki ērā atu haepapatanga moutere katoa o tau kē. I haumitia e Te Papa Atawhai tētahi \$3 miriona i roto i te 3 tau hei whakaoti i ngā mahi hoahoa mō te haepapatanga poaka, haepapa ngeru, mauhi hoki i Maukahuka (te kaupapa Maukahuka Pest Free Auckland Island). I oti ngā mahi hoahoa i te tau 2020, me tana tāpae pūrongo tērā e haere te mahi haepapa mō tōna 10 tau. Kua oti noa atu te nuinga o ngā whakamahere mahi me ngā matapae utu, nā reira kua rite te kaupapa kia whakatinanatia, kia wātea mai he pūtea, he tautoko hoki hei tīmata i te mahi.

Tērā anō ngā mahi i mahia mō ngā tau e rima ka hipa ake nei hei tautoko i tēnei whāinga, tae atu ki ēnei:

- > I whakaūngia te haepapatanga o ngā mauhi i te Moutere Mahue (Antipodes Island) i te takiwā o Tiritiri o te Moana (2100 heketea) i te tau 2018. I mahi tahi Te Papa Atawhai me ngā kaitautoko tūmatanui, te Morgan Foundation, WWFNZ, me Island Conservation ki te hora i te kaupapa 'Million Dollar Mouse' i te tau 2016, me te tautoko mai a te tini.
- > Kua tutuki te haepapatanga o te mauhi i Motuareronui (Adele Island) (2017) me Te Hoiere (Maud Island) (2019) e Te Papa Atawhai.
- > Te urupare a Te Papa Atawhai ki ngā whakakenga mai o ngā kīrearea ki ngā moutere he kaikonihī-kore i tēnei wā. Kua uru mai hoki te Kaunihēra o Tāmākimakaurau, nā tana hāpainga i te whakaū tūnga kaikonihī-kore i muri i te haepapatanga, mā ngā mahi haumarū koiora i Tikapa Moana (Hauraki Gulf) me te tautoko i ngā urupare ki ngā whakakenga.

Atu i tēnei rā me haere ki hea

Ka kitea i roto i ngā tūhurātanga haepapatanga me te ekenga taumata kaupapa tae mai ki tēnei wā he pēhea e puta ai he hua i ngā ahunga whakamua o te whakamahere, me te hangarau i roto i ngā haepapatanga e piki tonu nei te matatini, o ngā kaikonihī whāngote whakaeke. Ahakoa tērā, hei te pikinga ake o te matatini me te rahi, ka piki anō hoki ngā mōreareatanga (ā-pūtea, ā-rauopi, ā-ingoa tangata). I haumi ngā mahi hoahoa hōhonu me te rangahau whakamahere mō te kaupapa Maukahuka i tētahi ara nā ngā taunakitanga i tautoko, me te whakatika i ngā rangiruatanga mā te whakamātautau ā-rahi i ngā tikanga mahi. Nā konei i puta ai he māramatanga mō ngā kaiwhiriwhiri whakatau, mō te rahi me ngā uauatanga o ngā mahi, i puta ai he tauira tikanga mahi pai rawa mō ngā haepapatanga o raurangi.

I te tau 2021, ka tautuhi anō te Tira Haepapa ā-Motu a Te Papa Atawhai (National Eradication Team) i te aronga o tēnei whāinga tārewa, me te tautohu ko ēhea ngā moutere e taea ai, e whai hua ai, te mahi kia kaikonihī-kore. Ka hanga mahere rerekē hoki te tira hei whakatutuki i te kaupapa nui o te whāinga, i runga anō i ētahi wātaka hou mō te haumi. Ka aro hoki ēnei mahere ngā mahi hou i te ao hangarau haepapa, e whakawhānuitia ai ngā ara whakapai i te hātepe.

Te Whāinga: Hei te 2025, kua oti tētahi putanga pūtaiao turaki maioro te whakawhanake e taea ai te haepapatanga o tētahi whāngote kaikonihī nonohi i te tuawhenua o Aotearoa.

Te Aromatawai

Kāore anō kia puta tētahi rongoā pūtaiao turaki maioro kotahi kīa ai e te tangata kua tutuki tēnei whāinga, ā, nā te uua tonu o tēnei mea te rangahau pūtaiao tērā ngā uauatanga anō o te ine ahunga whakamua i te taha o tētahi whāinga e karanga ana kia kitea he 'rongoā pūtaiao turaki maioro' i mua i tētahi rā motuhake. Nā reira, ka waiho tēnei wāhanga i te aromatawai i te tūponotanga o te whakatutuki tēnei whāinga i mua i te tau 2025, ka huri kē ki te tātaki i ētahi o ngā ahunga whakamua o te mahi pūtaiao e pā ana ki Kaikonihī-Kore i roto i ngā tau e 5 ka hipa ake nei.

Te Horopaki

I te kawē kē a Manaaki Whenua me te Biological Heritage National Science Challenge (BHNSC) i ētahi rangahau mō te whakahaere kīrearea, engari mai i te whakarewanga o Kaikonihī-Kore 2050 kua whakakahangia e rātou tēnei tirohanga ki te uaki mahi hou hei tūhuratanga.

E whakawhanaketia ana e Manaaki Whenua ētahi tāoke aro-momo kotahi, ka noho hei mea taketake mō te haepapatanga i ngā rohe whānui mahi pāmu. Kua timatatia e Manaaki Whenua tētahi hōtaka rangahau 5-tau i te tau 2019 e mōhiotia nei ko 'Eradication Science: Eliminating the last survivors to achieve predator freedom' e tautokona nei e te Endeavour Fund o Hikina Whakatutuki. E tūhura ana te hōtaka i te whakawhanaketanga o ngā taputapu hou, i runga anō i ngā whanonga kaikonihī, e piki ake ai ngā mahi haepapa mā te whakaū tikanga e mau ai ngā kaikonihī takitahi whakamutunga o tētahi wāhi te tārore.

E āwhina ana a BHNSC i te taha ki ngā rongoā tami, haepapa rānei i tētahi kīrearea kotahi, neke atu rānei, i te tuawhenua o Aotearoa New Zealand. Kua haumitia kētia e BHNSC neke atu i te \$1.5 miriona ki ngā rangahau Kaikonihī-kore, ā, e noho tonu ana hei hoa kōtui tūturu mō te kaupapa Kaikonihī-kore 2050 mā āna mahi i raro i Tranche 2. Ko ētahi o ngā mahi a BHNSC he rangahau pāpori (te pae matatika koirora me ngā waiaro tūmatanui ki ngā hangarau ārai kīrearea hou), he mahi pūtaiao hoki e whakatinanatia ana, tae atu ki te whakawhanaketanga o tētahi tāoke aro ki te kiore, mauhi rānei, he rangahau i ngā hangarau hou hei haepapa kaikonihī, te whakamahinga tino whai hua o ngā taputapu/tāoke, te whakawhanaketanga o tētahi hangarau kāmera AI hei tautohu i ngā kīrearea whāngote, nā ZIP i whāngai tahi ki te pūtea.

Nā te whāinga o Kaikonihī-kore 2050 kua ara ake ētahi whakahaere hou, hōtaka hou e āwhinatia ai te auahatanga me te rangahau. E ai ki ngā whakamārama i te whārangi whārangi 39, kua noho a ZIP hei kaihautū i te auahatanga taputapu, tikanga mahi hoki mō te haepapa kaikonihī.

Ko te whāinga o te hōtaka a Te Papa Atawhai e kīa nei ko Tools to Market, kia wātea he taputapu, he hangarau atamai kē atu ki te hapori Kaikonihī-kore 2050 i roto i te 1–5 tau. E whakawhanaketia ana te hua tuatahi (he poapoa kiore e kore e waimeha) e Wellington UniVentures, hei hoko ki te ao. I oti ngā hurihanga whāngai pūtea i Tools to Market i ngā tau 2017 me 2019, ā, i tēnei wā e ono ngā kaupapa e mahia ana, he poapoa ētahi, he toromāhanga, he tāoke, he matatopa hei tuku māunu ētahi. Kua tukua kētia e Te Papa Atawhai tata ki te \$7miriona ki tēnei kaupapa, ā e mahi kōtui ana me Predator Free 2050 Limited ki te ruruku, kia tino whai painga ai ā rātou haumi tahitanga ki ngā hangarau ārai kaikonihī.

I aro nui te rautaki rangahau 2017–2020 a Predator Free 2050 Limited ki tēnei whāinga. I haumitia e te kamupene tētahi \$1 miriona ia tau ki ngā mahi rangahau, i puta ai:

- > Te whakaputanga o ētahi huinga ira (genomes) tuatahi o te ao, ka taea te whakaingoa i te ao pūtaiao, mō te kiore piki taura me te toriura.
- > E whakawhitia nei tētahi paerewa hoahoa tahi mō te tārore kaikonihī me ngā raraunga puna māunu kia whakamahia i te ao mahi. He ritenga taketake tēnei e taea ai te tohatoha me te tātari i te tini o te raraunga.
- > He taunakitanga ka taea e ngā kāmera kite-mahana/AI te whakapiki i ngā kitenga kaikonihī mā te 5–50X, me te wātea o tēnei hangarau hei whakamahinga i ngā kaupapa rohe whānui.

Hei waitohu ngā rangahau huinga ira i te ahunga whakamua o tā tātou e mōhio ana mō te koiroa o ēnei kararehe, ā, koia tērā te kahupapa mō ngā ara rangahau o raurangi, e tutuki ai pea tēnei whāinga.

He mea whāngai te kōkiri Products to Projects e te Provincial Growth Fund, he mea whakahaere hoki e Predator Free 2050 Limited, kua toha nei i te \$6.5 miriona neke atu hei whakahohoro i ngā mahi rangahau, whakawhanake, whakanao hoki i ngā taputapu me ngā hangarau ārai, haepapa hoki i ngā kaikonihī. Tekau mā rima ngā hua kua whāngaia ki te pūtea puta noa i ngā momo hangarau huhua, he poapoa ētahi, he taputapu pūrongo, whakahaere ētahi, he hangarau kāmera ētahi, he whakamahi tāoke, he tāpiko toromāhanga anō ētahi. E whā anō ngā hua e wātea ana ināianei hei hoko. I whakarewaina tētahi hurihanga whāngai pūtea tuarua i 2021 mā roto i Jobs for Nature.

Atu i tēnei rā me haere ki hea

He mea taketake kia whakawhanake haere tonu ngā whakahaere maha i te ao pūtaiao, whakawhanaketanga hoki i ētahi ara ruruku mō te mahi tahi, e tino whai hua ai ngā pūtea e wātea ana mō te rangahau me te whakawhanaketanga. He mea hira te wāhi ki te rōpū pāhekoheko e mōhiohia nei Advancing our knowledge, innovation and improvement i tēnei taha. Mā tā rātou mahere 5-tau ka mārāma kē atu te utu tūturu o te haumi i ngā mahi rangahau, hangarau hoki hei tautohu i ngā kōkiri wāwāhi taiepa, turaki maioro hoki hei whakarewa i ngā mahi haepapa rohe whānui.

I runga anō i te mahi tahi ki BHNSC me ngā ahunga whakamua o ēnei tau, kua whakawhanaketia e Predator Free 2050 Limited tētahi rautaki rangahau hou mō 2021–2024 hei ārahi i te haumitanga pūtaiao o \$3.5 miriona ia tau. E arotahi ana tēnei ki ngā mahi turaki maioro e tutuki ai te haepapatanga i ngā rohe whānui kē atu, te wewete i ngā taumahinga huinga ira kaikonihī, me te whakawhanake i te raukaha i ngā pūtaiao, tae atu ki te mātauranga Māori. Kua puaki mai a BHNSC e tautoko ana rātou i te Kaikonihī Kore Aotearoa 2050 i tō rātou rautaki Wehenga Tahua 2, me tō rātou aro ki ngā taputapu tāmi kīrearea: tētahi ara kite rarunga i tawhiti mō te whakamahi i te atamai hangahanga hei tautoko i te kitenga rohe whānui me te korehāhā whāngote whakaeke (ko te utu kei raro i te \$10 mō te heketea kotahi) me tētahi taputapu mātauranga Māori mō te tāmi, te haepapa rānei i ngā kīrearea whāngote whakaeke.

Te āhua nei e kore e puta tētahi 'rongoā pūtaiao turaki maioro' i ngā rangahau ka haere ākuanei, engari ka tutuki pea tēnei whāinga hei raurangi, mā tētahi kāpuinga taputapu hou, tikanga mahi hou hoki.

Te Whāinga: Hei te 2025, kua tautuhitia e ngā whānau, ngā hapū me ngā iwi ngā wāhi matua mō te ārai me te haepapa kaikonihī. Tāpiri atu, e rima kaupapa haepapa e arahina ana e te whānau, e te hapū, me te iwi kua horaina ki te motu whānui.

Te Aromatawai

I tēnei wā kotahi te kaupapa haepapa kaikonihī e haere ana, e mahi ana i tēnei wā, ko Korehāhā Whakahau, i raro i a Ngāti Awa. Meāke ka timata tētahi kaupapa i Te Urewera, i raro i a Ngāi Tūhoe. Ka taea pea tēnei whāinga te whakatutuki mō te tau 2025, ā, ka taea hoki pea te whakarewa i ngā kaupapa tāpiri e toru i roto i te wātaka e toe ana mō tēnei whāinga. Ahakoa tērā he mea nui kia kua e noho ko tēnei whāinga anake te wawata katoa mō te whāinga wāhanga mai o ngā whānau, o ngā hapū me ngā iwi i roto i ngā rautaki, ngā kaupapa me ngā rangahau o Kaikonihī-kore 2050. He kōkiri kotahi tēnei i raro i tētahi huinga huaputa whānui kē atu, e matapaetia nei i te ara 'Mā nga whānau, mā ngā hapū, mā ngā iwi e whakatau tō rātou kaitiakitanga' o te Rautaki Kaikonihī-Kore.

Te Horopaki

I waihangatia a Korehāhā Whakahau e Te Rūnanga o Ngāti Awa (tētahi hinonga whakahaere i ngā whakataunga i whakaaetia kia noho hei kanohi mō ngā hapū 22 o Ngāti Awa), ā, i whakarewaina i te tau 2020. I tautokona tēnei kaupapa e Predator Free 2050 Limited, e Kaimahi for Nature (Te Papa Atawhai) hoki, ā, ko Korehāhā Whakahau te kaupapa Kaikonihī-Kore tuatahi kia aratakina e tētahi iwi Māori. Ko tāna he haepapa i ngā paihamu katoa i ētahi whenua 4600 heketea te rahi i roto i te rohe o Ngāti Awa i roto i te 5 tau, kia āwhinatia hoki te tiaki me te whakareinga o te taiao.



He kaimahi nā Korehāhā Whakahau. Whakaahua: Merenia Hudson

Kua tīmata kē te mahi tiaki a ngā hapū o Ngāti Awa i tō rātou whenua hei 'kaitiaki nō muri mai anō'; he whakaūnga noa iho tēnei o taua mahi, engari mā konei ka whiwhi mahi ngā uri o Ngāti Awa, kia kawea te kaupapa e rātou. Hei āwhina tēnei kaupapa i ngā pūmanawa me ngā pūkenga o Ngāti Awa hei kaitiaki, ina hoki, 16 ngā tūranga mahi mō tētahi tira kaimahi pakari ka ako i ngā pūkenga ka taea te kawea ki mahi kē, hei tautoko i ō rātou whānau, hei tautoko hoki i te kaitiakitanga o ngā hapū o Ngāti Awa i ēnei rā, ā, haere ake nei.

He kaupapa miharo a Korehāhā Whakahau, e whakamahi tahi ai tētahi kaupapa i raro i te iwi i te mātauranga Māori me te pūtaiao o te ao hou hei hanga huaputa takatika mō te taiao. I roto i ngā kaupapa i raro i ngā iwi ka kitea te wāhi nui ki a ngāi Māori i roto i te ahunga ki tētahi Ao Kaikonihi-Kore mō Aotearoa New Zealand, ā, hei whakatauritetanga ēnei ki ētahi atu kaupapa kei roto te mana whenua i ngā kaupapa e arahina ana e ētahi atu.

I te marama o Paenga-Whāwhā 2021, nā Predator Free 2050 Limited i whakapuaki tā rātou whāngainga moni mō te kaupapa i raro i a Tūhoe mō te haepapatanga o ngā moutere me ngā kūrae huri noa i Waikaremoana, me te whakawhanaketanga o ētahi tūranga mahi toitū 10.

E kitea nuitia ana ngā mahi kōtui a ētahi kaupapa ehara i raro i te iwi kia uru mai te mana whenua ki ā rātou kaupapa, engari kāore ngā mahi tautohu wāhi mahi, mahi hoahoa rānei i te kawea e te whānau, e te hapū, e te iwi rānei i te timatanga.

Atu i tēnei rā me haere ki hea

E anga ana te titiro a te whānau, a te hapū, a te iwi hoki ki ētahi kaupapa Kaikonihi-Kore hei hanga whāinga wāhi whiwhinga mahi mā te rangatahi i te kāinga, i wāhi kē, hei hora hoki i ngā mahi whakangungu e taea ai. Mā te whakarewa i ētahi atu kaupapa mā te iwi e hautū e piki ake ai pea ngā whāinga wāhi whakangungu, whiwhinga mahi mā te rangatahi i tō rātou rohe, e tutuki ai tēnei whāinga tārewa hei te tau 2025.

Mā ngā wheako o te kaupapa Korehāhā Whakahau e tāreia ai he tikanga rangahau i raro i te maru o te iwi hei haepapa kaikonihi. Mā konei hoki pea e taea ai e Ngāti Awa te tiri i aua akoranga ki ētahi atu iwi, ki te hāpori, me te hunga pupuru whenua whai wāhi ki ngā kaupapa haepapa kaikonihi rohe-whānui.

Ka puta hoki he akoranga mā ngā kaupapa ehara i ngā iwi, he pakari te hononga ki te mana whenua, ka taea hoki te tautohu tikanga mā rātou e whakareia ai ā rātou kaupapa, mā te mahi tahi me te mana whenua ki te whakatutuki i ngā whāinga o te katoa.

He mātai tūāhua:

Mai i te Āhua Hē ki te Kōtuitanga Tiriti Whai Hua

E whakaae ana te kōtuinga Tiriti i te kawenga mātāmua a te whānau, te hapū me te iwi i roto i te ahunga o te kaupapa kia Aotearoa Kaikonihi-Kore, mō te hoahoa, mō te whakatau, me te hora kaupapa whakahaere kaikonihi, ā, he kawenga matua tōna i ngā pāhekohekotanga ā-motu, ā-takiwā whānui anō hoki.

I timata te Kaupapa o Taranaki Mouna (TMP) i te tau 2016. Ko tōna whāinga he whakapūmau i te noho ora o te maunga, ōna pae maunga i te taha, me ngā moutere o Taranaki i ngā kīrearea, he whakaora, he whakaoho anō i te mauri o ngā koiora me te whakapiki i te toitū o te pūnaha hauropi. Me mahi tonu kia pai ake te whanaungatanga o te kaupapa ki ngā iwi o Taranaki, heoi anō, ko tōna timatanga ko te whai wāhi i te timatanga. E pūrongo ana a Taranaki Mouna me te Taranaki Iwi Chairs Forum ka noho ko ngā āhuratanga e whai ake nei hei mea taketake mō tō rātou hononga. Tā tēnei mātainga he tango i ētahi o ngā hātepe me ngā mahi o raro i TMP ka taea pea te whakahāngai ki ētahi atu kaupapa puta noa i Aotearoa New Zealand.

Te Anga Kaupapa: Kei roto i te hanganga o te poari tētahi tūranga mō te Taranaki Iwi Chair Forum, e noho ai he māngai mana whenua, i te taha o tētahi tūranga heamana motuhake, me tētahi māngai mō NEXT Foundation. Kua noho mai hoki he kanohi pakari i ngā taumata mahi anō hoki (kia mōhio, kua tēnei hei whakakapi i te tuitui ki te mana whenua). He whakaatatanga noa tēnei o te whakaae a te kaupapa he mea taketake kia mārama ki te wāhi, ki ōna tangata hoki, e tutuki ai ō rātou whāinga.

