

Mei 2024

# Te whai i te kakano

## Tuhinga whakarāpopoto



**Parliamentary Commissioner for the Environment**  
Te Kaitiaki Taiao a Te Whare Pāremata



Ka taea tēnei tuhinga te tārua ina whakaatuhia te mātāpuna. E wātea ana tēnei pūrongo me ētahi atu tānga hoki nā Te Kaitiaki Taiao a Te Whare Pāremata ki pce.parliament.nz.

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Taupō, Dougal Townsend, GNS Science

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# Kupu whakataki

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Ko te whāinga o taku pūrongo, *Te whai i te kakano: Te panoni whakamahi whenua kia tau ki te horanuku*,<sup>2</sup> kia whakamārama i ngā wero huhua ā-taiao kei mua i te aroaro o te tuawhenua o Aotearoa, me ētahi o te tauutuutu uua e puta mai ina whakatutukihia ana aua wero. Ko taku tūmanako mā taku pūrongo e whakaatu i te ahunga whakamua pea mēnā he tūturu te urupare ki ngā wero e toru o te panoni āhuarangi, te ngaromanga kanorau koiora me te kounga wai. Me urupare mātou kia aro ki te oranga ā-ohaoha, ā-pāpori, ā-ahurea hoki o ō tātou rohe.

Ka whiria e tēnei pūrongo ngā aho maha o aku mahi i roto i ngā tau e ono kua hipa kia whakatakoto i te ara kē hei whakaaroaro i te kaupapahere taiao. Kāore e whakahau *me* aha hei urupare ki te panoni whakamahi whenua. Engari, ka whakahuatia tētahi *hātepe*. Ko taku tūmanako he hātepe e tautoko ai i a tātou kia tīmata ki te mahi i runga i ngā take kei mua i te aroaro. He roa rawa tātou e tatari ana ki te rārangī tīmata, e tiro ana ki ngā whāinga taiao e whakaritea ana mō te wā e heke mai nei. Engari, ina roa rawa tātou e whaiwhakaaro ana me pēhea e tīmata ai, he iti iho te tūponotanga e whakatutuhia ai aua whāinga.

Ahakoa he rerekē ngā tirohanga e pā ana ki te whakamahi whenua ā muri ake i Aotearoa, e hiahia ana te tino nuinga o tātou ki ngā putanga kotahi:

- ngā horanuku manawaroa e taea ana te tuku ki ngā whakatipuranga ā muri ake.
- he whenua haumako ki te kanorau koiora me ngā arawai e hauora ana
- he whakapai ake i te tapuwae ā-taio o ā tātou ahumahi pūtake whenua.

Kāore e taupatupatuhia ana ēnei putanga.

Ko ngā pātai nunui e pā ana ki tā tātou whakatutuki i tēnei panoni kia:

- whaiwhakaaro ki ngā wero ā-taiao i roto i ngā tūtututanga o te pāpori, ahurea, ohaoha whānui hoki kei mua i te aroaro o te hunga e tonoa ana kia panoni
- tuari i ngā utu whakahaere i runga i te tōkeke
- whakatūturu i te pūataata me te papanga i roto i ngā whakataunga.

Kua tīmata kē ngā kōrerorero e pā ana ki te panoni whakamahi whenua puta noa i Aotearoa ina whakatuma ana i ngā wero nui a te panoni āhuarangi me ngā take e hāngai ana ki te ahunga o te panonitanga onāianei.

Nā reira, he aha te ārai? Ā, me pēhea tātou e whakamahere ai i tētahi ara whakamua? E whakarāpopoto ana te wāhangā e whai ake nei i ētahi āhuatanga o ngā take matua me ngā urupare e āhei ana.

<sup>2</sup> Tirohia <https://pce.parliament.nz/publications/going-with-the-grain-changing-land-uses-to-fit-a-changing-landscape>.