Te whai wāhi ki te whiriwhiri take: E kawea tahitia ana ngā mahi whakatau take i ngā taumata katoa o te kaupapa. Mai i te hātepe rautaki ā-tau ki ngā whakatau mō ngā mahi, kei te whakatau take te tangata whenua, kāore e torongia noatia ngā whakaaro mō aua whakatau.

Te whakahāngai i ngā whāinga kaupapa ki ngā whāinga o te mana whenua: Nō te hanganga me te arotakenga a TMP i tāna rautaki kaupapa, i mātāia e rātou ngā whāinga rautaki nā te mana whenua i tautuhi, i hoahoa hoki rātou i tā rātou kaupapa hei hora putanga e tautokona ai ngā rautaki a te iwi i ēnei rā. He hōhonu tonu te tirohanga a te iwi ki te hapori me ōna hononga, e ngāwari ai te whakaaetanga pāpori hei whakapiki i ngā huaputa kanorau koiora.

He hononga i runga i ngā uara: Ka whāia e TMP he ara pono kia aratakina e ngā whakaaro me ngā anga tikanga o te ao Māori. Ka roto mā ngā uara Māori hei arataki ngā mea katoa, mai i ngā anga rautaki ki ngā whakatau i te taha whakahaere – koia ēnā te ‘he aha ai’ mō TMP. E noho ana te whanaungatanga hei uho mō te kaupapa, he kaupapa e whakatupu nei, e atawhai nei i ngā hononga o te tangata ki tētahi wāhi, ki a rātou tonu anō i roto i mua, i tēnei wā, āpōpō hoki – ko te whanaungatanga hei hora putanga tētahi poutokomanawa mō te kaupapa.

Ngā putanga pāpori: Ka heipū ngā mahi a TMP ki ngā putanga pāpori, taiao anō hoki mā roto i tana mahi whakaora i te mouna, i runga i te whakaaro o te ao Māori, he mea paihere mārire te hauora o te tangata me te whenua. Tērā tētahi kōkiri o ēnei marama tata i pōwhiritia ai ngā taitama hoki ki te hara kia mahi i TMP, ā, i kitea ētahi hua papai mō te kaupapa me te rangatahi.

Te hanga tūranga mahi: I te tuatahi i tukua ngā mahi ake ki Te Papa Atawhai, engari kua tīmata ināianei tētahi kaupapa wā roa hei hanga raukaha i roto i te rohe, hei hora whāinga wāhi hoki mō te whiwhinga mahi ki te rangatahi. E whakahāngaitia ana ngā whāinga wāhi mō te whiwhinga mahi me te whakangungu ki ngā pūkenga i roto i te iwi ināianei, ā, he mea āta hoahoa kia noho tētahi ara mā te rangatahi hei whakawhanake i ēnei āhuatanga ki tua rawa i ngā tūranga taumata tuatahi, kia uru ki ngā tūranga hangarau, whakahaere kaupapa hoki.

Te whai wāhi o te tangata: E mahi ana a TMP i runga tonu i ōna uara i āta hoahoatia kia puta he hononga pakari kia hangaia hoki he ahurea tira e whai wāhi ai te katoa. Ko ērā uara ko te mana motuhake, ko te tirohangaroa, ko te manaakitanga, ko te kotahitanga, tētahi atu ko 'kia tika kia pono,' te tikanga o tērā kia whakaumu, kia kakama, kia whai take ngā mahi.

E ngana a TMP ki te whakaheke i ngā maioro e ārai nei i te tangata e kore ai e whai wāhi ki ngā kōkiri tiaki taiao. Ka taea e te tangata te āwhina i te kaupapa i ngā taumata katoa, mā te whakanui i ngā mahi a te hunga ka puta mai ki te āwhina mō te rā kotahi, me ā te hunga tae pūputu mai anō hoki.

He tino kūrae okiokinga te whakaurunga mai o ngā iwi i ngā taumata katoa, nā konei i ngāwari ake ai te uru mai o ngā mana ā-rohe; me i kore te iwi, kua kore e pērā. He mea hira te tūnga o TMP hei 'takawaenga pono', e tū motuhake nei i waho i ngā mana nunui tētahi mea nui mō te whakapakari i te whakapono a tētahi ki tētahi, te whakatūtika i te korenga e ōrite o te mana, me te hāpai i te mana o ngā tāngata me ngā rōpū whai pānga katoa.



He tukunga whio ki te Rāhui o Taranaki Maunga, nā ngā ākonga o te Egmont Primary School o te takiwā tonu. *Whakaahua: Pat Murphy*

Te Whāinga: Hei te 2025, kua haepapatia e tātou te paihamu, te toriura rānei i tētahi o ngā tāone nui o Aotearoa.

Te Aromatawai

Kua tino pakari haere ngā rōpū tārore i ngā tāone nui puta noa i te motu, i ngā tau e 5 ka hipa ake nei. I tēnei wā ko ngā rōpū o Predator Free Wellington me Capital Kiwi ngā rōpū i tino ahu whakamua ki tēnei whāinga, me te aha, ka tutuki pea te haepapatanga o ngā paihamu me te whānau tori i Te Whanga-nui-a-Tara i 2025. Tērā anō ngā pīkauranga nui kei mua – ko te ārai i ngā ahunga whakamua kia kore ai e memeha, me te kawe whānui i te kaupapa ki te tāone katoa, tētahi mahi uaua. E hohoro haere ana ngā mahi Predator Free i Tāmakimakaurau me Ōtepoti, ā, e puta ana anō hoki he hua pai. Me kōrero rā te wāhi nui ki te kaha o te hāpori e tutuki ai te kaupapa, ina hoki, me mātua tautoko te nuinga o ngā tāngata o tētahi tāone, kia tutuki ai tētahi haepapa ā-tāone nui.

Te Horopaki

Ko te whāinga ia o Capital Kiwi he whakahoki mai i tētahi taupori kiwi mohoa o ngā hiwi me ngā riu tonu o Te Whanga-nui-a-Tara. Kua whakatūria tētahi whatunga tārore hei patu toriura puta noa i te kūrae nui tonu o Te Whāinga-nui-a-Tara, (23,000 heketea te rahi) ā, e aroturukingia ana e ngā rōpū kaunihera, hāpori hoki. Waihoki, kua whakatūria e Predator Free Wellington tōna takiwā 30,000 heketea te rahi, kua oti te wehewehe ki ngā wāhanga e rima. I tutuki pai te haepapatanga o ngā paihamu, o ngā toriura me ngā kiore parauri i Te Motu Kairangi/Miramar Peninsula, tētahi takiwā 800 heketea te rahi, ā, kua tauāraia ēnei wāhi mō te nuinga o ngā marama o tētahi tau kotahi. E whakaaarotia ana e wātea ana te kūrae whānui, tōna 90% nei, i te kiore piki taura. Mai i te timatanga, i hiahia a Predator Free Wellington i te tautoko o te 100% tāngata kei Te Motu Kairangi/Miramar Peninsula e noho ana, kia āhei ai ia ki te whakatū puna māunu i ngā wāwāhanga āhua 50 m x 50 m te rahi, me nga tārore i ngā wāwāhanga āhua 100 m x 100 m puta noa i te kūrae katoa. Neke atu i te 3000 ngā whakaaetanga i hoatu ki ngā mema tira o Predator Free Wellington kia tomo ki ngā whare me ngā umanga, kia mahi tahi hoki me ērā atu kaipupuru pānga ki te whakatinana me te whakatika i te wāwāhanga haepapa i roto i te 6 marama.

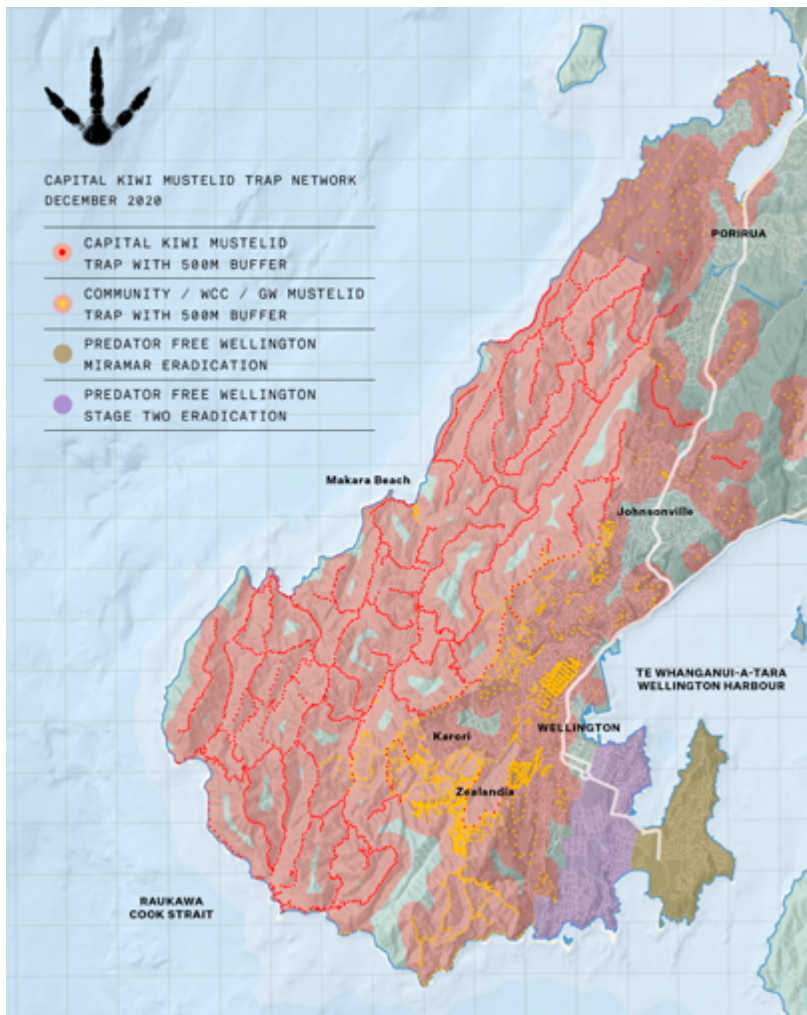
Kāti, kia tahuri ki Tāmakimakaurau. I raro i te Mahere Whakahaere Kīrearea ā-Rohe, he mea whāngai i tētahi pāpātanga i aronuitia, kei te whakarahia ake te tāmitanga paihamu kia eke ki te taumata e kitea ai kua eke te 50% o ngā whenua tuawhenua pāmu o Tāmakimakau rau (179,000 heketea) i roto i ngā tau e rima e tū mai nei. E ai ki te Kaunihera he kaupapa tēnei ka noho hei takahanga waewae e tutuki ai ētahi kūrae kore-paihamu i te rohe.

Kua tīmata te kaupapa City Sanctuary o Predator Free Dunedin, mā ētahi takiwā noho whakamātautau e toru hei kōkiri i te kaupapa, kia mārama hoki ki ngā tino huarahi hei tuitui, hei tautoko, hei pāhekoheko hoki i ngā hapori e tutuki ai te haepapa kaikonihi puta noa i te tāone katoa. E tautoko ana Predator Free Dunedin i ngā pūtea me ngā tautoko mō ngā kainoho me ngā rōpū hapori kia tīmata ngā mahi tārore, kia aroturuki huaputa hoki. Ko te whāinga wa roa mō te kaupapa City Sanctuary he whakatō i te kaupapa ki ngā whenua 8,000 heketea o ngā takiwā noho, me te whenua whānui o te tāone.

Atu i tēnei rā me haere ki hea

I te wā e whakatūria ana, e puta mai ana ngā kaupapa tāone, ka riro mā aua wheako hei ārahi ngā tino tikanga mahi, me te wāhanga me rangahau haere tonu, tae atu ki ngā whāinga tuituinga pāpori e hiahiatia ana mō ngā rohe whānui o ngā tāone.

Wāhanga 2 Predator Free Wellington: I tīmata Island Bay to City inakuanei. Hei kāinga tēnei wāhi nō tōna 60,000 tāngata, he whare kararehe, he hōhipera, me te pūtahi pakihi o te tāone, ā, he ūnga matatini, uaua tēnei. He mea taketake te rangahau mō ngā take e pai ake ai tā tātou tauārai i ngā rohe tāone.



Hoahoa 6: Te whatunga tāwhiti whānau toriura o Capital Kiwi.

He mātai tūāhua:

Mai i te tohutohu i te tangata kia aroha mai, ki te whanonga hou a te tangata kia tautoko i ngā koiora tino pai

E whakaatu ana tēnei nukuhanga kei te iho o Kaikonihi-Kore 2050 te tangata me tana whanonga. I kīia ake rā me huri e tātou he whakaaro kē, he whanonga kē, he mahi kē. Ka taea tēnei i runga i ngā rangahau tūturu, i ngā tikanga hou me te auahatanga ka ahu mai i ngā pūtaiao pāpori me te whanonga.

I mua atu i te kaupapa ‘Predator Free Wellington’, i haere tōna matua, ko ‘Predator Free Miramar’, ā, tērā hoki ētahi atu rōpū tārore ā-tāone i whakahaeretia e ngā tāngata o te takiwā i kaingākau kia tū mai he tāone e noho tahi nei te tangata me te taiao, me te noho mai o ētahi momo mōrearea i te taha. E tino tautoko ana te hunga o Te Whanga-nui-a-Tara kia hauora ngā koiora o reira, ina hoki, e rua hautoru o ngā tāngata i pūrongo mai i tētahi uiuinga nā te Kaunihera o Te Whānga-nui-a-Tara kei te whai wāhi ki ngā mahi Kaikonihi-Kore, kei te hiahaia rānei kia uru atu, ā, he rōpū tārore kei ia takiwā noho.

I āta whakarite tikanga a Predator Free Wellington kia whakapātaritia te kaingākau i te hapori, ahakoa te whakaumutanga o te kaupapa ki tētahi wāhanga mahi mātanga nei, he huhua ōna kaimahi e utua ana, me te whāngainga mai i ngā pūtea o waho. E rua ngā aronga o te rautaki. Ko te tuatahi kia whakapā atu ki ngā rōpū hapori ki te tonu mehemea e hiahia ana rātou kia whai wāhi ki te matakite o Predator Free Wellington, tuarua, mehemea āe – me pēhea te tautoko a Predator Free Wellington i a rātou. Tuarua, me whakamahi ētahi kaimahi i te taiao e utua ana mō ngā mahi haepapa i āta whakahāngaitia, i roto i ngā rohe i āta tautuhitia

Nā Predator Free Miramar i para te huarahi mō ngā tutukitanga haepapa i te kūrae, i roto i āna wāhi mahi maha:

- > Nā te whatunga tūao i reira mai rā anō, he iti iho ngā kiore me ngā kaikonihi i reira hei patunga, mai i te timatanga. I kitea i roto i ngā mahere mahana-tinana, tērā tētahi hāngaitanga poka tika mai i ngā āputa o te whatunga tārore tūao, ki ngā wāhi wera he kaha ake te kai māunu.
- > Kua tino mōhio kē te hapori ki ngā painga o ngā mahi Kaikonihi-Kore nei, ā, nā ngā mema o te hapori i kawē te rongopai mō Predator Free Wellington ki ō rātou hononga, whatunga hoki.
- > Nā ngā kaitārore tūao i whakahaere ngā mahi i te pito whakateraki o te kūrae. Ko ētahi o ēnā mahi he tiro tiro, he whakatakoto māunu, he pūrongo, he aroturuki, i wātea ai ngā kaimahi e utua ana kia arotahi ki ngā takiwā tāone.
- > He mea taketake te tautoko mai a te hapori ina whakaarotia he rautaki putanga mō tētahi kaupapa haepapa. E 20,000 ngā tāngata whai kanohi ināiane i tiro tiro ana ki te kūrae, tērā pea ka kitea e rātou tētahi paihamu, toriura rānei, me te pūrongo i tērā ki te tira kaupapa.

Tā Predator Free Wellington he whakakite ki te ao me pēhea ngā kaupapa rahi e tō mai ai i te iwi, e akiaki ai i te whanonga tangata hei tautoko i ngā koiora hauora. Ko te tautoko ā-hapori kei te manawa o tēnei kaupapa, ā, he mea taketake mō te ekenga taumata. Ka aro tēnei kaupapa ki ngā huaputa pāpori, ōhanga hoki mō te tāone me ōna tāngata. Ko ētahi o ngā akoranga mai i te Wāhanga 1 o te kaupapa he pēnei:

- > Kāore e taea te kī kotahi te ara ka whāia mō ngā tuituinga katoa. Ka tōia mai ētahi tāngata mō ngā painga kanorau koiora, engari tērā anō ētahi ka hiahia ki te haepapa kīrearea nā te mea, he pōrearea rātou, he tūkinu whare, tūkinu aha.
- > He tino taonga te pāhopori hei tūhonohono i te tangata, hei tohatoha pūrākau, wheako hoki i roto i te kaupapa.
- > He tino tikanga pai ngā ariā pēnei i te noho 'hei tāone kaikonihī-kore tuatahi rawa o te ao' hei whakaihiihi i ngā kaihoe.
- > He mea taketake te whakamahere me te āta takatū i mua i ngā mahi, kia tino rata mai te iwi ki ngā tāoke me ngā tārore, me te mōhio he haumarū. Me mātua whakapono te iwi, e pai ai te haepapa kaikonihī, me te kī taurangi, kotahi te mahinga, kua oti i runga i te tika.



He kōtare i Te Motu Kairangi/Miramar.
Whakaahua: © Janice McKenna

Te Whāinga: Hei te 2025, e wātea ana he taputapu, he mātauranga whaihua hei whakatutuki i te haepapa kaikonihī i te whenua pāmu.

Te Aromatawai

Kua timata ngā mahi a ngā kaupapa o Te Whakatipu Māhia me Taranaki Taku Tūranga ētahi tau ki muri, ā, e hora tonu nei i ngā mahi tāmi kaikonihī, me te aro ki te haepapatanga hei whāinga, waihoki tētahi kaupapa kātahi anō nei te whakatūria, arā, te kaupapa Predator Free South Westland, ka hoatu i ngā ritenga mahi a ZIP e kia nei 'he haepapa, he tiaki' i ngā whenua pāmu, me te rahinga ake o ngā mahi.

Ka noho ko te huinga o ēnei hōtaka rohe whānui, e whakakapi nei i ngā rohe pāmu rarahi, me te whakatūranga o te hōtaka rangahau i te wāhi mahi, e mōhiotia nei ko Farms as Barriers hei tohu kua tū ā-tutuki tēnei whāinga mō te tau 2025.

Background

Ko ngā kaikonihī nō tāwāhi tētahi kaikawe kino mō te kawekawe mate ki ngā koiora o te rāngai ahumatua o Aotearoa. Hei kaupare i ēnei mōreareatanga, hei urupare hoki ki ngā kitenga o te māuiui, ka whakapaua tōna \$69m ia tau mō ngā hōtaka TBfree. He mārama tonu te pūtake ōhanga mō te haepapa kaikonihī mō te rāngai ahumatua. Mā te haepapa kaikonihī i ngā whenua tautiaki e tāmi ngā taupori kīrearea ka noho hei kaikawe mō te mate kōhi o te kau (TB), tērā pea ka reia e rātou te whenua pāmu. He maha ngā hōtaka TB free ka anga ki te tahitahi i ngā tapa ngahere, he mahi tēnei e puta ai ētahi hua tautiaki taiao.

E tutuki ai tēnei whāinga, he mātua whai taputapu, rautaki hoki ngā tāngata o Aotearoa, hei haepapa i ngā kaikonihī i ngā whenua pāmu tūmataiti. Tērā ētahi kaupapa, kōkiri rangahau hoki e whai pitomata nei mō ēnei mahi.