# Ngā take me ngā ara whakamua

## Te take

### Me panoni tā mātou ara whakamahi whenua

Kia tutuki ō tātou whāinga ā-taiao, me panoni tā mātou ara whakamahi whenua. Kei ētahi wāhi o te whenua he huhua ngā wero ā-taiao kāore e taea te whakatika mā te whakamauru i ngā whakaaweawe o te whakamahinga whenua onāianei.

Heoi ano, e panoni tonu ana te whakamahi whenua. E whakawhirinaki ana te āhua o ngā horanuku anamata o Aotearoa, me te āhuatanga o tō rātou hauora ā-taiao, ki ngā mea e rua, neke atu rānei. Mā te āhuarangi panoni e akiaki ngā panoni ki ngā mahi e mahi ana mātou ki hea i runga i te whenua – ā, me pēhea te mahi. Waihoki, tērā ngā panoni e rere mai ai i ngā whakataunga whakamahi whenua. E ākina ana e ngā mea katoa mai i ngā waeture ā-taiao, ā-whakamahere hoki tae atu ki te ā mātou hoa hokohoko me ngā tino hiahia kiritaki e kuneroa ana ki tāwāhi.

## He ara whakamua

### Kōrerotia – me te hanga mahere mō – te panoni whakamahi whenua

E kore e taea te karō te panoni whakamahi whenua, heoi anō, he rerekē te rahi o te panoni e hiahiatia ana puta noa i te motu. Kei tētahi pito, e hiahiatia noatia ana he panoni ki ngā tikanga whakahaere i roto i te pūnaha pāmu kotahi. Kei tētahi atu pito he panoni rawa atu mai i tētahi whakamahi whenua tauwhāiti ki tētahi atu. Kei waenga, tērā pea e hiahiatia ana he panoni whakamahi whenua ki ngā ‘wāhiwera’ whakaraerae tauwhāiti i roto i tētahi wāhi .

Me whakatau ā-motu nei tātou me pēhea tātou e whakahaere ai i taua panoni me ngā whakaaweawe ki ō tātou tāngata, te taiao me te ūhangā. Ehara ēnei whakataunga i te ngāwari, engari ki te kore e āta aro ana ki ngā take whakamahi whenua, ka kore e ngaro – engari ka herea kē tātou ki te whakakino anō i tō tātou taiao. Tērā pea, ka kōwhiri tātou i tēnei ara hei haerenga mā tātou. Engari, me āta whakatau, ā, me mārama hoki tātou ki ngā tukunga iho o ā tātou kōwhiringa.

## Te take

### He horanuku kaupapahere kongakonga

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Ināianei, kei a tātou te horanuku kaupapahere ā-taiao e kongakonga ana me ngā kaupapahere huhua e pāpā ana ki te whakamahi whenua me te wai. Kua whakaaro hia ko ngā pāpātanga taiao o te whakamahi whenua he raupapatanga raruraru hangarau (whakamauru āhuarangi, urutau āhuarangi, kounga wai māori me te kanorau koiora) me ngā whakataunga motumotu.

Ka rangirua ngā kaiwhakamahi whenua i te nui o te waeture, me te tere o tana panoni, ka rangirua hoki te hunga e tirotiro ana i te whakatinanatanga i tērā. He ōrite te whīwhiwhi o te pūtea tūmatanui mō ngā mahi pūtake whenua.

Kei te tino taupatupatu tēnei ahunga kongakonga ki te ahunga torowhārahi o te tangata whenua ki te whenua.

## He ara whakamua

### He ahunga pāhekoheko, urutau hoki

Ina whāia te ahunga pāhekoheko ki te kaupapahere taiao ka tirohia ngā pāpātanga o ngā whakamahinga whenua, me ngā panoni ki aua whakamahinga whenua, i te wā kotahi. Ki a au nei, ko te riu hopuwai, te riu hopuwai iti rānei te rahi tika mō te ahunga pāhekoheko ki te panoni whakamahi whenua.

He nui te tūponotanga ka whakaputa ngā ahunga pāhekoheko i te rōpinepine o ngā whakamahi whenua kanorau puta noa i ngā riu hopuwai. Ka waihanga pea tēnei kanorautanga i ngā painga taiao me te whakapai ake i te manawaroa o te pāpori ā-rohe me te ūhanga.

Waihoki, he pūnaha whīwhiwhi ngā taiao māori, tuawhenua hoki (me ngā tūmomo koromeke whakahokinga), ā, he pērā hoki ngā hapori e noho ana i reira. Nā reira, me mahi te hātepe panoni me te mōhio e hiahia ana kia riterite tonu te whakarite ina ako anō tātou ki te āhua o te urupare o aua pūnaha whīwhiwhi ki te panoni. Me kī, me urutau tonu tātou ki ā mātou kōwhiringa whakahaere whenua, whakamahi whenua hoki i runga i ngā āhuatanga e tika ana mō te horanuku me ngā hapori ā-rohe.

I whakamahi au i ētahi mātai kēhi ki ngā riu hopuwai e rua hei whakaurunga ki *Te whai i te kakano* kia mārama me pēhea e mahi ai te ahunga pāhekoheko. E whakaputaina ana ngā mātai kēhi i te wā kotahi e puta ana te pūrongo, ā, e whakahuatia ana i roto i te Pouaka 1.

### Pouaka 1: Te mārama e haere ana tātou ki hea

Kia whakatewhatewha me pēhea e whakaaweawe ai tō tātou ahunga whakaritenga ā-taiao, me ngā ahunga kē i ō tātou horanuku anamata, i whakamahi au i tētahi mahi āmiki i roto i ngā riu hopuwai e rua ki ngā pito tauaro o te motu: te riu hopuwai o Mataura i Murihiku me te riu hopuwai o Te Wairoa i Te Tai Tokerau. E whakahuatia ana ngā kitenga i tēnei mahi i roto i te pūrongo tuarua: *Te tūhura i te panoni whakamahi whenua i raro i ngā whakaritenga kaupapahere rerekē ki ngā riu hopuwai mātai kēhi e rua.*<sup>3</sup>

E whakamahi ana i ngā taputapu huhua, tae atu ki te whakamahere whakaraerae horanuku, te whakatauira whakamahi whenua me te panoni whakahaere, te whakatauira ohaoha, me te whakaurunga ā-haporī, a te mana whenua hoki, i whakatauira taku tīma ka pēhea pea te āhua o ngā horanuku hei te tau 2030 me te tau 2060 i runga i ngā kaupapahere rerekē, tae atu ki ngā whakaritenga onāianei.

I raro i ngā whakaritenga kaupapahere ā-taiao, ā-āhuarangi hoki onāianei, ā, e kawatauhia ana, ka matapaehia e ā mātou whakatauira i te putanga o ngā ahutahi o te miraka kau me te ngāherehere whakaputa paina. Ka kitea i te riu hopuwai o Te Wairoa e whakawhitia katoatia mai i te pāmu hipi me te kikokau ki te ngāherehere whakaputa paina, engari i te riu hopuwai o Mataura ka kōkiri akiaki ēnei whakaritenga kaupapahere i te whakawhitinga mai i te hipi whenua puke me te pāmu kikokau ki te ngāherehere. Heoi anō, hei whakatauarotanga ki te Wairoa, e āhei ana te nuinga o ngā whakahaerenga miraka kau, hipi me te kikokau hoki o ngā whenua hahaka i Mataura, engari he tino iti iho te huamoni. E whakaatu ana te rerekētanga i waenga i ngā riu hopuwai e rua he pēhea e rerekē ana ngā pāpātanga o ngā whakahau kaupapahere ā-motu puta noa i te tuawhenua o Aotearoa.

I whakaputaina e ngā kaupapa me te tūāpapa whakaranu kaupapahere kē i ngā putanga iti iho te taikaha, engari he nui tonu te wero. Ka whakaputa i te kanorautanga nui ake o ngā whakamahinga whenua, me te aha, ka whakarato i te hapori ā-rohe, te īhanga me te taiao manawaroa ake. I whakaatu hoki mā te whakahere i te whakataratahi waro i te wā poto (he iti iho te ngāherehere whakaputa paina) e āhei ana te whakaputa i ngā putanga taiao pai ake mō te kounga wai me te kanorau koiora.