Ko Whakatipu Māhia tētahi kaupapa i roto i te toru o ngā kaupapa tōpū e mōhiotia nei ko Predator Free Hawkes Bay, ā, ki te titiro atu ka oti katoa ngā mahi haepapa paihamu i te kūrae o Māhia, 14,500 heketea te rahi hei te marama o Pipiri 2022. Kua tukua e Whakatipu Māhia he tūranga mahi ki ngā tāngata o te kāinga kia whakaritea ētahi puna māunu, neke atu i te 6500 te maha, puta noa i ētahi heketea 11,000, ā, he pakari te tautoko mai o te hāpori. Kia oti katoa, e whakamahere ana te hāpori pāmu, te iwi me te hāpori nui tonu kia whakaorangia te kanorau koiora, kia haere tonu hoki ngā mahi utu a te iwi o te rohe, hei whakawhanake i te takiwā, hei hiki hoki i te kōtaha o tērā tōpito o te motu.

Ko Taranaki Taku Tūranga hoki tētahi kaupapa rohe whānui, he maha ngā whenua pāmu i roto i ōna whaitua. E mahi tahi ana te kaupapa me ētahi kaipupuru pāmu tūmatanui, he neke atu i te 1100 te tokomaha, waihoki ngā kaipupuru whenua tūmataiti, hei haepapa i te whānau tori i ētahi whenua neke atu i te 75,000 heketea te rahi, me te whāinga kia mahi tahi ā tōna wā me ngā kaipupuru whenua tūmataiti 4,500. Hei āwhina hoki te kaupapa Predator Free South Westland kātahi tonu nei ka whakarewaina i tō tātou mōhiotanga ki te haepapa kaikonihī i ngā whenua pāmu.

Ka mahi tahi ēnei kaupapa rarahi me Manaaki Whenua – Landcare Research ki te hoatu rangahau i tētahi kaupapa rahi. He mea taketake ngā rangahau a Manaaki Whenua ki te haepapa kīrearea, me ngā taunakitanga korenga kīrearea, te whanonga o te whānau tori i ngā whenua pāmu, te mātauranga me pēhea e tutuki ai te haepapa, me ngā tāoke aro-momo kotahi, mō te ekenga ki te taumata haepapa i ngā whenua whakatupu kai rarahi.

Atu i tēnei rā me haere ki hea

I te taumāta ā-motu, kei te haumi Te Papa Ātawhai ki roto i Farms as Barriers, tētahi hōtaka rangahau i te wāhi mahi ka rurukutia mā roto i te New Zealand Biological Heritage National Science Challenge. Ko ngā ariā i muri i Farms as Barriers he pēnei: me mātua haere ngā rangahau-waihoki, he kōtuinga pai ngā hoa kōtui mahi pāmu-hei whakawhānui i te kāpuinga taputapu rautaki hoki hei haepapa kaikonihī i ngā takiwā pāmu, hei ārai i aua awhenua kia kaua ai e whakaekea anō, hei whakatau hoki mehemea ka taea te whenua pāmu te whakarite hei whakangungu ki te whakaekenga anō. E anga ana tēnei hōtaka ki te waihanga tauira mahi i roto i ngā tau e rima.

E tino aro mārire ana te Biological Heritage National Science Challenge Ngā Koiora Tuku Iho Strategy 2019–24, ki te hanga kōtuinga puta noa i ngā haumitanga maha, hei tūhonohono, hei ruruku hoki i ngā mahi o nāianeī, kia puta ai he hua papai, e eke ai ngā mahi ki tōna tino teitei. Ko tā te pāhekoheko e noho nei hei wāhi taketake o te hōtaka Farms as Barriers he anga atu kia tutuki ētahi huaputa nui mō te motu katoa mō Kaikonihī-Kore 2050 he tino rahi kē atu i te hua o te mahi a te rōpū takitahi.

Ka haere tonu te mahi whakawhanake o ngā kaupapa rohe whānui i tō tātou māramatanga me pēhea te haepapa i ngā rohe nunui. Hei tauira, ko tētahi pūtaka rangahau i te kaupapa Whakatipu Māhia, me pēhea te ārai kaikonihī i ngā taupā roroa o ngā rohe tāmi, haepapa hoki, i runga i te kakama, kia ngāwari hoki te utu, kia taea ai ēnei kauparenga te tīmata puta noa i te rohe katoa.



He tukutuku (Harlequin gecko). *Whakaahua: Sabine Bernert*

Ngā āhuatanga nunui o ngā tau e 5 tuatahi

Kāore e taea te whakaahua i te katoa o ngā mahi e kawea ana mō te whāinga Kaikonihi-Kore 2050 te take, nā reira kei te roanga atu o te pūrongo tētahi tirohanga ki ngā mahi kei te haere tonu, me ētahi kapohanga o ngā kaupapa e kōkiritia ana.

Kei ngā wāhanga e whai ake nei:

- > He rārangi wā o ngā takahanga
- > He tirohanga ki ētahi o ngā āhuatanga nunui o ngā tau tuatahi e 5
- > He kapohanga o te whāinga wāhi o te hāpori
- > Te hononga ki te ao Māori
- > I whakarewaina ētahi kaupapa rohe whānui
- > Te haumitanga ki te hangarau, te rangahau me te whanaketanga.

I mua i te tau 2016

1960

E ai ki ngā mātanga ko te moutere o Ruapuke (Maria Island) i te moana o Tikapa te moutere tuatahi o te ao kia haepapatia katoatia ōna kiore e Alistair McDonald me te rōpū taiohi o Forest & Bird.

1996

Nā ngā pikinga ake o te kounga o ngā hangarau (hei tauira, ngā taputapu waka whakatopa) ka pai noa ngā mahi rohe whānui mō ngā moutere o te moana pēnei i Kapiti.

2001

Kua tangohia ngā kiore i ngā motu 11,300-heketea te rahi o Motu Ihupuku/Campbell tētahi moutere i te takiwā o Tiritiri o Te Moana, e Te Papa Atawhai, i tētahi mahinga kotahi. Koinei te moutere rahi rawa o Aotearoa kia kore ōna kiore.

2000

Ka mau te kaikonihī whakamutunga i Zealandia – ko te punanga whai taiepa koiora te rohe kaikonihī-kore tuatahi i tētahi taiao tāone.

2012

I whakarewaina te kaupapa Project Janszoon i te Whenua Rāhui o Abel Tasman. Kātahi ka puta ngā pōwhiri mahi kōtui te hunga ngākau atawhai (NEXT Foundation) ki te kāwanatanga hei whakaora i te hauropi o tētahi whenua rāhui ā-motu.

2013

I whakatūria e Forest & Bird tētahi hui i tō rātou whare, i Ruapehu Lodge, i tae ake ai a Te Papa Atawhai, ngā kaunihēra ā-Rohe me ngā kairangahau ki te whiriwhiri, ki te whakaae hoki ki te wawata Kaikonihī-Kore (2012), i hua ake ai te Predator Free New Zealand Trust hei kōkiri, hei tō mai hoki i ngā tāngata katoa o Aotearoa ki te matakite Kaikonihī-Kore.

2015

Ka whakapuakina te kaupapa Taranaki Mounga – tētahi kaupapa tautiaki taiao nā ngā iwi e waru o Taranaki, nā Te Papa Atawhai me te NEXT Foundation i whakarewa.

2015

I whakatūria a Zero Invasive Predators (ZIP) hei hinonga mahi aroha rangahau whanaketanga pāhekoheko hei waihanga taputapu hou me te tikanga mahi i te taha e haepapatia katoatia ai ngā paihamu, ngā kiore, ngā toriura i ngā rohe whenua whānui, me te tautiaki i aua wāhi kia kore ai e whakaekea anō. E ai ki ngā whakamātautau a ZIP i ngā rārangi toromāhanga i tētahi 'tauārai mariko' i te kūrae o Bottle Rock (400 heketea te rahi), he hua kei roto i tēnei ariā.

2016

Hōngongoi

Ka whakapuakina te whāinga Kaikonihi-Kore 2050 e te Pirimia Hōnore Tā John Key.

Mahuru

Ka whakapuakina Predator Free Wellington – tētahi kaupapa pāhekoheko i waenga i te Greater Wellington Regional Council, Te Kaunihera o Pōneke me te NEXT Foundation.

Whiringa ā-rangi

ka whakatūria Predator Free 2050 Limited hei ruruku, hei whāngai tahi hoki i ngā kaupapa pūtaiao, rohe-whānui turaki maioro hoki.

2017

Kohitātea

Ka whakarewaina e Te Biological Heritage National Science Challenge tana kaupapa: 'High-tech solutions to invasive mammal pests'.

Haratau

Ka whakaputaina e te Kaitiaki Taiao o te Whare Pāreme e Tākuta Jan Wright tana pūrongo 'Taonga of an island nation: Saving New Zealand's birds'.

Pipiri

Ka whakarewaina e Predator Free New Zealand Trust tētahi toa tuihono e hoko ana i ngā tārore atawhai, me ētahi atu taputapu ki te ao whānui. Taka rawa ake te mutunga o Hōngongoi 2018, neke atu i te 1,400 ngā tārore i hokona.

Ka whakatūria e Te Kaunihera o Tāmaki-makaurau me te Predator Free New Zealand Trust te 'Festival' tuatahi i Tāmaki-makaurau, ā, neke atu i te 400 ngā rōpū hapori ka tae ake.

Hereturikōkā

Ka whakarewaina e Te Papa Atawhai tētahi kete utauta tuihono mō ngā hapori i te pae tukutuku a Te Papa Atawhai.

Nā ngā whakamātautau a ZIP i Ōrongorongo i whakaū, ka taea te nekehanga paihamu te ārai e tēnei mea te awa. He rangahau taketake tēnei mō ngā kaupapa haepapa rohe-whānui.

Ka tūhono a Predator Free New Zealand Trust ki a Kiwibank i tētahi kōtuinga hei timata i tētahi hōtaka tārore ā-kāinga noho, me tētahi hōtaka i ngā kura o te motu. Ka tautoko te hōtaka 3-tau i ngā hapori kāinga noho 66 neke atu, me ētahi kura 51.

I whakarewaina te hōtaka Tools to Market a Te Papa Atawhai hei haumi ki te whakawhanaketanga o ētahi taputapu, hangarau whakahaere kaikonihi hou

2018

Kohitātea

Ka whakatūria e ZIP te pae o te riu o Perth River, hei whakahaere i tā rātou wāhanga tuatahi o tō rātou ara 'haepapa tautiaki hoki'.

Paenga-whāwhā

Ka whakaputaina e Predator Free New Zealand Trust tētahi pūrongo 'Transforming community conservation funding in New Zealand', e ki nei kua taka te tautiaki hapori ki te raruraru, ā, kua mōrearea te pupuru i ngā tūao, ki te kore he whāinga mārāma, he anga tautoko hoki.

Whiringa ā-rangi

Ka whakarewaina te kaupapa Te Manahuna Aoraki, me tōna whāinga kia hangaia he motu kaikonihī-kore 310,000 heketeta te rahi i te kāuru whakarunga o Waitaki, me te Whenua Rāhui o Aoraki/Mt Cook National Park.

Pipiri

Ka whakarewaina e Te Papa Atawhai me Te Whare Wānanga o Te Tau Ihu o Te Waka a Māui (NMIT) tētahi kaupapa ako poto: 'Introduction to predator trapping methods for communities' (He tohu i raro i te Mana Tohu Mātauranga)

Ka pāhekoheko a Predator Free 2050 Limited ki ngā whakahaere ā-motu, ā-takiwā hoki hei whakarewa i ētahi kaupapa rohe-whānui i Taranaki, i Te Matau ā-Māui, i Te Whanga-nui-a-Tara, i Waiheke me Ōtepoti.

Ka timata a Te Papa Atawhai i tāna tuituinga tūmatanui hei tārei i tētahi Rautaki Kaikonihī-Kore ā-motu.

2019

Huitanguru

Ka whakarewaina te kōkiri a Predator Free 2050 Limited e kīa nei ko Products to Projects, hei whakahohoro i te rangahau, i te whanaketanga, me te mahinga o ētahi taputapu, me ētahi hangarau whakahaere kaikonihī.

Poutūterangi

Ka whakahaere a Predator Free 2050 Limited i tana Project Coordination Workshop tuatahi i Taranaki.

Hereturikōkā

Ka waitohutia te Tūtohinga Predator Free 2050 e ētahi rōpū ā-motu e 9 e ū ana ki te kawē ngātahi i ngā mahi mō te matakite o Kaikonihī-Kore 2050.

Hōngongoi

Ka whakakorea e ZIP ngā toriura noho pūmau i te pae o te awa o Perth River, i muri i tētahi kokiri 1080 to Zero.

Whiringa ā-nuku

Ka whakarewaina e Te Papa Atawhai tana pukapuka tuatahi 'A practical guide to trapping', ko tana kaupapa ko te tārore i te hāpori, he puka 52-whārangi te roa tēnei kei roto nei ngā tikanga pai a te Tari te, mō aroturuki me te tārore.

Ka timataria e Manaaki Whenua tētahi hōtaka rangahau 5-tau e kīa nei 'Eradication Science: Eradication Science: Eliminating the last survivors to achieve predator freedom'.

2020

Poutūterangi

I whakaputaina e Te Papa Atawhai tāna Rautaki Kaikonihī-kore 2050, me tana Mahere Whakatinana 5 tau i te taha.

Ka aukatingia te haepapa kaikonihī ā-tinana a ngā kaimahi e COVID-19 Taumata Ohiti 4 puta noa i te motu.

Ka whakaputaina te huinga ira mō te kiore piki taura e te Australia–New Zealand Collaborative Research Group.

Pipiri

Nā te haepapatanga paihamu i te takiwā o te riu o Perth River, e mōhiotia ana ka taea te haepapa kaikonihī i tētahi takiwā tuawhenua rahi, ahakoa kāore he taiepa.

Paenga-whāwhā

Ka whakaputaina e te Predator Free New Zealand Trust tana pūrongo 'Better together? A review of community conservation hubs in New Zealand', e arotake nei i ngā pūtahi, ngā pikauranga, ngā painga me te tautoko e tika ana mō rātou kia eke ki ngā taumata.

Hōngongoi

Ka whakaputaina e huinga ira toriura e te rōpū rangahau i raro i Manaaki Whenua.

Hereturikōkā

Ka puta 'Te Mana o te Taiao – Aotearoa New Zealand Biodiversity Strategy', e tuia nei ētahi huaputa Kaikonihī-Kore ki roto, me te whakaae, he mea taketake ēnei kia puāwai te taiao, te tangata hoki.

Whiringa-ā-nuku

Ka whakarewaina e Predator Free 2050 Limited ētahi kaupapa hou: Ko Rangitoto ki te tonga, ko Horomaka, Korehāhā Whakahau (te kaupapa tuatahi nā tētahi iwi i ārahi), Whangārei, Kōtuku Moana.

I tāreia a Tohu hei taitohu mō te kōkiri ā-motu o Kaikonihī-kore 2050.

Ka tāpaetie e te tahua Jobs for Nature tētahi \$76 miriona mō ngā kaupapa haepapa kaikonihī mā roto i Predator Free 2050 Limited me tētahi \$4.5 miriona ki te Predator Free Apprenticeship Programme, i te taha o te Predator Free New Zealand Trust.

I te marama o Tihema

i whakapuakina e Predator Free 2050 he pūtea mō tētahi kaupapa Kaikonihī Kore mō Murihiku.

Kua oti te kaupapa Tools to Market tuatahi a Te Papa Atawhai. He mea ārahi e Te Herenga Waka, nā tēnei kaupapa i waihangatia ai ētahi poa tō mai i ētahi momo kiore whai hua. E mahi tonu ana a Wellington UniVentures ināianei ki te whakawhanake hua, ka wātea hoki hei hoko ki te ao.

2021

Kohitātea

Ka whakarewaina e Predator Free 2050 Limited tētahi hōtaka whakawhanake pūmanawa, me te hurihanga tuarua o te hōtaka Products to Projects.

Poutūterangi

Ka whakarewaina te kaupapa Predator Free South Westland

Haratua

85 ngā tāngata mai i ngā kaupapa 19 ka tae mai ki te Awheawhe Ruruku o Predator Free 2050 Limited i Ahuriri.

Paenga-whāwhā

Ka whakapuakina e Predator Free 2050 Limited he pūtea mō ētahi kaupapa Kaikonihi-Kore mō Aotea (Great Barrier Island) me Te Urewera, waihoki ētahi kaupapa i Taranaki, i Waiheke me Ōtepoti.

Pipiri

Ka huiā mai ngā tāngata mahi nui mō Kaikonihi-Kore i te Hui Taumata ā-motu tuatahi i Te Papa.

Ngā āhuatanga nunui o ngā tau e 5 ka hipa ake nei

He kaha te ahunga whakamua i ngā tau e rima tuatahi o te Whāinga Kaikonihi-Kore, ina hoki, 19 ngā kaupapa rohe whānui kei te whakatinanatia, ā, e whai ana te huhua o ēnei i ngā mahi taketake nā ngā rōpū tautiaki ā-hapori i kawē. E mahi tahi ana ngā whakahaere i te taumata ā-motu ki te whakahāngai i ā rātou mahi, ki te whakaheke hoki i te paparuatanga me te moumounga. Kua piki te māramatanga tūmatanui, te tautoko tūturu, me ngā mahi āwhina. E tuitui ana te hapori pūtaio i ā rātou mahi mō te rangahau me te haumitanga, e ngāwari ai te utu, e piki ai te hohoro me te rahi o ngā haepapatanga kaikonihi.

Tā tēnei wāhanga he huahua i ētahi painga e kitea nuitia ana mō te whāinga Kaikonihi-Kore ā-motu. Mā ētahi rangahau i tēnei wehenga o ngā mahi e whakatūturutia ai te rahi o ētahi o ngā pānga kua pūrongotia.

Ngā huaputa kanorau koiora

- > Kua puta i roto i ngā kitenga mai i ngā kaupapa haepapa kaikonihi rohe whānui tuatahi ētahi tohu waitohu hua kanorau koiora tino pai, ahakoa poto noa te wā e haere ana. Hei tauira:
 - Kua timata te hōrapa anō ngā manu pēnei i te kea, i te kākā me te kākāriki i te riu o te awa o Perth, 18 marama noa iho mai i te mahi haepapa kaikonihi tuatahi (i tutuki ai te haepapatanga o ngā toriura me ngā paihamu, me te 99% o ō reira kiore).¹¹
 - E ai ki ngā mahi aroturuki i te hākuwai i ngā Mouere Mahue (Antipodes Island), he 2.7 whakareanga ake te maha, tēnā i te maha i ngā tau e 3 o ngā mahi aroturuki (i mua i te haepapatanga), ā, he 10 whakareanga ake te maha, tēnā i ngā tau tuatahi i mua, i muri hoki i te haepapatanga kiore i te tau 2016.
 - Kua tata te reatoru te maha o ngā tūi i muri i te haepapatanga kaikonihi i Ipipiri/Pēwhairangi.¹²

¹¹ Zero Invasive Predators, 2020. 'Great news: Native birds are beginning to recover in the Perth River valley!'

¹² Predator Free New Zealand Trust, 2020. 'Tūi numbers treble in predator control study.'

Te hononga ā-hapori ki te taiao, o tētahi ki tētahi anō hoki

- > I puta i roto i ngā rangahau a Tākuta Danielle Shanahan¹³ ētahi hua e tautoko ana i te whakataukī a te tini o ngā kaiwhakarite ā-hapori, he mea nui ki a rātou te taha whakawhanaunga i roto i te mahi tāmi kaikonihi. Tētahi mahi a ngā rōpū tārore ā-hapori he piri tahi hei whatunga pāpori, ā, nā ngā rangahau a Tākuta Shanahan e mōhiotia ana ka heke te mate pāpōuri, te āwangawanga me te pōkaikaha i waenga i te hunga hāereere i te taiao, ā, he teitei kē atu ngā painga hauora i waenga i ērā e whai wāhi ana ki te tārore kaikonihi.
- > Ka whakapuaki ngā urupare mai i ngā kaihautū kaupapa mō ngā hua takatika i te taha hauora pāpori, hauora hinengaro hoki mō te hunga e mahi ana i roto i ngā kaupapa Kaikonihi-Kore – e ako tonu ana ā rātou mema tira, me te piki anō o tō rātou māia ā-pāpori.

He whakapikinga pūtea ki te pūnaha

- > Tērā anō tōna haumitanga pūtea e te Kāwanatanga, arā, neke atu i te \$300 miriona, ki nga kōkiri Kaikonihi-Kore; kātahi anō ka pēnei te āhua. Nā tēnei whāinga kua tino rerekē ngā whakaaro mō te rahi o ngā kaupapa ka taea, kua whānui kē atu hoki te ara kia hao katoa mai ngā mōrearea i te taiao, hāunga ia te momo kotahi, te kīrearea kotahi.

Te rangahau me te whakawhanaketanga

- > Ngā taputapu me ngā hangarau hou: Nā ngā hōtaka Tools to Market (Te Papa Atawhai) me Products to Projects (Predator Free 2050 Limited) kua puāwai te hanganga o ētahi toromāhanga hou, poapoa mutunga-kore, me ētahi hangarau tautohu kaikonihi. E whā ngā hua mai i te hōtaka Products to Projects kua wātea kē i te ao hokohoko, hei hoko mā te marea.
- > Ko te ara e whakamahia ana i ngā kaupapa haepapa rohe whānui ko te 'ako mā te raweke'. Nā te hoatu i ngā utauta i te ao mahi me te kōkiri haepapatanga puta noa i ngā whenua tāone, whenua pāmu me ngā whenua whāomoomo kua piki te mātauranga o te katoa. Nā ngā mahi tōmua a ZIP i te takiwā o te riu o Perth River, e mōhiotia ana pēhea te pai, te kore rānei e pai o ētahi taputapu o nāianei, kua whakatikaina rānei, me ngā hangarau.
- > E arahina ana e Manaaki Whenua tētahi hōtaka rangahau Endeavour i raro i Hikina Whakatutuki e kīa nei ko 'Eradication Science: Eliminating the last survivors to achieve predator freedom' e arotahi nei ki te whakawhanaketanga o ngā taputapu me ngā hangarau hei arotahi ki te ōrau iti o ngā kaikonihi ka oraiti i muri i ngā mahi haepapa kīrearea.

¹³ Predator Free Wellington, 2020. 'New research shows health benefits for Wellington's backyard trappers.'

Te whakahāngai i te haumitanga ki te pūnaha pūtaiao

- > Nā te whāinga matawhānui tino nui, me te hiahia kia tōia whakamua ngā mahi pūtaiao kia tutuki, kua whakahihiritia ngā rangahau me te auahatanga i te mahi mātai kaikonihī. Nā ngā tohu huarahi rautaki i whakatakoto ūnga mō te rangahau, i akiaki hoki te tuinga o ngā mahi kia hoehoe tahi ai ngā kaupapa.
- > Nā te whāngai pūtea rangahau kua āhei ngā kaipūtaiao kia arotahi ki ngā pātai taketake, me ngā rangahau 'tino hou', me i kore ērā pūtea, kua kore e hāpainga wawe.

Kua whakatūria ētahi kaupapa nunui hou

- > E haumi ana a Predator Free 2050 Limited i roto i ētahi kaupapa ā-rohe rahi i waho i ngā whenua rāhui (i Paengawhāwhā 2021). Mā ēnei kaupapa wāwāhi ngaru e hiki ētahi atu, e hora whāinga wāhi hoki mō te ako mō te haepapa, i roto i ngā rohe whenua whānui kē atu, hei tauira, te tuawhenua pāmu/te ngahere/te whāomoomo/ngā tōpūtanga ā-tāone.

Te tō i te pūnaha ā-motu kia pāhekoheko

- > Ko te hanga i tētahi Rautaki Kaikonihī-kore 2050 i 2020 tētahi taputapu taketake i whakatenatenatia ai ngā rōpū whakahaere 27 e hāpai tahi nei i Kaikonihī-Kore 2050 ki tōna ahunga hoehoe tahi. Nā te haumitanga hoki a te Kawanatanga ki te pūnaha kua tahuri hoki ētahi atu hinonga ki te mahi tahi hei hāpai i ētahi whāinga mō te katoa.

He whakapiki i te māramatanga tūmatanui me te whāinga wāhi o ngā hapori ki te whāinga Kaikonihī-Kore

- > I pūrongoia e te uiuinga 'Public Perceptions of New Zealand's Environment' o 2019¹⁴ tētahi pikinga ake mai i ngā raraunga o 2016 i roto i:
 - te tāmi kaikonihī i ngā kāinga o te tangata
 - ngā mahi tūao kei roto nei te tāmi kaikonihī
 - he tautoko nui mō te whakapūmau, te whakapiki rānei i ngā mahi a te kirirarau, a te hinonga rānei hei kaupare i te kiore, i te paihamu, i te toriura me te wheretī.
- > E hākiritia ana hoki te kōrero kua piki ngā tūmanako i te hapori mō te kaupare kaikonihī i te rohe whānui, ā, kei te kīa he mahi e tika ana te tārore pūputu i ngā takiwā tāone. E matapae ana a Predator Free Wellington kua eke ki te 20,000 ngā whare i Te Whanga-nui-a-Tara e tārore ana i ō rātou kāri, punanga hoki.¹⁵
- > Kua tino piki te mahi tārore i ngā kāri kainga puta noa i te whenua e ai ki Predator Free New Zealand Trust, mō ngā tau e 5 ka hipa ake nei, tae atu ki ngā kura tuatahi, tuarua hoki e hiahia ana ki te whakaako i ā ratou ākongā mō te tiaki momo māori.

¹⁴ Hughey, K. F.D.; Kerr, G.N. and Cullen, R. 2019. Public Perceptions of New Zealand's Environment: 2019. EOS Ecology, Ōtautahi.

¹⁵ Predator Free Wellington, 2020. Predator Free Wellington 2019/2020 impact report.

Te whāinga wāhi o te hapori

Ko te whāinga wāhi o te hapori te manawa tūturu o te kōkiri Kaikonihi-Kore, ā, ki te kore te huhua o ngā tāngata o Aotearoa e whai wāhi mai, e kore te whāinga e tutuki.

Kua piki te māramatanga, me mātua noho mai he kōkiri pāpori kaha hei paiaka, e tutuki pai ai ngā whāinga taiao. He tini ngā rōpū, he mano ngā tāngata kua āwhina tae mai ki tēnei wā, i te mea e whai ana te kōkiri Kaikonihi-Kore i ngā takahanga Kaikonihi-Kore me ngā kōkiri kanorau koiora i kawea i ngā tau i mua atu i te whakapuakitanga o te whāinga.

He rerekē te tūhono o ngā momo hapori o Aotearoa ki ngā whāinga Kaikonihi-Kore. He hauora tonu te hononga o te tangata whenua mā runga i ngā whakapapa ki te taiao, ā, mai rā anō i mōhiotia e paiheretia ana te hauora o te iwi me te taiao. Ko tō tau iwi he whakatauki i te ‘wise stewardship’ mā roto i te kōkiri tautiaki me te mahi tūao. Ka whakapuaki ngā kaiahuwhenua i tō rātou hononga ki te whenua mā te kaupare kaikonihi – te ārai i te tahumāero me ōna utu, ngā pānga ki te hauora kararehe, me tō rātou hiahia kia whakaorangia, kia tiakina hoki ngā whenua e puta nei he oranga mō rātou.

Ngā rōpū hapori

I roto i ngā tau e 5 ka hipa ake nei, kua arahina e ētahi rōpū nā te hapori i ārahi, e tautoko ana rātou i te whāinga ā-motu kia Kaikonihi-Kore, me tā rātou whakatutuki i ā rātou moemoeā i ō rātou takiwā, ki tā rātou e tika ana. Kua whakapuakina e ngā tāngata o Aotearoa tō rātou auahatanga, kai-ngākau hoki kia tōia mai ētahi atu ki tēnei kaupapa, kua tupu hoki he kōkiri pāpori whānui kē atu. E whakarite ana ētahi tāngata i ngā ohu mahi rārangi tārore, e whakariterite ana, e whakawhiti raraunga ana hei whakapiki i ngā whiriwhiri, e tuhi pānui whakaahua ana, e whakatū rā ahurei ana, kia aro mai te iwi ki ā rātou kaupapa ā-takiwā – ā, ko te mea nui, he ngahau te mahi ki a rātou. Ko ētahi kei te mahi takitahi, ko ētahi ka whāngaia kētia ki te pūtea e te Predator Free New Zealand Trust, e ngā kaunihera ā-takiwā, e Te Papa Atawhai, e Predator Free 2050 Limited, me Forest & Bird. He wāhi nui hoki tō ngā rōpū hapori mō ngā kaupapa rohe whānui puta noa i te motu – he maha tonu kua kore e whakarewaina, me i kore taua tautoko.

Nā te Rautaki Kaikonihi-kore 2050 i takutaku ngā mātāpono e whitu e pai ai te haere o te kaupapa Kaikonihi-Kore. Anei kei ngā kapohanga kanohi e whai ake nei ētahi taurira o ngā mahi a ngā rōpū hapori, i a rātou e hāpai noa nei i ēnei mātāpono i ā rātou mahi.



Ngā hoa o te Rau. Whakaahua: Bay Conservation Alliance



Whakatāne Kiwi Trust. Whakaahua: Bay Conservation Alliance

Te mahi tahi

Hora ai Te Bay Conservation Alliance i ngā mahi tautoko tiri (hei tauira, ngā mahi kaute, te tautoko mahi, tae atu ki ngā mahi aratohu hauora, haumaru hoki, te whakaara kaupapa mahi moni, te whakahaere kaupapa) ki ngā rōpū hapori ka noho hei mema, kia pai ai te mahi a ēnei rōpū mō te ekenga taumata i roto i ngā tau. Whakatū ai Te Bay Conservation Alliance i ētahi rā nunui mō ana mema hei tūhono i te tangata ki ētahi atu tāngata o te takiwā.

Ko ētahi o ngā mema aro ki te ao kaikonihikore ka whiwhi painga i te Bay Conservation Alliance ko:

- > Aongatete Forest Project
- > Friends of the Blade
- > Halo Whakatāne
- > Kaharoa Kōkako Trust
- > Manawahe Eco Trust
- > Manawahe Kōkako Trust
- > Mokaihaha Kōkako Trust
- > Ōtanewainuku Kiwi Trust
- > Te Whakakaha Trust
- > Whakatāne Kiwi Trust.

Hononga

Ko Kids Restore the Kepler tētahi hōtaka ā-kura e whakamahi ana i te rangatahi me te hapori nui tonu mā te mātauranga whāomoomo ā-ringa.

Nā Kids Restore the Kepler i ārai tētahi ngahere māori 530 heketea te rahi, ā, nā ngā mahi papai o te hapori o te takiwā, kei te korikori te wāhanga mātauranga o te kaupapa, me te whai wahi mai o te tini o te ākongā ki te kaupapa, ia tau.

I takea mai te whāinga hua mātauranga o te kaupapa i te mahi paheko o ngā kura me ngā pūtahi ako, i tukua tahitia ai ngā akoranga taiao me ngā mahi whāomoomo hei wāhi o te marautanga o ngā kura.



Te ako mō te tapitapi tāwhiti. Whakaahua: E whakaora ana ngā tamariki i te Kepler

Ko te taiao i ngā wāhi motuhake

He rōpū hapori a Friends of Flora i whakatūria i te tau 2001 e tētahi rōpū pakari, i kite rā i tētahi hekenga i roto i te wā o te maha o ngā manu i te takiwā o Wharepapa/Mt Arthur.

E whakatinanatia ana e Friends of Flora tētahi rautaki tautiaki hei whakaora, hei tiaki hoki i ngā rākau me ngā kararehe, manu hoki e noho mōrearea nei i te kāuru o te awa o Flora Stream, te whenua rāhui o Kahurangi National Park.

He kaha a Friends of Flora me Te Papa Atawhai ki te whakawhanaunga me te whakahaere ngātahi, ki te whakawhiti i ngā rawa me ngā mōhiotanga, mō te whakahaerenga whai hua e haere tonu nei, mō te takiwā whānui kē atu o te awa o Flora Stream.



Ko Bill rāua ko Maryann mai i Friends of Flora on Cobb Ridge. Whakaahua: Paul Ewers



Ko te Kotahitanga o Tatau Pounamu. Whakaahua: Ko te Kotahitanga o Tatau Pounamu

Te Whai Wāhi o te Katoa

He tōpūtanga ā-hapori Te Tatau Pounamu Collective o te hunga pupuru pānga e whakamahi nei i nga kōkiri ā-taiao, ā-hauora, ā-toiora hoki kia tuitui ki te hapori Eastside i Rotorua. E ū ana te Collective ki ngā mātāpono mā te hapori e whakatau, tae atu ki te pāhekoheko me te whakamahi ara whakapakari raukaha, i takea mai i ngā kahanga o te tangata. E ārahina ana te Tatau Pounamu Collective i roto i ana mahi e ngā uara nui o te whanaungatanga, o te wairuatanga, o te manaakitanga me te whakapapa.

Te kaitiakitanga me te haepapa

Ka kitea ngā mātāpono o te kaitiakitanga, arā, te mahi kaitiaki i roto i ngā kura kaupapa Māori me ngā kura arareo Ingarihi, i roto i ngā kōkiri e whakahaeretia ana e ngā kaunihera ā-takiwā, e te Predator Free New Zealand Trust, e ngā punanga hauropi me ngā rōpū hapori. Ka akona ngā tamariki i roto i ēnei hōtaka mō te pānga o ngā kaikonihī o tāwāhi ki ngā momo māori, me pēhea hoki e mahi ai kia tautiaki i te taiao.

Te Urutaunga

Hei tauira Ngā Kaimanaaki o Te Waimapihi / Polhill Protectors i Te Whanga-nui-a-Tara mō te urutaunga. Ko te whāinga o te rōpū kia 'Neighbourly with our natives' ā, kua tino tupu te tokomaha o te rōpū, me tōna aronga, mai i tōna whakatūranga i 2015. I tōna timatanga i te arotahi te rōpū ki te mahi tārore, heoi anō, nō te mārōtanga o te haere o tērā, ka tāpiritia mai ētahi atu whāinga pēnei i te whakahau tikanga tiaki mōkai papai i roto i te hāpori, hei tiaki i ngā manu māori e noho ana ki te papa ētahi, nā ngā tohu, nā ngā rā nunui me te whakawhitiwhiti kōrero i te ipurangi, ko tā te rōpū he whakamanawa i ngā kiritata kia puritia te ngeru i roto i te whare, kia hoatu taura kakī hoki ki ā rātou kuri.



Ngā Kaimanaaki o Te Waimapihi / Polhill Protectors.
Whakaahua: Ngā Kaimanaaki o Te Waimapihi / Polhill Protectors

He whai-hua tonu te mahi a te rōpū i te pāhopori hei whakanui i ā rātou mahi papai, waihoki i te hāpori o te takiwā. I ēnei marama tata, i muri i te hononga ki te mana whenua, kua hurihia e te rōpū tō rātou ingoa kia reo-rua. Ko te tūmanako o te rōpū, mā tō rātou ingoa reo Māori, 'Ngā Kaimanaaki o Te Waimapihi' ka whakautengia te iwi mana whenua, me te aha, ka tiaki i ngā awa me ngā ngahere e kōrerotia nei i te ingoa.



Ngā Kaimanaaki o Te Waimapihi / Polhill Protectors.
Whakaahua: Ngā Kaimanaaki o Te Waimapihi / Polhill Protectors



Ko Susan Emmitt tēnei o te Kaunihera ā-Rohe o Waipā rāua ko Tom Davies, mema o te Hohaieti, me ngā toromāhanga whānau toriura tuatahi hei tiaki i ngā kōkako o Pirongia. *Whakaahua: Jill Davies*



Ko Amanda Rogers tēnei, kaimātai hauropi kōkako, me te tūao a Adam Hittman e hoatu mōwhiti wae ana ki tētahi pi kōkako reanga tuarua nō Pirongia i te marama o Poutūterangi/Māehe 2021. *Whakaahua: Kathryn Jones*

Te Māia

Kia noho haumaruru ai te kōkako, e rua ngā takiwā o Pirongia Te Aroaro o Kahu Restoration Society e āta kauparea nei ngā kaikonihī, 2500 ngā puna māunu, 222 kiromita ngā rārangi māunu, ā, 110 ngā toromāhanga whānau tori. I kawea atu ngā kōkako whakamutunga o Pirongia i te 1996 kia mōhiohia ai ka ora he mōrehu, nā reira he mea hira te whakahoki i ngā manu whai whakapapa ki Pirongia i te tau 2018. Engari i uaua te whakaaetanga kia whakaorangia anō te momo nei, nā reira hoki i kitea te uauatanga o te noho mō ngā momo koiora, koia i tahuri ai te rōpū ki te kawea i ngā mahi tāmi kaikonihī mō tētahi o ēnei taupori taketake, i Ōkahukura, Te Ngahere o Pureora ki te raki. He hauora tonu te noho o ngā taupori kōkako e rua, nā ngā tautoko nui a ngā tūao hāpori, ā, i paopao mai te whakatupuranga tuarua o ngā kōkako i Pirongia i te tau 2021.

Predator Free New Zealand Trust

He Tarahiti motuhake te Predator Free New Zealand Trust i whakatūria i te tau 2013 hei tūhonohono i te tini o te tangata whai pānga ki te ao whāomoomo – tae atu ki ngā hinonga, ki ngā rōpū hapori, ki te hunga whai whenua, ki ngā iwi me ngā kaimahi pāmu – otirā kia tuia mai ngā tāngata katoa o Aotearoa ki tētahi matakite kaikonihī-kore. Ina rā ētahi o ngā kōkiri matua o te Tarahiti:

- > He toa ipurangi pekanga-kotahi hei āwhina i te hunga o waho kia whai wāhanga ki te tāmi kaikonihī:
 - he aratohu, he rauemi me pēhea (ngā aratohu me ngā ataata)
 - he pūrākau whakamīharo mō ngā tāngata kawē kaupapa tāmi kaikonihī
 - te tuhi kōrero mō ngā rangahau tāmi kaikonihī hou rawa
 - me pēhea te kimi, te tūhono hoki ki ētahi atu e whakahaere nei i te whakahaere kaikonihī
 - te kete-utauta whakahaere – ngā mōhiotanga katoa e tika ana mā ngā rōpū hapori kia whakatū, kia tautoko hoki i tētahi rōpū hapori
 - he āwhina mō te hoko toromāhanga me ērā atu taputapu e tika ana.

- > He awheawhe, he wānanga ā-ipurangi hoki hei tohatoha i ngā mōhiotanga hou, mōhiotanga hāngai hoki.
- > Te Predator Free Farm Award, e whakanui nei i ngā mahi whai hua a ngā kaiahuwenua hei wāhi o te kōkiri Kaikonihī-Kore puta noa i te motu.
- > Ngā mahi tārore i ngā kāri kāinga me ngā rōpū kura — e tautoko tonu ana te Tarahiti i ēnei rōpū mā te hora whāngainga pūtea, tautoko whakahaere pūtea hoki, ahakoa kāore ēnei hōtaka i te whānui haere, nā te korenga pūtea tautoko rangatōpū.
- > Te Predator Free Apprenticeship Programme, e whai nei ki te whakatupu i te maha o ngā mātanga whakahaere kīrearea kararehe, e tautoko ana i te matakite kaikonihī-kore. Ka hora tēnei kaupapa rua tau te roa i tētahi ara ki te ao mahi mā te hunga e hiahia ana ki te ako i ngā haepapa kaikonihī, e whakapikia ai hoki te raukaha me ngā pūmanawa o te rāngai.

Te Papa Atawhai

He maha ngā ara tautoko a Te Papa Atawhai i ngā kōkiri hapori, tae atu ki te whanaketanga o ngā tikanga mahi tino pai mō ngā hapori.