Kāore ngā mātai kēhi e matapae ana i te panoni whakamahi whenua anamata i roto i ēnei riu hopuwai, ā, kāore e taea ngā kitenga te whakawhānui ki riu hopuwai kē. E whakaatu noa ana ana tēnei mahi i te rahi o te panoni pea. Ko taku tūmanako ka āhei te urutau a ētahi atu kia whakatauira i ngā putanga o ngā kaupapahere taiao huhua i runga i ō rātou ake whenua, i mua i te whakaputa i ngā whakataunga hira.

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<sup>3</sup> Tirohia <https://pce.parliament.nz/publications/exploring-land-use-change-under-different-policy-settings-in-two-case-study-catchments>.

## Te take

### He ahunga ūrite mā te katoa

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Kāore e tatauhia ana e ngā waeture ā-motu e pāpā ana ki te panoni whakamahi whenua ngā rerekētanga puta noa i ngā horanuku o Aotearoa. He rerekē rawa atu te whakaaweawe o te kaupapahere e hāngai ana ki ngā whakamahi whenua onāiane me te matawhenua o te takiwā. I whakaahuatia tēnei kitenga e aku mātai kēhi e rua i Wairoa me Mataura.

He tino rerekē ngā take ā-taiao kei mua i te aroaro o ngā riu hopuwai, me ngā horopaki ā-pāpori, ā-ohaoha hoki. Waihoki, i roto i ngā riu hopuwai he wāhiwera ā-taiao he kaha ake pāpātanga o te whakamahi whenua ki te taiao.

Ko te hua o ēnei āhuatanga katoa me rerekē ngā whakataunga mō ia riu hopuwai. He nui ngā wā e tautoko ana ngā waeture ā-motu e whai ana kia whakapaitia whānuitia i te mahi haere tonu, e hoahoatia ana kia haere i te whetoko o te kaihikoi tino pōturi.

## He ara whakamua

### Te whakataurite anō i te tukanga whakataunga

Me tika ngā panoni whakamahi whenua ki te horanuku tauwhāiti me ngā hapori ā-rohe. Kia whakatūturu ka pēnā, me whakaae te kāwanatanga matua me ngā kaunihera ā-rohe ki ngā hapori ki te ahunga whānui o te panoni (te *aha*). Me whakatau ngā hapori me te mana whenua i te taumata riu hopuwai, riu hopuwai iti rānei mō te whakatinanatanga (te *pēhea*).

Me hāngai ngā whakataunga ki te mōhiotanga ā-rohe me te tāpirihanga o ngā raraunga taiao kounga nui. Me āhei ngā hapori te whakarato whakahokinga kōrero mō ngā utu whakahere, ngā pāpātanga me ngā tauutuutu e pā ana ki te whakatutuki i ētahi putanga. He tino hira tēnei (engari ehara i te mea motuhake) ki ngāi Māori, e noho tūāpapa ana te whakanonoi i te kaitiakitanga i te hapū e whakapapa ana ki ngā wāhi tauwhāiti me ngā rauemi e tino uaratia ana.

Ki te whakatinana i te ahunga pēnā, me rite tātou ki te whakamātautau i ētahi mea i ngā wā katoa. Ki a au nei, e tika ana kia tīmata ki tētahi o ngā riu hopuwai e tino werohia ana ā-taiao.

Ko ngā kaunihera ā-takiwā te rōpū pai rawa hei tautoko i te mahi o ngā rōpū riu hopuwai, riu hopuwai iti rānei me te aroturuki i te ahu whakamua.