I whakarewaina e Te Papa Atawhai tētahi keteutauta tuihono Kaikonihi-Kore, ā, he rite tonu te whakahou i te aratohu 'Predator Free 2050: A practical guide to trapping' mā te tāpiri i ngā taputapu me ngā tikanga mahi tino pai, ā, e tino wātea ana i te pae tukutuku o Te Papa Atawhai.¹⁶ Neke atu i te 4000 ngā tīkinga ake o tēnei puka mai i tōna whakaputanga i te marama o Whiringa-ā-nuku 2019, ā, neke atu i te 14,000 ngā kape kikokiko kua tāia, kua tohaina.

Kua mahi tahi Te Papa Atawhai me te Nelson Marlborough Institute of Technology ki te hoahoa ki te hora hoki i tētahi kaupapa ako mā ngā hapori, mō ngā Tikanga Tārore Kaikonihi, he mea tuku ā-kanohi, ā-ipurangi anō hoki. Neke atu i te 450 te hunga kua whai i tēnei kaupapa ako mai o tōna whakatūranga i 2018. 25 ngā tukunga o tēnei kaupapa ako puta noa i te motu katoa, mai i Te Waihōpai ki Mitimiti, ā, kua whakaūngia hoki hei tohu mātauranga tohu moroiti.

E tautoko ana te DOC Community Fund i nga kaupapa tautiaki mā te hapori e hautū i ngā whenua tūmatanui, tūmataiti hoki, ā, ko tā te hōtaka o Ngā Whenua Rāhui he whai kia tiakina ngā āhuatanga tūturu o ngā whenua Māori, me te whakapūmau i te mātauranga Māori mō ake tonu atu.

Ka tautokona e ngā rēnetia Kaikonihi-Kore ā-Takiwā me ngā rēnetia ā-takiwā i ngā hapori kia whakatūria he hōtaka tāmi kaikonihi i ō rātou takiwā, ki te tiri i ngā tikanga mahi tino pai, ki te whakatū rā, ki te tautoko hoki i ngā kōkiri whakangungu ā-takiwā.

¹⁶ E wātea ana 'Predator Free 2050: A practical guide to trapping' i www.doc.govt.nz/pf2050-trapping-guide.

He taputapu tuihono hei whakamahi mā te hapori

Ko Trap.NZ tētahi taputapu tuihono kore-utu hei āwhina i ngā tāngata o Aotearoa ki te whakahaere i ā rātou kaupapa tāmi kaikonihi. Ka taea tēnei te whakamahi hei āta tuhi i ngā raraunga tārore, māunu, aroturuki, huaputa kanorau koiora hoki. I tīmataria Trap.NZ e Groundtruth Ltd i te tau 2013, ā, kua tupu hoki kia tautoko i ngā kōkiri tāmi kaikonihi puta noa i te motu. Kua whiwhi haumitanga hoki Trap.NZ i Predator Free 2050 Limited hei tautoko, hei whakawhanake i te pūhara.

Kia pai ai te wātea o Trap.NZ, kia whakawhanaketia hoki hei painga mō te katoa, kua whakatūria tētahi rōpū hei whakaruruhau, hei tautoko hoki i te pūnaha ā ngā tau e tū mai nei. Ko ētahi atu mema o te rōpū ko ētahi kaunihera ā-takiwā, ā-tāone hoki, ngā rōpū atawhai i te tangata, me Manaaki Whenua. Ka hora te pae tukutuku o Trap.NZ me tōna taupānga i ngā raraunga wā-tūturu mō ngā kaupapa tāmi kaikonihi 3000, neke atu. Hei whakangāwari tēnei i ngā whakatau atamai kē atu mō ngā mahi, ā, ka noho hei puna mōhiotanga whai kiko mō te rangahau me te whakamahere i te motu katoa. Ka piri atu ētahi kanohi nō Te Papa Atawhai ki Trap.NZ hei te tau 2021.

Nā te kunenga o Trap.NZ ka whakaatatia te pikinga ake o ngā kōkiri tāmi kaikonihi i te hapori. Mai i 2016 ki ngā marama tuatahi o 2021, kua piki te tokomaha o ngā kaiwhakamahi i 504 ki te takiwā o te 18,000, ā, kua piki ngā kaupapa i te 134, ki runga iti ake i te 3000.

3193

Ngā Kaupapa

3238970

Ngā rekoata i tāpiritia

207047

Ngā kaikonihi i whakamatea i tēnei tau



10735

Te whānau toriura



88128

Ngā kiore



35918

Ngā paihamu



19184

Ngā tuatete

Hoahoa 7: He kapohanga nō te marama o Haratua 2021 o ngā raraunga wā tūturu mai i Trap.NZ.

He mātai tūāhua:

Mai i te whakatau kaupapa mai i te tihi ki te puritanga paetata o ngā rongoā

E whakaae ana tēnei huringa me mātua whai wāhi te hunga i te kāinga mō ō rātou takiwā. I runga i tēnei ara, me huri kē ngā whakahaere ā-motu i te hoatu rongoā ki ngā hapori paetata, ki tētahi tūranga tautoko, whakangāwari hoki, me te waiho mā ngā tāngata o taua wāhi e homai ngā rongoā.

Ko te Banks Peninsula Conservation Trust tētahi taura mō te waiho mā te iwi o te takiwā e whakaputa kōrero mō ō rātou wāhi. I timataria i te tau 2001. Kua roa hoki ngā mahi kōkiri taiao a ngā hapori i Horomaka Banks Peninsula, hei taura ko te Wildside Project. I haere tēnei i raro i tētahi kōtuinga ki Environment Canterbury, ki Te Papa Atawhai, me te Kaunihera o Ōtautahi, koia hoki pea te kaupapa tāmi kaikonihī nā te kaupupuru whenua i ārahi roa rawa i te motu katoa. I whakarewaina 30 tau ki mua, i muri i te kitenga o ngā kaupupuru whenua kua heke te maha o ngā kororā.

Ko te kaupapa rohe whānui o Pest Free Banks Peninsula tētahi hōtaka nā te hapori i tīmata, ā, i kōwhiria te Tarahiti hei kaihautū mō te hōtaka, nā tōna mana hei rūnanga whakaū tikanga, ōna hononga ki ngā kaiahuwhenua me ngā kaupupuru whenua tūmataiti, waihoki ōna tūranga kauwhau tikanga, me tōna āhei ki te tuitui i ngā kōkiri hapori puta noa i te kūrae.

Kua whai Pukapuka Whakaaetanga a Pest Free Banks Peninsula/Te Pātaka o Rākaihautū, nā ētahi hoa kōtui 14 i waitohu, tae atu ki te mana whenua o te rohe. Kua tuiā mai hoki ngā mātāpono o Ngāi Tahu ki roto i te rautaki mō te kaupapa – ko tētahi o aua mātāpono, ko 'mā te hapori e hautū'. Ko ētahi huarahi e kitea ai te ārahitanga ā-hapori i roto i te kaupapa Pest Free Banks Peninsula, ko te aronga ki te whakawhiwhi mahi ki ngā tāngata o te takiwā hei kaimahi, me te tuituinga ki te kamupene hangarau o te takiwā, The Cacophany Project, e whakamātautau nei i ētahi hangarau hou me ngā tāngata o te takiwā e whai wāhi nei ki ngā whakamātautau.

Ko Kaikonihi-Kore 2050 me te ao Māori

He whāinga wāhi a Kaikonihi-Kore 2050 kia whakapakaritia te kōtuitanga i waenga i a ngāi Māori me te Kāwanatanga, mā te pāhekoheko ki tētahi whāinga kawē tahi. Ka āhei ngā hinonga Kāwanatanga te whakaahua, te whakatinana hoki i ngā mātāpono o Te Tiriti o Waitangi, mā te mahi tahi ki ngā whānau, ki ngā hapū me ngā iwi kia tiakina ngā momo e kīa nei he taonga, ki te whakahihiko anō i te hononga tangata ki te aotūroa.

I whakaae te Rautaki Kaikonihi-kore 2050 "He whenu hira ngā uara, ngā tikanga me ngā pūrākau Māori ki te kaupapa Kaikonihi-Kore. Ka mutu, he hira te mātauranga Māori me te hihiri ki te angitutanga o tētahi moemoeā kāore kau ōna takahanga i te ao.... Ka tū mana Māori motuhake ngā iwi, ka whaimana hoki a Kaikonihi-Kore 2050, ina koa tēnei mea te kaitiakitanga, he taute whenua, he taute tangata". He ōrite ngā whāinga o Te Mana o te Taiao – Aotearoa New Zealand Biodiversity Strategy, nā reira kua puta he whāinga wāhi kia mahi tahi ngā rautaki e rua i konei.

Ahakoia kua puta ētahi mahi whai hua tae mai ki tēnei wā, pēnei i te whakatūranganga o tētahi rōpū pāhekoheko motuhake e kīa nei 'Whānau, hapū and iwi expressing kaitiakitanga', me te whāngaiinga pūtea ki ngā kōkiri haepapa nā te iwi i hautū – tērā anō ngā mahi nunui e toe ana kia tutuki ai ngā wawata e tākina atu nei i te Rautaki, otirā ko ngā wāhanga mō te hanga raukaha, pūmanawa hoki, me te whakaurunga mai o te mātauranga Māori, ētahi wāhi tino hira.

Te hanga raukaha, pūmanawa hoki

Kei runga atu te hiahia mai i ngā kaupapa Kaikonihi-Kore me ngā kōkiri rangahau kia whai wāhi mai te mana whenua, kia noho hoki rātou hei kaiahautū. Me mātua whakapakari hononga, whakapiki hoki ngā rōpū Kaikonihi-Kore i te whakaponu ki ngā whānau, ki ngā hapū me ngā iwi, me te whakahōhonu i tō rātou raukaha, ō rātou pūmanawa hoki kia tuitui ki a ngāi Māori me ngā anga o te mātauranga, kia whakaata tūturu te kōkiri Kaikonihi-Kore i ngā hiahia mātāmua o ngā whānau, o ngā hapū me ngā iwi.

Mā konei pea ka kaha ake te uru mai o te tangata whenua ki te kōkiri Kaikonihi-Kore, e ngāwari ake pea te whakawhirinaki atu ki te tokoiti e homai mōhiotanga nei mō ngā whakaaro Māori, e tautohu nei hoki i ngā pūkenga Māori i tēnei ao mahi. Me haumi ki ngā mahi tohu pūmanawa, tautoko hoki mō ngā hinonga i te wāhi pai rawa hei hora i tēnei, e toitū ake ai tēnei pūnaha.

I te takiwā ake, me haumi haere tonu hei whakapiki i ngā pūmanawa me te raukaha o te iwi, kia mahi i ngā kaupapa Kaikonihi-Kore i ngā taumata katoa. Ina whakaarotia te āhua wā-roa o te whāinga Kaikonihi-Kore, he tika kia whakatūria ētahi kaupapa ako mō ngā tau kei mua, hei hanga raukaha mō te whakaruruhau me te whakahaere a ngāi Māori, mō ngā kōkiri Kaikonihi-Kore.

Mātauranga Māori

Ahakoia i tino hiahiatia kia tāmaua te mātauranga Māori ki ngā mahere mahi rōpū pāhekoheko, e whakaaetia ana he nui ngā mahi kei te toe, kia tino mārama, kia whakatinanatia hoki tēnei wawata. Kāore kē te pūnaha haumi pūtaiao Kaikonihi-Kore i te aro nui ki te mātauranga Māori, hei tauira, ko ngā hōtaka mō te rangahau me te whakawhanake taputapu kāore i āta tāreia hei whāngai pūtea ki ngā kōkiri mātauranga Māori, i iti iho ai pea te tono a ngā mātanga mō ēnei pūtea.

Arā anō ngā whāinga wāhi mō ngā kaupapa Kaikonihi-Kore kia tautoko, kia whakatupu hoki i te mātauranga Māori i ngā takiwā hei tauira, mā te hanga whāinga wāhi mō ngā wānanga ako. Hei whakaata ēnei whakaaro i te whāinga whānui kē atu, kia tautokona te tupu o te raukaha o ngā whānau, o ngā hapū me ngā iwi, kia āhei ai te iwi Māori te whakaruruhau, te whakahaere, te whakatinana hoki i te whakamahinga o te mātauranga Māori.¹⁷



Te whawhaki rau kawakawa hei rongoā. *Whakaahua: Flying Saucer*

¹⁷ Malcolm, Tame. 2021: Māori knowledge can help New Zealand get rid of predators but it can't be 'whitewashed'. Guardian News & Media, e wātea ana i www.theguardian.com/world/commentisfree/2021/jan/25/maori-knowledge-can-help-new-zealand-get-rid-of-predators-but-it-cant-be-whitewashed.

Ngā kaupapa rohe whānui

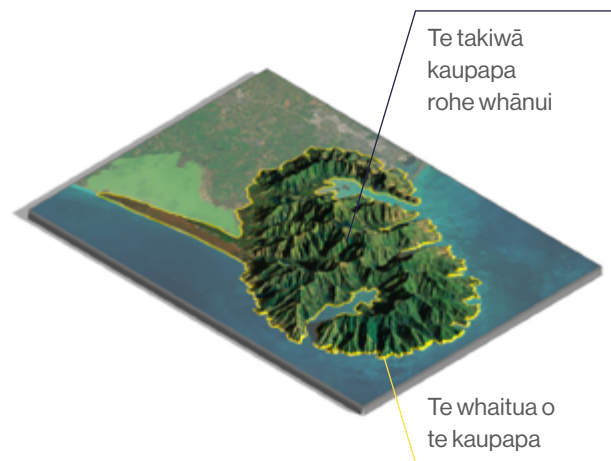
I tēnei wā neke atu i te 20 ngā kaupapa rohe whānui, kei roto nei tētahi aronga ki te haepapa me te tāmi kaikonihi. He wāhi taketake ēnei kaupapa nō te akoranga me te whanaketanga o Kaikonihi-Kore, ā, ka noho hei tohu mō te ara, i ēnei tau tuatahi o te ahunga atu ki te whāinga. He whāinga wāhi ēnei kaupapa mō te whakamātautau tikanga mahi hou, ara whakamahere hou, kia whakawhanaketia hoki ngā rangahau me ngā hangarau i te taiwhanga, i te whare mahi rānei i tōna rahinga e tika ana. Ka tō mai hoki ēnei kaupapa i te titiro a te marea ki te kōkiri Kaikonihi-Kore, e piki ake ai te māramatanga o te iwi nui ki ōna āhuetanga

Kia mārama

Kia mārama, kāore ngā kaupapa e whai ake nei e uru ki tēnei wāhanga nā te mea kātahi anō ka tīmataria ngā mahi whakamahere:

- > Predator Free Rakiura
- > Predator Free Southland
- > te kaupapa o Tū Mai Toanga project (Aotea/Great Barrier Island)
- > te kaupapa o Te Urewera mā Tūhoe e ārahi (ngā moutere me ngā kūrae huri noa i Waikeremoana)
- > Te Kaupapa Whakaora o Raukūmara Pae Maunga
- > Te Kaupapa Whakaora Ngahere o Kaimai – Mamaku.

Te kī mō ngā mapi e whai ake nei



* Hei tohu mō ngā kaiwhakatū i te kaupapa, ina mōhioia.

Predator Free Whangārei

Me pohewa ngā mea ka taea mō ngā tupu me ngā kararehe, manu hoki o tō tātou rohe, ina mukua atu e tātou te pānga kino o te paihamu, o te kiore me te whānau toriura.

Rā timata	July 2020
Rā haepapa	Possums
Whāinga tāmi	Mustelids, rats, possums
Ngā heketea	9000 (possum eradication) 60000 (predator suppression)



Kaihautū Kaupapa

Northland Regional Council

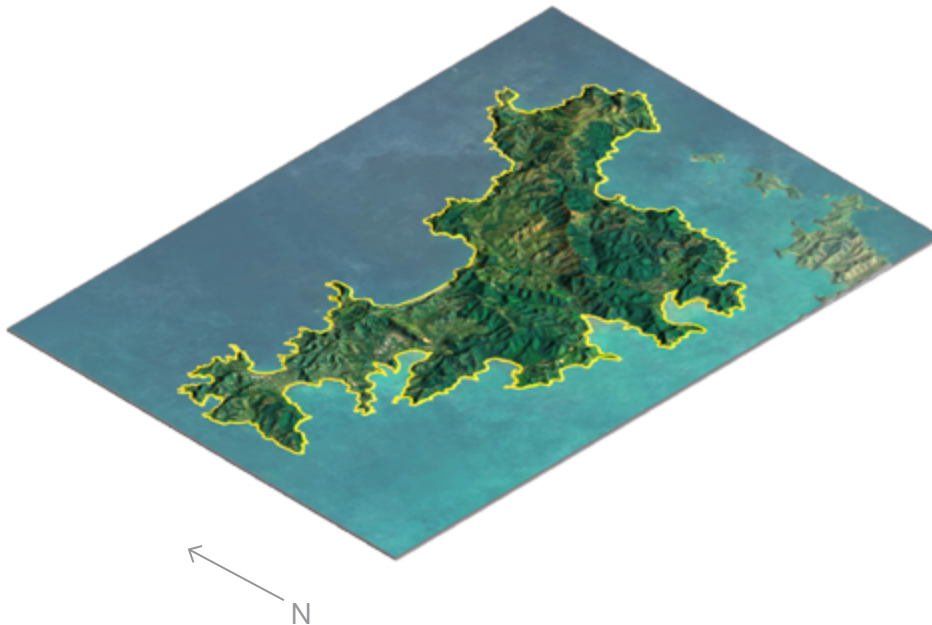
Ngā kaitautoko

- > Community conservation groups
- > Department of Conservation
- > Kiwi Coast
- > Predator Free 2050 Limited
- > Whangārei District Council

Te Korowai o Waiheke Towards Predator Free Waiheke

He tarahiti atawhai Te Korowai o Waiheke, nā te hapori o te takiwā i whakatū, hei haepapa i te kaikonihi i tō mātou moutere ātaahua.

Rā timata	September 2018
Rā haepapa	Mustelid eradication and rats eradication pilot
Whāinga tāmi	–
Ngā heketea	9300



Kaihautū Kaupapa

Te Korowai o Waiheke Trust

Ngā Hoa Kōtui Māori

> Ngāti Paoa

Ngā kaitautoko

- > Auckland Council
- > Backyard and community groups
- > Department of Conservation
- > Donors
- > Foundation North
- > Fullers
- > Giltrap Motors
- > Lasso Media
- > Man o War Station
- > Minter Ellison
- > Pest control contractors
- > Predator Free 2050 Limited
- > Rarowhara
- > Technical Advisory Group
- > Waiheke businesses
- > The Waiheke Collective (including conservation groups, organisations, mana whenua, and individuals)
- > Waiheke High School
- > Waiheke Local Board

Korehāhā Whakahau

Mā te ngaruru o ngā whenua maru o Ngāti Awa, ka noho momoho ngā taonga koiora, taonga tuku iho, hei oranga whānui mō ngā whakatipuranga.

Rā timata	June 2020
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Rā haepapa	Possums
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Whāinga tāmi	Predators
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Ngā heketea	4700
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Kaihautū Kaupapa

Te Rūnanga o Ngāti Awa

Ngā kaitautoko

- > Department of Conservation
- > Jobs for Nature
- > Ngāti Awa Group Holdings
- > Predator Free 2050 Limited

Predator Free Hawke's Bay Whakaorangia Te Matau-a-Māui

Ka puāwai ngā momo māori i te takiwā tonu e noho nei, e mahi nei, e tākaro nei tātou.