## Te take

### Te noho haepapa rahinga papanoho mō te whakahaere taiao

I raro i tō tātou pūnaha onāianei, ka noho ki te kaipupuri whenua te nuinga o ngā whakataunga e pā ana ki te whakamahi whenua, i raro i ngā herenga e puta mai ana i te Resource Management Act 1991. Kei ngā kaipupuri whenua te tikanga whakahaere o ngā mahi i roto i ngā rohenga o ō rātou papanoho, engari, he iti rawa te whakahaere, te kitenga hoki, o ō rātou pāpātanga taiao i tua atu i auā rohenga. Nā reira, he uaua mā ngā tāngata takitahi kia whakaaweawe nuitia te whakapai ake o te kounga taiao i roto i te riu hopuwai.

Waihoki, he ōrite te uauatanga kia mōhio ko ēhea ngā whenua nāna ngā raruraru taiao i roto i te takiwā riu hopuwai. E ai ki te ariā, me utu te hunga nāna i parahanga i te pāpātanga o ā rātou mahi, ā, me whakamahi taua moni kia whakatika i te paru. Engari nā runga i te rangirua he uaua te poapoa, te uruhi rānei i ngā kaipupuri whenua kia whakaiti i ō rātou whakakinotanga e taea ana te whakauruhi. He nui te tūponotanga e tipu ake tēnei wero ina whakauru ana te panoni āhuarangi ki ngā pāpātanga taiao me ngā whakataunga whakahaere.

## He ara whakamua

### Te noho haepapa rahinga riu hopuwai mō te whakahaere taiao

Ina āhei te ine me te mōhio nā wai ngā pāpātanga taiao, ka āhei te whakamahi mā ngā pūrere pūtake taiahumoni. Heoi anō, te nuinga o ngā take taiao e hāngai ana ki tā tātou whakamahi i te whenua – te urutau āhuarangi, kounga wai, rahinga wai, kanorau koiora, riha me ngā tarutaru – he pai ake te whakahaere ki te taumata riu hopuwai, riu hopuwai iti rānei me te whai wāhi atu o ngā kaiwhakamahi whenua ā-rohe.

Ka whakarato ngā rōpū ā-riu hopuwai i te ara kia ako ngā kaiwhakamahi whenua e ngākau nui ana ki ake, tētahi ki tētahi, me te whakawhanake i te māramatanga tuari o te horopaki riu hopuwai. Ina whakamanahia ki ngā mōhiohio tino kounga, ka tae ēnei rōpū ki te wāhi e āhei ana te mana whenua, ngā kaipupuri whenua, ngā hapori me ētahi atu kiripānga ā-rohe te kaha aro, kanohi ki te kanohi, i te tauutuutu i waenga i ngā take ā-pāpori, ā-taiao, ā-ohaoha hoki e puta mai ana i te panoni whakamahi whenua. Me poapoa ngā rōpū ā-riu hopuwai kia nui ake, kia whitawhita ake ā rātou mahi ki te whakahaere taiao. Ka taea te poapoa mā te whakapiki rauemi, te tuku rānei i te mana nui ake ki ēnei rōpū.

He take motuhake nō te whenua Māori (tirohia Pouaka 2), nā reira, he waiwai kia whakarato ngā hinonga kaupapahere tūmatanui i te tautoko kia whakahaere i te whenua Māori me te aro ki ngā hinonga e tautoko ana i te pakihī ahuwhenua Māori.

## Pouaka 2: Te panoni whakamahi whenua ki te whenua Māori

Kei raro te whenua herekore Māori i Te Ture Whenua Māori Act 1983, ā, e puritia ana hei kiritōpū mā te whakapapa me te tukunga ihotanga. He maha ngā kaipupuri whenua i whakatū i ngā anga whakahae pērā i te tarahiti, te manatōpū rānei hei whakarite i tēnei. Ki te ine te takiwā, e 83 ūru ngā poraka whenua Māori e whakahaeitia ana e ngā whānau. He maha ēnei tarahiti, rōpū whakahae rānei e whai ana i te mana motuhake o ūrātou whenua me te whakamātau ki te whakatinana i ngā anga ao Māori hei whakahae i aua whenua, engari he wero kei mua i te aroaro.