Rā timata	July 2018
Rā haepapa	Possums
Whāinga tāmi	Predators
Ngā heketea	14500 (possum eradication) 84100 (predator suppression)



Kaihautū Kaupapa

Hawke's Bay Regional Council

Ngā Hoa Kōtui Māori

- > Te Kōpere o te iwi o Hineuru Trust
- > Maungaharuru Tangitū Trust
- > Ngāti Pāhauwhera Development Trust
- > Rongomaiwahine iwi

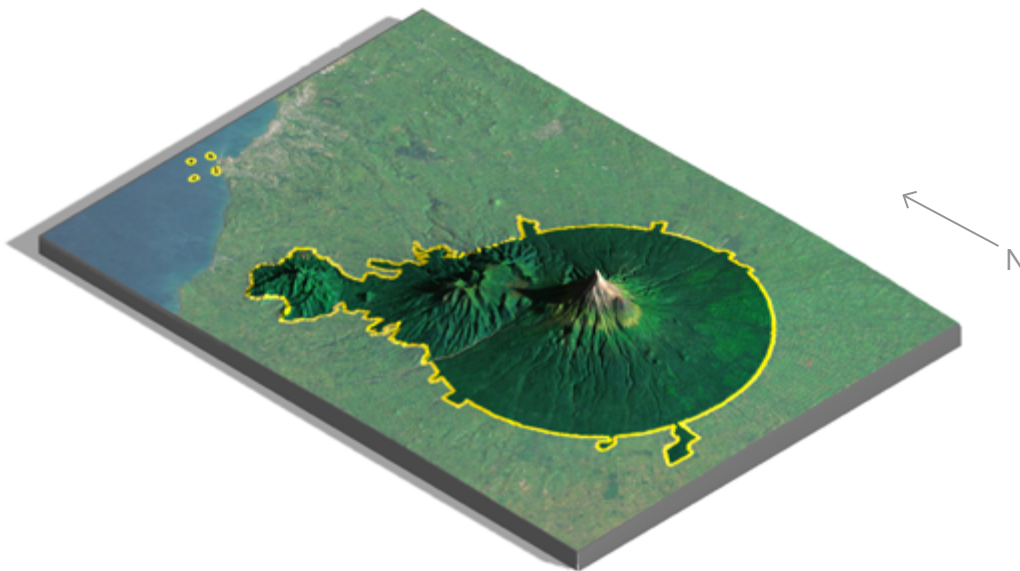
Ngā kaitautoko

- > Aotearoa Foundation
- > Biological Heritage National Science Challenge
- > Department of Conservation
- > Farmers
- > Manaaki Whenua – Landcare Research
- > Maungaharuru Tangitū
- > Predator Free 2050 Limited
- > Whangawehi Catchment Management Group
- > Zero Invasive Predators

Taranaki Mounga Project

Whakaorangia te mouri ora o Taranaki Mounga mōna, mō tātou.

Rā timata	2016
Rā haepapa	–
Whāinga tāmi	Predators
Ngā heketea	34000



Kaihautū Kaupapa

Taranaki Mounga Project Limited

Ngā Hoa Kōtui Māori

- > Ngāruahine
- > Ngāti Maru
- > Ngāti Mutunga
- > Ngāa Rauru
- > Ngāti Ruanui
- > Ngāti Tama
- > Taranaki Iwi
- > Te Āti Awa

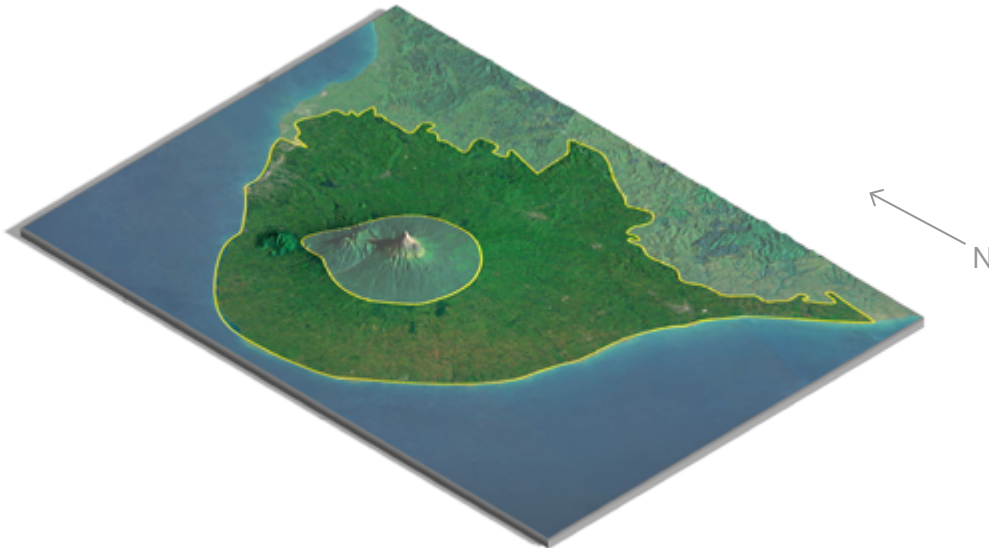
Ngā kaitautoko

- > Department of Conservation*
- > Jasmine Social Investments*
- > Kaitake Ranges Conservation Trust
- > Kiwis for Kiwi
- > Manaaki Whenua – Landcare Research*
- > NEXT Foundation*
- > Rotokare Scenic Reserve Trust
- > Shell NZ*
- > Taranaki Kiwi Trust
- > Toi Foundation*
- > Towards Predator-Free Taranaki
- > Wild for Taranaki

Towards Predator-Free Taranaki Taranaki Taku Tūranga

E whakamātauria ana te haepapatanga o te paihamu puta noa i te ngahere, i ngā whenua pāmu me ngā takiwā tāone, me te whakauru i ngā mahi tāmi whānau toriura puta noa i ngā tau roa o te kaupapa tāmi paihamu a te hapori o te rohe, hei takatū mō te wā e taea ai te haepapa kaikonihī i ngā rohe pēnei te whānui.

Rā timata	May 2018
Rā haepapa	Possums
Whāinga tāmi	Predators
Ngā heketea	4500 (possum eradication) 286100 (predator suppression)



Kaihautū Kaupapa

Taranaki Regional Council

Ngā Hoa Kōtui Māori

- > Ngāruahine
- > Ngāti Maru
- > Ngāti Mutunga
- > Ngāa Rauru
- > Ngāti Ruanui
- > Ngāti Tama
- > Taranaki Iwi
- > Te Āti Awa

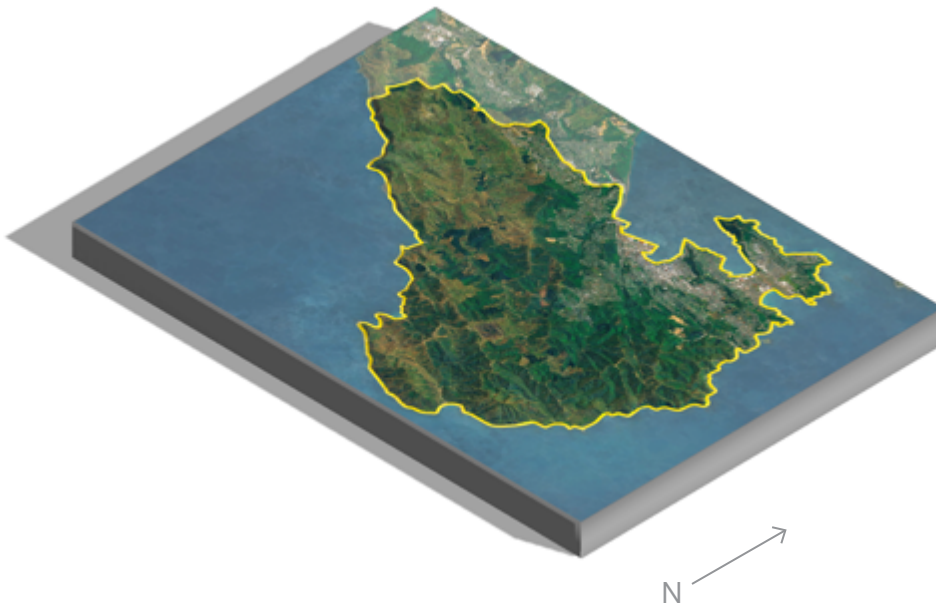
Ngā kaitautoko

- > Department of Conservation
- > Federated Farmers
- > Manaaki Whenua – Landcare Research
- > New Plymouth District Council
- > Predator Free 2050 Limited
- > Taranaki Mounga Project
- > Taranaki Regional Council
- > Stratford District Council
- > South Taranaki District Council
- > Wild for Taranaki
- > Zero Invasive Predators

Predator Free Wellington

E hanga ana i te tāone matua kaikonihi-kore tuatahi o te ao, e puāwai ai te hapori, ngā koiora māori hoki.

Rā timata	August 2018
Rā haepapa	Possums, stoats, weasels and rats
Whāinga tāmi	–
Ngā heketea	30000



Kaihautū Kaupapa

Predator Free Wellington Ltd

Ngā Hoa Kōtui Māori

- > Ngāti Toa Rangatira
- > Taranaki Whānui ki Te Upoko-o-Te-Ika-a-Māui

Ngā kaitautoko

- > 36 backyard trapping groups (active across 50 suburbs and 32 schools participating in the pilot schools programme)
- > Capital Kiwi
- > Forest & Bird
- > Greater Wellington Regional Council*
- > Manaaki Whenua – Landcare Research
- > NEXT Foundation*
- > New Zealand Lottery Grants Board
- > Papa Taiao
- > Predator Free 2050 Limited
- > Victoria University of Wellington
- > Wellington Airport
- > Wellington City Council*
- > Wellington Community Trust
- > Zealandia

Capital Kiwi

Ko te kaupapa ia o Capital Kiwi he whakahoki mai i tētahi taupori kiwi mohoa i ngā hiwi me ngā riu tonu o Te Whanga-nui-a-Tara.

Rā timata	2018
Rā haepapa	Stoats
Whāinga tāmi	–
Ngā heketea	23455



Kaihautū Kaupapa

Capital Kiwi Trust

Ngā Hoa Kōtui Māori

- > Ngāti Toa Rangatira
- > Taranaki Whānui ki Te Upoko-o-Te-Ika-a-Māui

Ngā kaitautoko

- > Department of Conservation
- > Community groups
- > Goodnature
- > Greater Wellington Regional Council
- > Kiwis for Kiwi
- > Landowners
- > Meridian Energy
- > Predator Free 2050 Limited
- > Wellington City Council
- > Wellington Community Trust

Predator Free D'Urville Island Rangitoto Birdsong

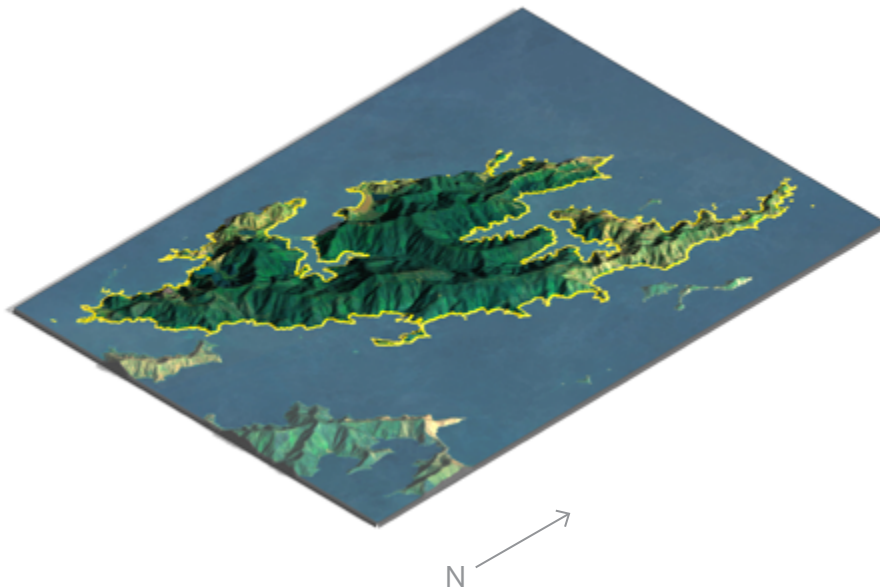
He kaupapa hapori tēnei hei haepapa i te toriura, hei whakaora hoki i ngā manu noho mōrearea, pēnei i te kiwi, i te kākā i te kākāriki, me ērā atu mokomoko, aitanga pepeke hoki ki Rangitoto ki te tonga.

Rā tīmata	August 2020
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Rā haepapa	Stoat
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Whāinga tāmi	–
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Ngā heketea	16782
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Kaihautū Kaupapa

D'Urville Island Stoat Eradication
Charitable Trust (DISECT)

Ngā Hoa Kōtui Māori

> Ngāti Koata

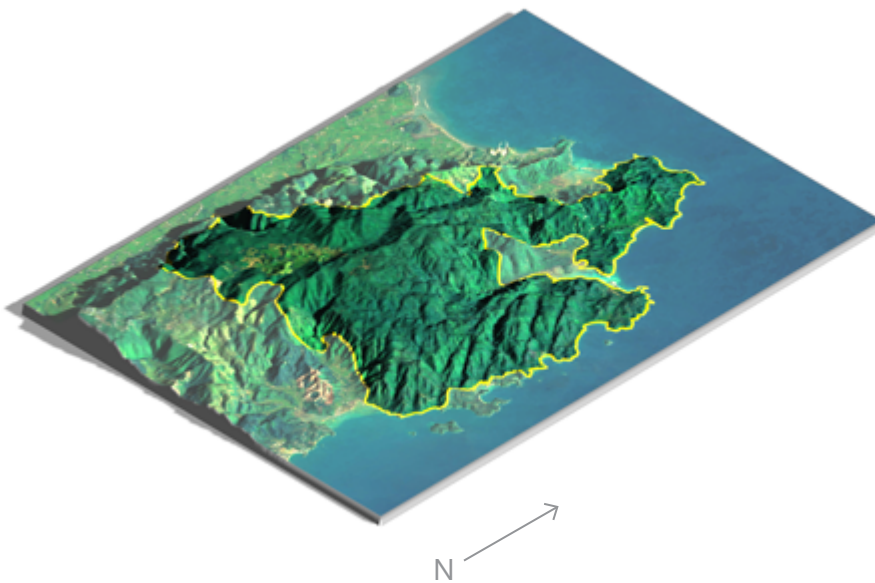
Ngā kaitautoko

- > Department of Conservation
- > Landowners
- > Marlborough District Council
- > NZ Lotteries Grant Board
- > Predator Free 2050 Limited
- > Rātā Foundation

Project Janszoon

He whāinga unahi nui hei whakaora i te rohe hei te tau 2042 - he whakaumutanga hauropi nā ngā pūtea tūmataiti i āwhina, mō te Rāhui nui o Mōhua.

Rā tīmata	2012
Rā haepapa	–
Whāinga tāmi	Predators and pests
Ngā heketea	22530



Kaihautū Kaupapa

Project Janszoon Trust Company Ltd

Ngā Hoa Kōtui Māori

- > Manawhenua ki Mohua
- > Ngāti Tama
- > Ngāti Rarua
- > Te Ātiawa

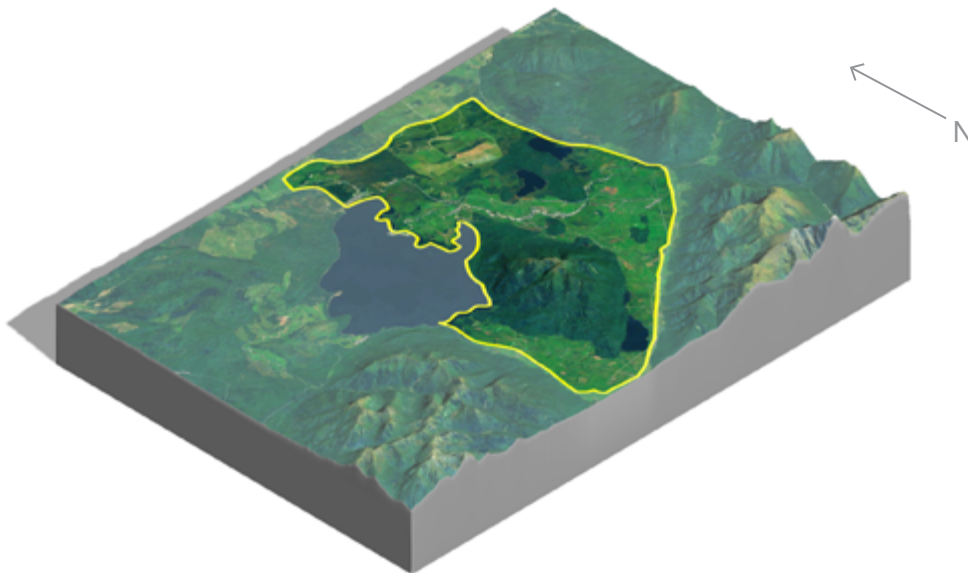
Ngā kaitautoko

- > Abel Tasman Birdsong Trust
- > Abel Tasman concessionaires
- > Air New Zealand
- > Department of Conservation
- > Local community
- > NEXT Foundation*

Predator Free Lake Brunner Rerenga ki taonga o ngā manu ki Kotuku Moana

He aukati i te heke o ngā momo mōrearea, ērā rānei e noho ana i raro i ngā pēhitanga, mā te tuku kia puāwai anō, kia whakaputa uri hoki ki tētahi takiwā 'mai i ngā Pae Maunga ki te Moana'.

Rā timata	May 2020
Rā haepapa	Possums
Whāinga tāmi	Predators
Ngā heketea	3700 (possum eradication) 11000 (predator suppression)



Kaihautū Kaupapa

West Coast Regional Council

Ngā Hoa Kōtui Māori

> Te Rūnanga o Ngāti Waewae

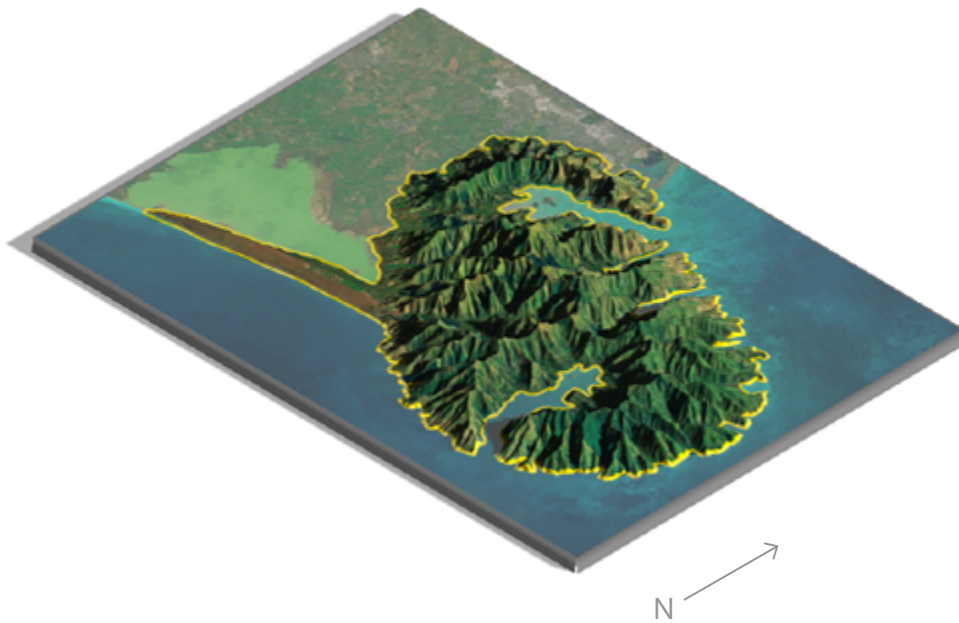
Ngā kaitautoko

- > Community groups
- > Department of Conservation
- > Lake Brunner Community Catchment Care Group
- > Local farmers
- > OSPRI
- > Predator Free 2050 Limited
- > Tai Poutini Polytechnic
- > West Coast Regional Council
- > Zero Invasive Predators

Pest Free Banks Peninsula Te Pātaka o Rākaihautū

He kaupapa mahi pāhekoheko hei tiaki hei whakapiki hoki i te kanorau koiora i te kūrae, mā te haepapa whānui i ngā kīrearea kararehe.