I whakatūria te Ture hei whakahauamaru i ngā uri i te hokonga anō o te whenua, engari e whakaiti ana tēnei i ngā kōwhiringa mā ngāi Māori ki te whakahae ā-ohaoha i te whenua, ā, ka aukati i ngā kōwhiringa mō te panoni whakamahi whenua. E whakaturea ana te whakaetanga kiritōpū mō ngā whakataunga ki te whakawhanake, he mea tino uaua ki te whiwhi ahakoa te anga tarahiti, manatōpū rānei.

Kāore e taea te mino i te moni me te whenua hei rawa oati, e aukati anō i a ngāi Māori kia whakawhanake ngāwari i ūrātou whenua, te whakawhitī rānei ki ngā whakamahinga toitūtanga ā-taiao. Heoi anō, ko te painga, e whakaitia ana te āheinga ki te whakawhitī i te puritanga whenua ki tua atu o ngā whānau, ngā hapū, ngā uri rānei o ngā kaipupuri whenua. Ahakoa e taea ana te hoko whenua Māori i raro i te ture, he maha ngāi Māori e whakahē ana i te hokonga whenua e tūhono ana ūrātou mā te whakapapa ahakoa he ngoikore ngā hua nō te whenua. Nā runga anō i ēnei wero ā-whakahae he uaua te whakawhitī ki ngā ahunga whakamahi kē mō te whenua.



## Te take

### He raraunga taiao kāore i oti, kāore e taea te whakauru

He nui ngā wā, kāore e tika ana te kounga o ngā mōhiohio taiao i Aotearoa. He kongakonga noa iho ngā raraunga taiao e aroturukihia ana i roto i te anga pūrongo rongo taiao – kāore e whakauhi ana i te matawhenua, kāore hoki he raupapatanga wā rite – ā, mēnā he kino rawa, e kore e taea te āhei atu. Ko te tikanga o te kore āhei kei muri te raraunga me ngā mōhiohio i tētahi pakitara utu aukati, e whakaatuhia ana ki te hōputu whīwhiwhi kāore i te ngāwari kia whakamahi, kāore kau he raraunga rānei.

Kāore he take i iti rawa te pūtea mō te pūnaha aroturuki taiao i Aotearoa, ā, kāore i neke mō ngā tau huhua. Ko te putanga i whakamutua ētahi raraunga, ā, kua koretake ngoikore ngā mea e haere tonu ana.

## He ara whakamua

### Ngā raraunga taiao tino kounga e whakaratoa ana e te kāwanatanga matua

Me whakarite e te kāwanatanga matua kia āhei ngā mōhiohio taiao tino kounga, māmā te utu me te utu hei painga tūmatanui. Me āhei ngā kaiwhakamahi whenua me ngā kaunihera ā-takiwā te whakauru ki aua mōhiohio me te koreutu. Me kaua rātou e taupatupatu i 'ngā meka' e āhei ana tātou te whakaatu i tēnei wā.

E hiahiatia ana ngā mōhiohio tino kounga kia whakatauira i te pāpātanga o ngā mahi torohū me te tautuhi i ngā wāhiwera – ngā wāhi e puta mai ngā painga nui ake i te toharite mā te panoni whakamahi whenua. Waihoki, me rite ngā kaipupuri whenua me ngā rōpū ā-riu hopuwai kia tuari i ngā taipitopito o ā rātou tikanga, whakamahi rauemi hoki. Me whakaputa te aroturuki i ngā mōhiohio e āhei ana te whakaatu ki a tātou, ā-kiritōpū nei, mēnā e puta mai ana te panonitanga ki te taumata riu hopuwai.

## Te take

### He teitei ngā tauārai arumoni ki te panoni whakamahi whenua

He huhua ngā tauārai arumoni onāianei ki te panoni whakamahi whenua. He mea tūraru te panoni whakamahi whenua mō ngā pakihī pāmu iti, nā te hiahia ki ngā haupū rawa nui me ngā wā roa kia hoki mai te pūtea. He uua hoki mā ngā kaiwhakamahi whenua te whiwhi ki ngā moni taurewa i te rāngai pēke karo tūraru.

Nā runga anō i ēnei āhuatanga, e mārama ana ka karo tūraru hoki ngā kaipupuri whenua, ā, e haukume ana ki ngā mahi onāianei ina whakaaro ana ki te panoni whakamahi whenua. Waihoki, he iti rawa ā tātou taputapu hei motu kia whakapai ake i te taiao, he nui rawa ngā utu whakahaere mā ngā kaipupuri whenua.

I ngā wā maha ka tukuna mā ngā kaunihera ā-takiwā e whakatinana ngā kaupapahere taiao, ā, mā rātou e whakatumā i ngā kaipupuri whenua kāore e whiwhi ana ki ngā rauemi ki te whakarato i te mea e kawatauhia ana mā rātou i ētahi wā – engari, ehara i te pērā i ngā wā katoa.

## He ara whakamua

### Te tūhura i ngā taputapu ahumoni kē hei whakarite i ngā rauemi

Me kite tātou i ngā ara kē kia tuku pūtea ki te panoni whakamahi whenua. Tērā ētahi kōwhiringa, tae atu ki te tahua pāhekoheko me ngā kaupapa moni taurewa, ngā tahua whakaatu, ngā pūrere pūtake taiahumoni, he tāke whenua panoni ngoto, he utu rānei mō ngā putanga mewaro pūkoiora rānei (tirohia Pouaka 3).

Kia māmā te utu, me tau i roto i te ohaoha te nuinga o ngā matea panoni whakamahi whenua. Kāore e taea e tātou te tuku pūtea āwhina ki ngā mea katoa. Engari me whakangao tūmatanuihia tonutia ki te rangahau, ā, tērā pea ki ngā moni taurewa mō te tūāhangā hou.

I ētahi wā, kāore e āhei ā-ohaoha te panoni whakamahi whenua kia mahia e ngā kaipupuri whenua. Ki te pērā, me utu paremata ki ngā kaipupuri whenua mō ngā ratonga pūnaha hauropi e whakaratohia ana e ā rātou whakamahi whenua (waihoki me utu rātou i te utu tika o ngā pāpātanga taiao o ā rātou mahi onāianei). Tērā ētahi kōrero mō ngā utu mō te kanorau koiora, engari kāore anō kia mārama te rahi o te hiahia ki ēnei. Ka tino hira hoki ētahi atu ratonga pūnaha hauropi me te kore tahua, tae atu ki te whakarite wai me te whakahaere ngāhorohoro i roto i ngā riu hopuwai e pāngia ana e te waipuke.