Rā timata	August 2020
Rā haepapa	Possums (Extended Wildside project - 23 000ha), mustelids, possums, hedgehogs, feral cats (Kaitorete - 5 000ha)
Whāinga tāmi	–
Ngā heketea	28 000



Kaihautū Kaupapa

Banks Peninsula Conservation Trust

Ngā Hoa Kōtui Māori

Ngāi Tahu rūnanga:

- > Ōnuku Rūnanga
- > Te Hapū o Ngāti Wheke (Rāpaki) Rūnanga
- > Te Taumutu Rūnanga
- > Te Rūnanga o Koukourarata
- > Wairewa Rūnanga

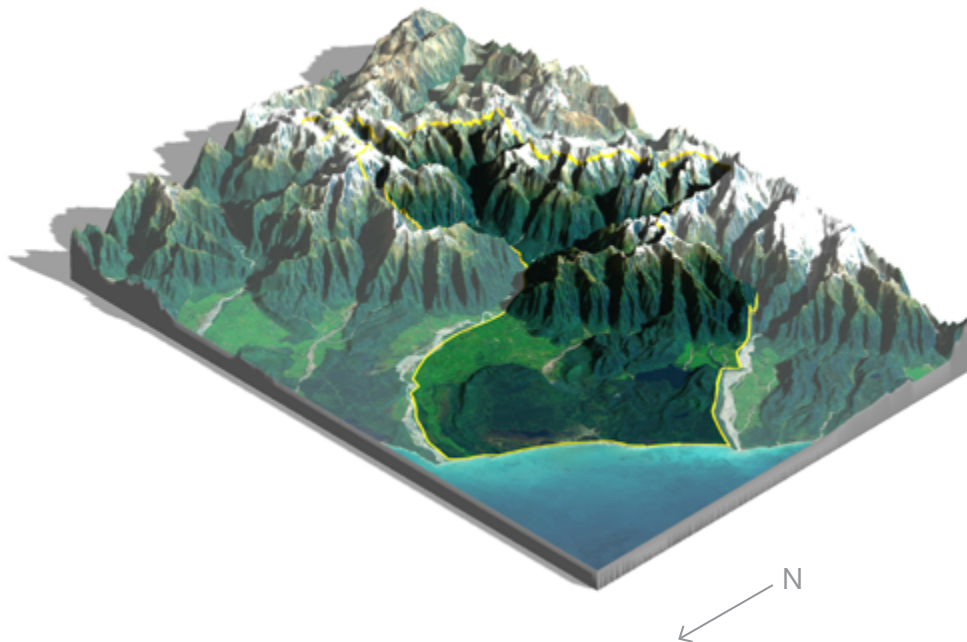
Ngā kaitautoko

- > The Cacophony Project
- > Christchurch City Council
- > Department of Conservation
- > Environment Canterbury
- > Living Springs
- > Predator Free 2050 Limited
- > Rod Donald
Banks Peninsula Trust
- > Selwyn District Council
- > Summit Road Society

Predator Free South Westland

He whāinga unahi nui 5-tau te roa hei haepapa i te paihamu, i te kiore, i te toriura mai i ētahi whenua 100,000 heketea te rahi mai i ngā awa o Whataroa me Waiou (Waiho), te keokeonga o Kā Tiritiri o te Moana/Southern Alps, me ngā takutai o Te Tai-o-Rēhua/Tasman Sea.

Rā timata	March 2021
Rā haepapa	Possums, rats and stoats
Whāinga tāmi	–
Ngā heketea	100000



Kaihautū Kaupapa

Predator Free South Westland Ltd

Ngā Hoa Kōtui Māori

> Te Rūnanga o Makaawhio

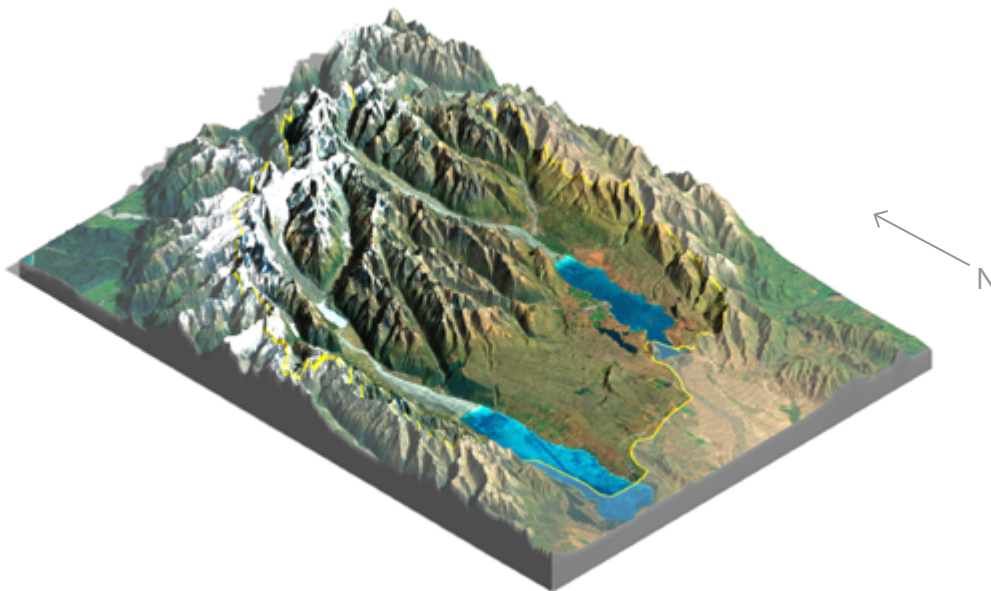
Ngā kaitautoko

- > Department of Conservation*
- > Jasmine Social Investments*
- > Jobs for Nature*
- > NEXT Foundation*
- > OSPRI*
- > Predator Free 2050 Limited*
- > South Westland community*
- > Zero Invasive Predators

Te Manahuna Aoraki

E whakaora ana i ngā takotoranga whenua me ngā momo e noho ana i raro i ngā pēhitanga, o te kāuru whakarunga o Waitaki, me te Rāhui nui o Aoraki.

Rā tīmata	2018
Rā haepapa	Predators
Whāinga tāmi	–
Ngā heketea	310 000



Kaihautū Kaupapa

Te Manahuna Aoraki

Ngā Hoa Kōtui Māori

- > Te Rūnanga o Arowhenua
- > Te Rūnanga o Moeraki
- > Te Rūnanga o Waihao

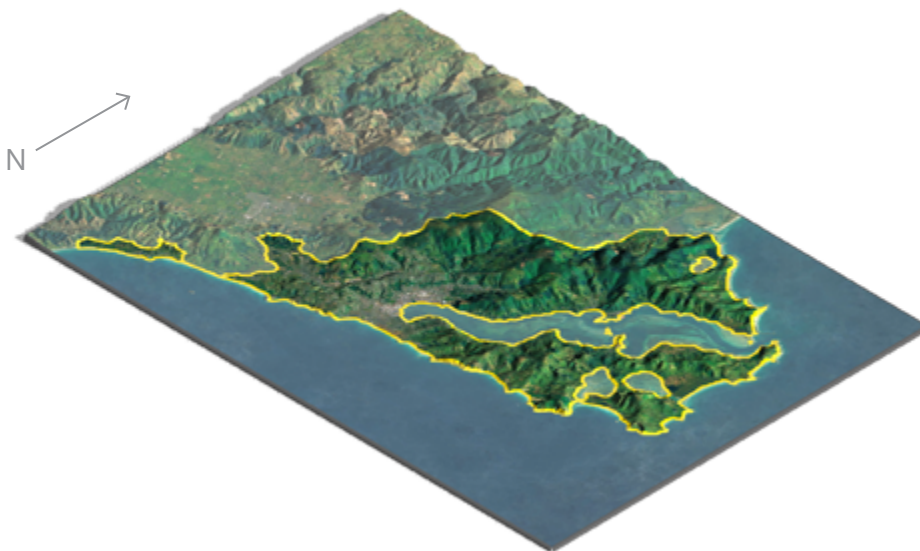
Ngā kaitautoko

- > Aotearoa Foundation*
- > Department of Conservation*
- > Environment Canterbury
- > High country land owners*
- > Jasmine Social Investments*
- > Land Information New Zealand
- > Ministry of Defence
- > NEXT Foundation*
- > Predator Free 2050 Limited*
- > Project River Recovery
- > Predator Free Aoraki
- > Re:Wild*

Predator Free Dunedin

He kotahitanga atawhai i te taiao i whakapipiri mai hei hanga tāone kanorau koirā huhua.

Rā tīmata	October 2018
Rā haepapa	Possums
Whāinga tāmi	Stoats and rats
Ngā heketea	9000 (possum eradication) 30000 (total)



Kaihautū Kaupapa

Predator Free Dunedin
Charitable Trust

Ngā Hoa Kōtui Māori

- > Kāti Huirapa Rūnaka ki Puketeraki
- > Te Rūnanga o Ngāi Tahu
- > Te Rūnanga o Otakou

Ngā kaitautoko

- > Blue Penguins Pukekura
- > Department of Conservation
- > Dunedin Amenities Society
- > Dunedin City Council
- > Forest & Bird
- > Landscape Connections Trust
- > Manaaki Whenua – Landcare Research
- > Open Vue
- > Orokonui Ecosanctuary
- > OSPRI
- > The Otago Chamber of Commerce
- > Otago Peninsula Biodiversity Group
- > Otago Polytechnic
- > Otago Regional Council
- > Predator Free 2050 Limited
- > Quarantine Island - Kamau Taurua
- > Save the Otago Peninsula Inc.
- > University of Otago
- > Wild Dunedin
- > Yellow-eyed Penguin Trust

Te hangarau, te rangahau me te whanaketanga

He unahi nui ngā wero pāpori, hangarau hoki o tētahi whāinga pēnei i Kaikonihi-Kore 2050. E eke ai ki ōna paetae, me whakamahi kia tika ake ngā taputapu o nāianei, i te taha o ētahi taputapu hou me ngā rangahau pūtaiao pāpori kia mārama ai tātou ki ngā wawata o te hunga o waho, e tuia mai ai, e tautoko mai ai rātou i Kaikonihi-Kore 2050.

Nā ngā mahi tūhura ariā o te rōpū pāhekoheko 'Advancing our knowledge, innovation and improvement' i kōwae ngā mahi pūtaiao e tika ana ki ētahi wehenga mātauranga e toru.

E kūmea ana ki roto i Kaikonihi-Kore 2050 ngā aronga rangahau, hangarau hoki o te matahuhua o ngā whakahaere – ka nui te ahunga whakamua i roto i ngā tau e 5 mā ngā kōkiri rangahau, whanaketanga 50 neke atu (e tākina atu nei te hōhonutanga i te Tāpiritanga B). Ka taea ēnei kōkiri te kōwae ki ētahi kāwai whānui e toru: ko ngā taputapu (hei tauira, ngā poapoa, ngā toromāhanga me ngā ritenga hou hei whakahaere, hei haepapa hoki i ngā kaikonihi), ngā rangahau (hei tauira, he rangahau pūtaiao hei puna mō te whakawhanake taputapu, ritenga mahi rānei) me ngā pūmanawa (hei tauira, he pūmanawa hou hei whakapiki i ngā whakahaere raraunga).



Te whirinakitanga horopaki: Momo, rīpoinga, te whakamahinga whenua, ngā hapori, ngā hangarau me te ōhanga.

Hoahoa 8: He kōkiri pūtaiao e wehewehengia ana ki ētahi tāhuhu mātauranga Kaikonihī-Kore.

Kei ngā kauwhata e whai ake nei¹⁸ puta ai te mōhiotanga e hāngai ana te tohanga o ngā kōkiri rangahau, whanaketanga hoki ki ngā āhuatanga i tūmanakotia i te tīmatanga o te kōkiri Kaikonihi-Kore 2050 – arā, i aronuitia te rangahau me te hanga ara, taputapu hoki mō te haepapa i ngā rohe whānui. Ko te nuinga o ngā mahi ka hāngai ki te whakawhānui i ngā rangahau me ngā hangarau o ēnei rā, engari e āta hāhautia ana ngā hangarau e whakatupuria ana i ētahi atu rāngai,

i tāwāhi hoki, tērā pea ka whai pānga ki Kaikonihi-Kore. Hei te takanga o ngā tau, hei te pikinga hoki o ō tātou pūkenga haepapa, ka kitea he pikinga ake o te haumitanga ki te rangahau me te whanaketanga, e aro ana ki te whakapūmau i ngā ahunga whakamua mō te haepapa, me te aroturuki whakaekenga anō. Ahakoa tērā ētahi kōkiri mō te waihanga me te whakaū i te tautoko o te iwi tūmatanui, kei te āhua pāpaku noa te haumitanga i tēnei wāhanga, ina whakaritea ki ētahi atu.

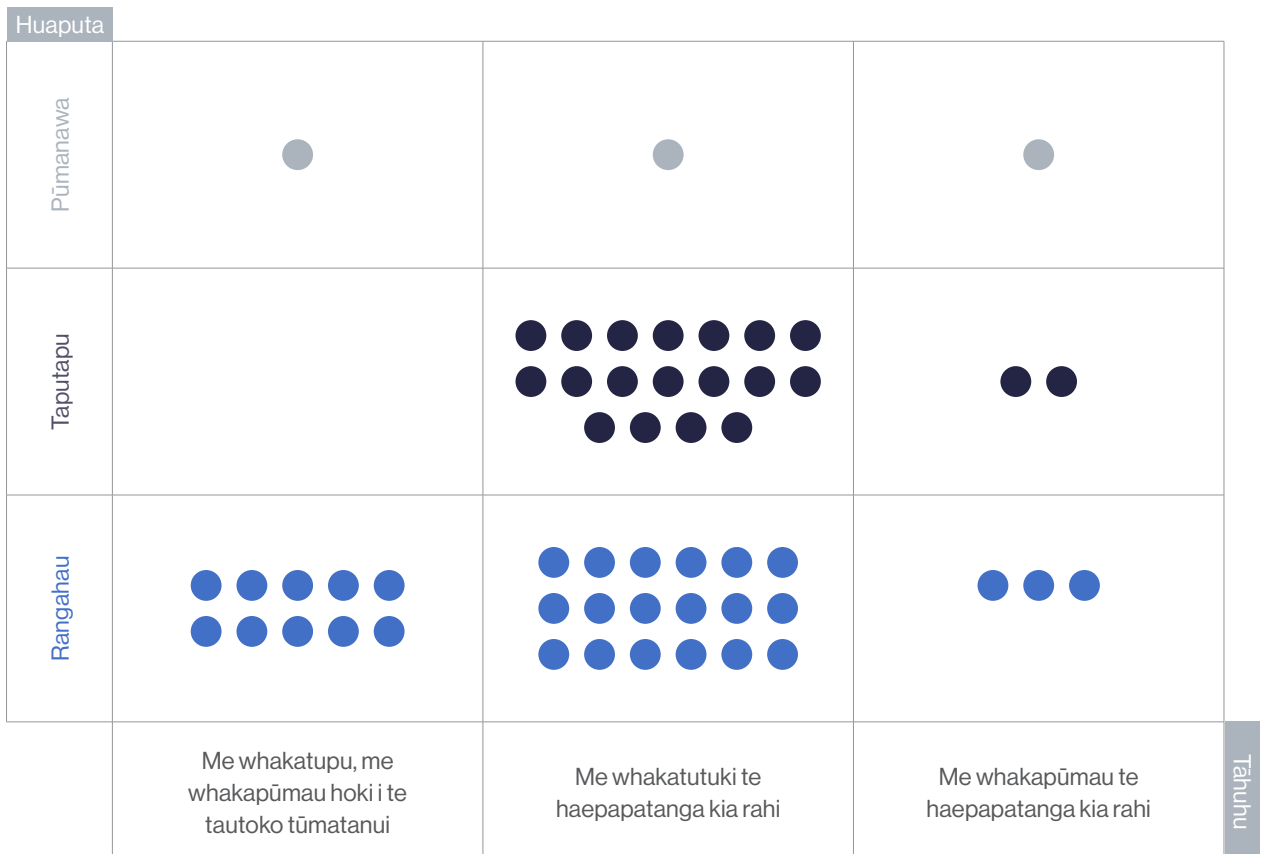
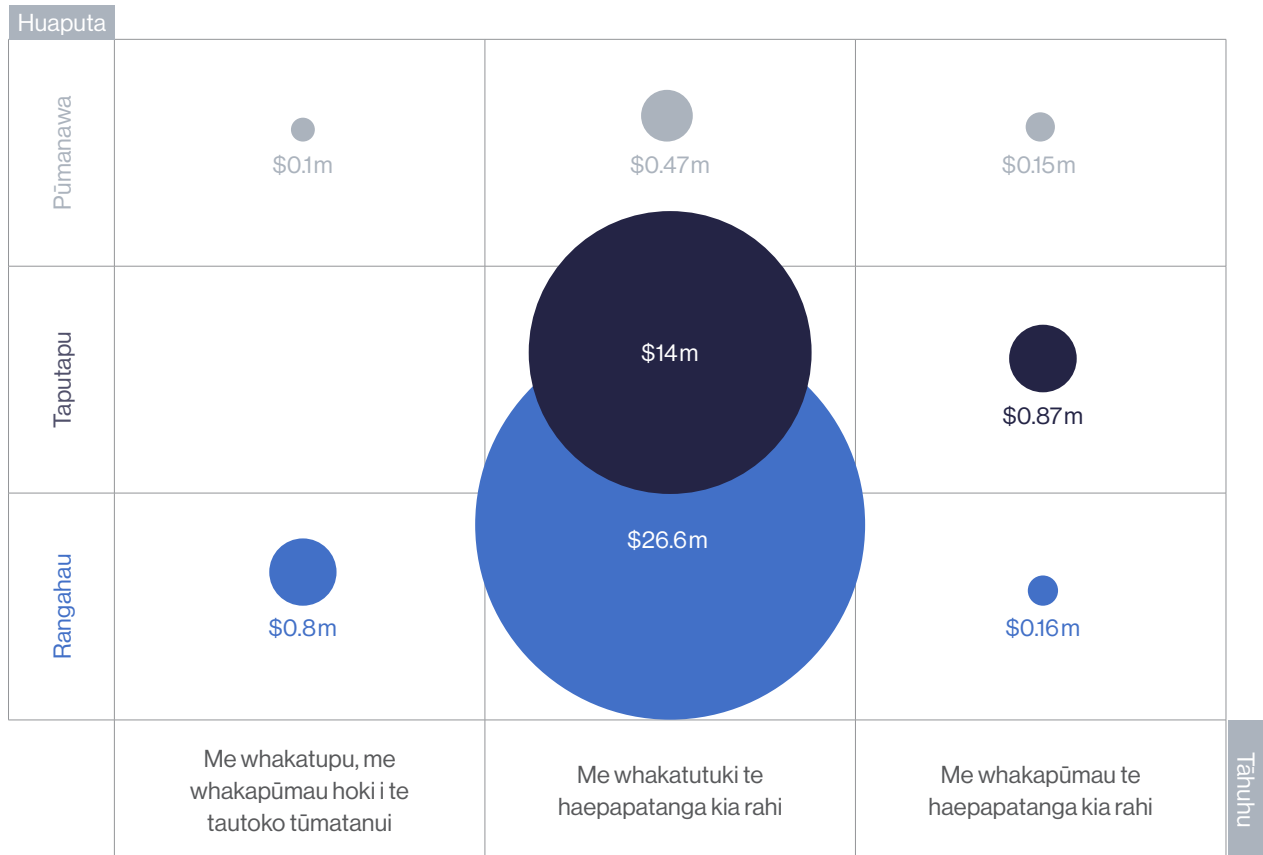


Figure 9: Te tohanga o ngā kōkiri puta noa i ngā tāhuhu me ngā huaputa. Ko ia ● hei tohu mō tētahi kōkiri kotahi.

¹⁸ He āwhiwhiwhi noa ēnei raraunga, i takea mai i ngā mōhiotanga i ngā puna tūmatanui me ngā raraunga i homai ki Te Papa Atawhai.



Hoahoa 10: Te tohanga tōpū o ngā whāngainga tahua puta noa i ngā tāhuhu me ngā huaputa
 Hei tohu ia mirumiru mō te tohanga tōpū o ngā whāngainga mō te wāhanga hāngai.

He mātai tūāhua:

Mai i tētahi ara nā ngā hua i whakahau, ki tētahi ara nā ngā akoranga i tohu

Kei te 'ako mā te raweke' ngā tāngata o Aotearoa i ngā kaupapa rohe whānui tuatahi puta noa i te motu katoa.

I a tātou e ako ana, kia mataara tātou tērā ka huri ki ara kē nā te mōhio haere ki ngā kaikonihī, ki te mātai hauropi ki te tangata hoki. Me te aha anō, me tohatoha ngā hua ka puta i ngā kaupapa kia whaihua ai te hāpori Kaikonihī-Kore 2050.

E whakaatu ana tēnei i te huarahi kāore anō i hōparatia e Kaikonihī-Kore 2050. E whakaatu ana hoki kāore pea i a tātou ngā urupare katoa, ā, me āta haere 'kia kite i ngā rarunga i tawhiti' kia kakama, kia urutau.

Ko Te Manahuna Aoraki tētahi kaupapa whakaumu i te kāuru whakarunga o Waitaki, me te Whenua Rāhui o Aoraki/Mt Cook National Park. Ko tā tēnei kaupapa he whai kia whakarauorangia ngā takotoranga whenua me ngā momo koiara noho mōrearea o reira, tae atu ki ngā awa kairangirangi, ngā wāhi tītōhea o ngā maunga me ngā kīrehe, manu o reira, pēnei i te kākī/ black stilt, i te ngutu parore/wrybill, i te tarapirohe/black-fronted tern, i te māwhitiwhiti e kīa nei ko te māwhitiwhiti o Te Manahuna, i te kea me te tuke/rock wren. Ko ngā hoa whakarewa tuatahi i te kaupapa ko Te Rūnaka o Arowhenua, ko Te Rūnaka o Moeraki, ko Te Rūnaka o Waihao, ko Te Papa Atawhai me te NEXT Foundation.

E haere ana tēnei kaupapa mā runga i ngā tikanga nā ngā akoranga i tohu – he mea āta whakatū kia noho mai he wāhanga whakawhanake i te tīmatanga, ā, e kawea ana i roto ētahi kaupapa hei kawea whakamua i ngā pikinga kanorau koiara, kia horaina mai hoki he akoranga taketake mō ngā rā kei mua. Ko te whāinga he tiaki i ngā painga whenua tauraki ahurei puta noa i ngā whenua 310,000 heketea o te kāuru whakarunga o Waitaki, mā te haepapa kīrearea. He mea taketake te pāhekoheko, koia i noho ai ko ngā hoa kōtui taketake pēnei i Te Papa Atawhai, i ngā iwi, me ngā kaupupuru

whenua ki te tārei i ngā kaupapa tuatahi, ki te homai mōhio tangata hoki mō te mahere wā roa. Ka puta te whakatau mō te haere tonu, ki tua atu i te wāhanga whakawhanake, i mua i te Pipiri 2022. Ina ētahi tauira o ngā kaupapa rangahau o te kaupapa.

Ngā maunga hei tauārai

I whakamahia e ngā rangahau nā Nick Fost, ākonga tohu kairangi o Te Whare Wānanga o Ōtākou, i te haumitanga o ngā pūrere tiroiro, tae atu ki ētahi kāri ngaungau, tomo aroturuki, kāmera tairongo kori, me ngā pū tuku hīhi GPS kia mōhiohia he pēhea te tawhiti o te karore o te kaikonihī i ngā maunga. Mā tēnei rangahau ka mārāma tātou he pēhea rawa te whāinga hua o te noho o te maunga hei tauārai mō te kaikonihī – ka noho hei pūtake mō te hoahoa i ngā wāhanga o te kaupapa hei raurangi.

Te araturuki huaputa mō te tāmi kaikonihī

He mea taketake te aroturuki raraunga e mōhio ai ngā tira ki te pānga o ā rātou raweketanga i te taiao. E kawea ana e te tira rangahau ētahi aroturuki tohu tuatahi mō ngā manu māori, ngā mokomoko, ngā kararehe iwi kore hoki kia mōhiohia ai te pānga o ngā whatunga tārore ki te oranga o ēnei momo noho mōrearea.

He taiepa mō te māwhitiwhiti o Te Manahuna

Kua hangaia tētahi taiepa ārai kaikonihī motuhake hei tiaki i tētahi whenua 6,000 sq m te rahi mō te māwhitiwhiti o Te Manahuna, e noho mōrearea nei. E whakaarotia ana koinei te ripoinga whai taiepa tuatahi mō tētahi pepeke, ā, koinei te kōkiri tuatahi hei tiaki i te māwhitiwhiti o Te Manahuna, e kore ai e kainga e te nuinga o ngā kaikonihī whāngote. Ka haere tonu ngā mahi arotake a Te Manahuna Aoraki kia mārāma ai ki te pānga o te tango i ngā kaikonihī, mō te oranga pūmau o te pepeke nei.

He whakamātautau i tētahi taiepa Kaikonihi-Kore

Ki te haere tonu ngā mahi a Te Manahuna Aoraki i te wāhanga whakawhanake, me hoki anō ki te hanga taiepa aukati rawa i te kaikonihi hei tiaki i ētahi wāhi o te takiwā o te kaupapa, kia kore ai e whakaeke anō. E whakamātautau ana te kaupapa i ētahi hoahoa taiepa aukati rawa i te kaikonihi i ngā wāhi teitei o te Ikawhenua Two Thumbs kia mōhiotia he pēhea te toitū ina tukia e ngā hau me te tio i te takiwā o te kaupapa.

He whakamātautau i te haepapa i te toriura

E whakamātautau ana te kaupapa mehemea ka taea te haepapa rawa i te toriura i te wāhi uua o ngā maunga, tata ki te 2150 heketea, i te taha whaka-te-uru o te Ikawhenua Malte Brun i te Whenua Rāhui o Aoraki Mount Cook. I kōwhiria ai tēnei wāhi hei pae nā te mea kei runga kē atu te nuinga o ngā takiwā tērā pea ka whakaekea anō i te 2400 m te teitei, e karapotingia ana e te awa kōpaka, e iti iho ai pea te whakawhitinga mai o te toriura, ā, ka noho ērā wāhi hei tauārai maunga ki te whakaekenga anō.

Ka haere ngā mahi tārore mā runga i tētahi whatunga tirotiro, e whakamahi nei i ngā hangarau hou pēnei i ngā poapoa mīhini, me ngā kāmera ara kīrearea kia mōhiotia ai e hia ngā toriura i reira i tēnei takiwā maunga raungaiti, he pēhea hoki te tāmi kaikonihi i whakaheke ai i te maha. Mā tēnei rangahau ka pai ake te whakamahere a Te Manahuna Aoraki i ngā mahi tāmi kaikonihi hei raurangi, mō ēnei takiwā maunga.

NEXT Foundation

He tino kakama ngā mahi hautū, auaha, whāngai pūtea hoki a te tahua āwhina tangata e mōhiotia nei ko NEXT Foundation, kia āhei ai Aotearoa New Zealand kia Kaikonihi-Kore hei te tau 2050. Mai i tōna tīmatanga kua tāpaetia e NEXT tētahi \$50 miriona ki ētahi kaupapa whakaora rohe whānui. Nāna hoki, me Te Papa Atawhai, tētahi wāhi o te timata me te whāngai pūtea ki Zero Invasive Predators – te rōpū mahi aroha māna e kawea te haepapa mō te whakawhanake i ngā taputapu me ngā tikanga mahi e tika ai t e auaha tūturu i te ao kaikonihi-kore.

He kaiwhakakorikori motuhake a NEXT, ā, e ū ana tana titiro ki te tūhonohono i ngā kaiwhāngai pūtea kaipakihi, te hunga ngākau atawhai hoki, ki ngā whānau, ki ngā hapū, ki ngā iwi, ki te kāwanatanga me ētahi atu hinonga, kia haumi ki ngā kaupapa tautiaki rohe whānui wāwāhi taiepa. Kua puta kē mai ētahi painga kanorau koiora, tuitui hapori hoki, ina noa atu te nui, e puta nei tētahi whakaumutanga taiao, ōhanga mō ngā whakatupuranga, e kawea nei hoki te ngākau o te tini kia whai mai.

I te tau 2014 i waitohutia e te NEXT Foundation me te Kāwanatanga te Tomorrow Accord, e herea ai te Karauna kia puritia ngā pikinga ake hauropi nā ngā kaupapa taiao a NEXT Foundation i whakawhānau mai.

Mā ngā huaputa ka whakaaetia e hāpainga ake te kawenga pupuru i aua pikinga ake e Te Papa Atawhai, hei te taenga ki ia whakaumutanga, ā, ka taea hoki te whakaaetanga nei te whakamahi hei taurira taketake mō ētahi atu whakahaere atawhai i te tangata.

Tāpiritanga A:

Ngā kōkiri rangahau, whakawhanake hoki

Ngā kōkiri rangahau

Taitara kaupapa	Kai whāngai tahua	Ko wai te (ngā) rōpū whai wāhi?	Kaikonihi e Arumia ana
Biosecurity 2025 Science Strategy	> Biological Heritage National Science Challenge	> MPI	Multiple predators
Biosphere Data Commons Phase One	> Predator Free 2050 Limited > NEXT Foundation > Tindall Foundation > Project Crimson > Biological Heritage National Science Challenge	> Noos Ltd	
Developing Possum Specific Poisons	> Ministry of Business Innovation and Employment	> Biological Heritage National Science Challenge	Possums
Drones for possum detection and precision baiting	> Predator Free 2050 Limited > OSPRI	> Manaaki Whenua – Landcare Research > Envico Technologies	Possum
Eradication Science: eliminating the last survivors to achieve predator freedom	> Predator Free 2050 Limited	> Manaaki Whenua – Landcare Research	Multiple predators
Evaluating the Papa Taiao Predator Free Secondary Schools Leadership and Awards	> Predator Free 2050 Limited	> Papa Taiao Earthcare	
Evaluating the potential of foliage penetrating radar systems for detecting brushtail possum in New Zealand forests, and scoping novel technologies for advancing PF2050's mission.	> Predator Free 2050 Limited > OSPRI	> Envico Technologies > Island Conservation > Candy Group	Possum
Identifying key conditions for biodiversity and social outcomes from community led conservation	> Predator Free 2050 Limited > NEXT Foundation	> The Catalyst Group	Predators
Influence of previous predator control on the personality of brushtail possum (<i>Trichosurus vulpecula</i>) populations	> Predator Free 2050 Limited	> University of Otago	Possum
Landscape Genetics of Brushtail Possums in New Zealand	> Predator Free 2050 Limited	> Massey University	Possum

Taitara kaupapa	Kai whāngai tahua	Ko wai te (ngā) rōpū whai wāhi?	Kaikonihi e Arumia ana
Landscape-Scale Research and Development to Completely Remove Possums	<ul style="list-style-type: none"> > Predator Free 2050 Limited > Department of Conservation > NEXT Foundation 	<ul style="list-style-type: none"> > Zero Invasive Predators 	Possum
Low-cost eradication of possums from native forest	<ul style="list-style-type: none"> > Predator Free 2050 Limited > OSPRI > Manaaki Whenua – Landcare Research 	<ul style="list-style-type: none"> > Manaaki Whenua – Landcare Research 	Possum
Mammal pest control tool supporting Predator Free 2050	<ul style="list-style-type: none"> > Biological Heritage National Science Challenge 	<ul style="list-style-type: none"> > Biological Heritage National Science Challenge 	Multiple predators
More birds in the bush: large-scale restoration across complex forests	<ul style="list-style-type: none"> > Ministry of Business Innovation and Employment 	<ul style="list-style-type: none"> > Manaaki Whenua – Landcare Research 	Multiple predators
Position paper on the role of genetic and genomic technologies	<ul style="list-style-type: none"> > Biological Heritage National Science Challenge 	<ul style="list-style-type: none"> > Biological Heritage National Science Challenge 	Multiple predators
Public perceptions survey	<ul style="list-style-type: none"> > Biological Heritage National Science Challenge > Predator Free 2050 Limited 		
Quantitative decision support for eradication	<ul style="list-style-type: none"> > Quantitative decision support for eradication > CISS > Manaaki Whenua – Landcare Research 	<ul style="list-style-type: none"> > Manaaki Whenua – Landcare Research 	Multiple predators
Realistic population modelling of gene drive strategies for rodent control in New Zealand	<ul style="list-style-type: none"> > Predator Free 2050 Limited > Cornell University > Manaaki Whenua – Landcare Research > National Institute of General Medical Sciences 	<ul style="list-style-type: none"> > Manaaki Whenua – Landcare Research > Cornell University 	Rats
Research Programme: Hi-tech solutions/small mammals	<ul style="list-style-type: none"> > Biological Heritage National Science Challenge 	<ul style="list-style-type: none"> > University of Auckland > Department of Conservation 	Multiple predators
Research Programme: Novel Technologies & novel pest control perspectives (inc. Public perceptions of pest control and social licence)	<ul style="list-style-type: none"> > Biological Heritage National Science Challenge 	<ul style="list-style-type: none"> > Department of Conservation 	Multiple predators

Taitara kaupapa	Kai whāngai tahua	Ko wai te (ngā) rōpū whai wāhi?	Kaikonihi e Arumia ana
Shared data standards for predator-free relevant data	> Predator Free 2050 Limited	> Multiple agencies	
Social research on novel pest control methods	> Predator Free 2050 Limited > Biological Heritage National Science Challenge	> Manaaki Whenua – Landcare Research > DOC	Multiple predators
Stakeholder network analysis' needed for Predator-Free NZ (with Shaun Hendy UoA)	> Biological Heritage National Science Challenge	> University of Auckland	
Strategic Science Investment Fund: Landscape Scale Projects	> Ministry of Business Innovation and Employment	> Manaaki Whenua – Landcare Research	Multiple predators
Stoat genome assembly, and landscape genetics	> Predator Free 2050 Limited > Manaaki Whenua – Landcare Research	> Manaaki Whenua – Landcare Research	Mustelids
Testing the efficacy of the Victor Professional rat trap for catching ship and Norway rats and Modified Victor stoat and rat trap for catching Norway rats*	> Predator Free 2050 Limited	> Manaaki Whenua – Landcare Research	Predators
Thermal Camera & AI Predator Monitoring Tool	> Predator Free 2050 Limited > Genomics Aotearoa > CSIRO	> University of Otago > CSIRO	Rats
Wellington Rats: A look at home ranges and detection probabilities	> Predator Free 2050 Limited	> University of Wellington	Rats
Wielding knowledge of the spatial and temporal distributions of invasive small mammals across an altitudinal gradient to refine and advance mainland pest eradication strategies in the uplands of the Mackenzie Basin	> Predator Free 2050 Limited > Te Manahuna Aoraki	> Te Manahuna Aoraki	Multiple predators
Zero Density Possum Maintenance and Consequences for Competing Rats	> Predator Free 2050 Limited	> University of Auckland	Predators

Taketake

* hei tohu mō ngā hua kua timata kē te hoko ki te ao

Ngā kōkiri taputapu

Taitara kaupapa	Kai whāngai tahua	Ko wai te (ngā) rōpū whai wāhi?	Kaikonihi e Arumia ana
AutoDispense - A low cost, open-source, automated, multi-species lure delivery system	<ul style="list-style-type: none"> > Predator Free 2050 Limited > Department of Conservation 	<ul style="list-style-type: none"> > Boffa Miskell Ltd 	Multiple predators
Long life, solid state lures for rodents, possums and mustelids	<ul style="list-style-type: none"> > Predator Free 2050 Limited > Murdoch University > Pukaha Mount Bruce > Forest Life Force restoration trust > Northland Regional Council 	<ul style="list-style-type: none"> > Boffa Miskell Ltd 	Predators
Development of a new bait to control stoats using PAPP	<ul style="list-style-type: none"> > Department of Conservation 	<ul style="list-style-type: none"> > Department of Conservation 	Mustelids
LoraWAN Repeater Software & Hardware	<ul style="list-style-type: none"> > Predator Free 2050 Limited 	<ul style="list-style-type: none"> > EcoNode 	Predators
Spitfire - Toxin delivery device	<ul style="list-style-type: none"> > Predator Free 2050 Limited > Department of Conservation 	<ul style="list-style-type: none"> > Envico Technologies 	Multiple predators
Using drone technology to eradicate predators	<ul style="list-style-type: none"> > Department of Conservation 	<ul style="list-style-type: none"> > Envico Technologies 	Multiple predators
Aerially deployed biodegradable rat trap	<ul style="list-style-type: none"> > Department of Conservation 	<ul style="list-style-type: none"> > Goodnature 	Rats
Autorat – a rat optimised automatic trap, lure and digital data system	<ul style="list-style-type: none"> > Predator Free 2050 Limited 	<ul style="list-style-type: none"> > Goodnature 	Rats
Hammerforce: Multi-Species self-resetting Trap	<ul style="list-style-type: none"> > Predator Free 2050 Limited > Hammerforce Ltd 	<ul style="list-style-type: none"> > Hammerforce Ltd 	Predators
Automated pest detection – PAWS® pest identification sensor pad	<ul style="list-style-type: none"> > Department of Conservation 	<ul style="list-style-type: none"> > Lincoln Agritech > Boffa Miskell Ltd > Red Fern Solutions 	Multiple predators
Extending a Norway rat-selective pesticide to also target ship rats	<ul style="list-style-type: none"> > Department of Conservation 	<ul style="list-style-type: none"> > Manaaki Whenua – Landcare Research 	Rats
Image recognition - An integrated approach for camera trap data	<ul style="list-style-type: none"> > Predator Free 2050 Limited > Groundtruth 	<ul style="list-style-type: none"> > Manaaki Whenua – Landcare Research 	Multiple predators
New methods to evaluate the vulnerability of native birds to PAPP	<ul style="list-style-type: none"> > Department of Conservation 	<ul style="list-style-type: none"> > Manaaki Whenua – Landcare Research 	Bird protection

Taitara kaupapa	Kai whāngai tahua	Ko wai te (ngā) rōpū whai wāhi?	Kaikonihi e Arumia ana
AT220 Auto Rebait Reset*	> Predator Free 2050 Limited	> NZ Autotraps	Possum and rat
Norbormide formulation for rat control	> Predator Free 2050 Limited > IPC Ltd	> University of Auckland > Boffa Miskell Ltd > IPC Ltd	Rats
Developing a long life multispecies lure	> Department of Conservation	> University of Canterbury	Multiple predators
Bringing long-life rat lures to market	> Department of Conservation	> University of Wellington	Rats
Backcountry (A.I. Enabled Auto-Reporting) Detection Camera	> Predator Free 2050 Limited	> Zero Invasive Predators	Multiple predators
Products that enable the 'Remove and Protect' Approach (ZIP Motorlure, ZIP Outpost, ZIP PossStop)*	> Predator Free 2050 Limited > Department of Conservation > NEXT Foundation	> Zero Invasive Predators	Multiple predators
Zero Invasive Predators: AI Predator detection camera	> Biological Heritage National Science Challenge	> Zero Invasive Predators	Multiple predators

Taketake

* hei tohu mō ngā hua kua timata kē te hoko ki te ao

Taitara kaupapa	Kai whāngai tahua Ngā kōkiri pūmanawa	Ko wai te (ngā) rōpū whai wāhi?	Kaikonihī e Arumia ana
TrapNZ Collaborative 2018-19 and 2019-20 Work Programmes	<ul style="list-style-type: none"> > Predator Free 2050 Limited > Hawkes Bay Regional Council > Predator Free Wellington > Project Janszoon > Taranaki Mouna Project > Northland Regional Council > Taranaki Regional Council > Regional Council BioManagers 	<ul style="list-style-type: none"> > Groundtruth Ltd 	
FlexiComms: remote communications for nation-wide deployment of devices	<ul style="list-style-type: none"> > Predator Free 2050 Limited > Red Fern Solutions Ltd 	<ul style="list-style-type: none"> > Red Fern Solutions Ltd 	
Digital Products - Design for manufacture and tooling of high catch rate live capture trap	<ul style="list-style-type: none"> > Predator Free 2050 Limited > NEXT Foundation > Manaaki Whenua – Landcare Research > Jasmine Social Investments 	<ul style="list-style-type: none"> > The Cacophany Project 	