### Pouaka 3: Te whakatū i ngā rauemi ahumoni mō te panoni whakamahi whenua

- Ka hoahoa pea te kāwanatanga matua me ngā kaunihera ā-takiwā i tētahi kaupapa tahua me te moni taurewa me te paearu whānui ka taea te whakarerekē e hāngai ana ki ngā āhuatanga ā-rohe. E whai ana i ngā riu hopuwai tino whakamōrea, otirā ngā wāhiwera ā-taiao o roto, mā tēnei tūmomo kaupapa e tuku tahua ki ngā rōpū riu hopuwai hei āwhina ki te whakatutuki i ngā utu o te whakatinana i ngā whakataunga pūtake taiao.
- He taputapu uara ngā tahua whakaatu (mō te hunga tuatahi ki te mahi) me ngā moni taurewa i oatitia kia whakatenatena i te panoni whakamahi whenua, ā, he āwhina pea ina hiahiatia ana ngā whakangao ki te tūāhangā hei tautoko i ngā whakmahinga hou o te whenua.
- Kia tuku tahua ki ēnei, ka āhei ngā pūrere pūtake taiahumoni te whakamahi kia whakarewa i te moniwhiwhi mā te whakarite utu mā ngā whakamahinga rauemi e tuku ana i ngā utu ā-taiao. Kei roto i ēnei pūrere te utu o te whakakino taiao, te uara o te whakapai taiao hoki/rānei ki te kaute o te kaipāmu. Ka whakarato hoki i ngā poapoa kia panoni whanonga, kua mā te whakahau i ngā mahi tauwhāiti. Nā reira, mā ngā tāngata e kōwhiri me pēhea rātou e panoni ai i ā rātou whakahaere whenua, whakamahi rānei – me utu kē rānei i te utu. Kei roto i ngā tauira o ngā pūrere pūtake taiahumoni ko:
  - Te whakarite i te utu mō te whakamahi ā-arumoni o te wai – mō ngā take whakapau (hei tauira, te whakamākūkū) te whakapau kore rānei (hei tauira te nuinga o te punahiko wai). Kia whakatinana i te kaupapa utu, me whakamārama ngā mōtika wai māori, otirā ngā mōtika wai a ngāi Māori.
  - Ka taea te tuku i te utu ki ngā putanga mewaro pūkoiora me te pupuri tonu i te moniwhiwhi i roto i te riu hopuwai, te takiwā rānei e kohikohia ana. Ki te pēnā he nui ake te tūponotanga he tūhononga i waenga i te moniwhiwhi me ngā riu hopuwai me ngā wero nui rawa atu ā-taiao kei mua i te aroaro.
  - He tāke whenua panonitanga ngoto ā, ko te pūtake he ōrau o te uara o te whenua, engari i panonihia kia aro ki te nui o te pāpātanga taiao. Hei tauira, ka utu ngā huarahi, te whenua e whakakapia ana ki te raima, ngā whare rānei, i te tāke katoa. Ka utu te whenua i pāmutia, me ngā whare me ngā tuanui kākāriki, e āhua tautoko tonu ana i te kanorau koiora i te wāhangā o te tāke. Ko te whenua i te āhuatanga o te ao tūroa, i whakahokia rānei ki te ao tūroa, e whiwhi ana ki te pūtea āwhina (ko te āhua nei he aronga ki ngā ratonga ā-hauropi e whakaratohia ana).

## Te take

### E whakaheke ana ngā tauārai waeture i te tāwariwari o te whakamahi whenua me te wai

Kua huri hei tauārai ki te panoni whakamahi whenua ētahi o ngā waeture i whakatūria ki te whakahaumaru i te taiao. Ko te tauira matua ko te take o ngā mōtika wai. He waiwai te āhei atu ki te wai māori kia kite i ngā kōwhiringa whakamahi whenua monihua me ngā pāpātanga taiao iti iho, engari i te nuinga o te wā e honoa ana ngā mōtika wai ki ngā pūhera whenua, ā, he uua te hokohoko. Ka tuku tēnei i ngā momoho hunga mahi tuatahi, ā, ka whakapūmau i ngā whakamahi onāianei, i te nuinga o te wā ngā mea māpua iti.

Ka kapi te take o te tuari mōtika wai i roto i te National Policy Statement for Freshwater Management inakuanei mā te whakaurunga o Te Mana o te Wai. Ka arotakehia te anamata o tēnei huatau e te Kāwanatanga hou. Me urupare hoki ngā whakataunga e mahia ana i roto i te whakahounga ākuanei o te Resource Management Act i ngā wero ā-taiao o te tuari wai me te whaiwhakaaro ki ngā take e puta mai ana i te tuaritanga wai o mua, tae atu ki: te tuari rawa i ngā mōtika wai i ētahi riu hopuwai; ngā uauatanga kia whakawhitī i ngā mōtika wai; me te āhuatanga kāore i tuaritia ngā mōtika wai ki te whakamahi uara pai rawa

## He ara whakamua

### Te whakatatū i ngā mōtika me ngā pānga o ngāi Māori ki te wai māori

E hiahia ana kia nui ake te tāwariwari ā-waeture, me te tirohanga tika, kia unu i ngā tauārai waeture. Ko tētahi wāhi matua e pai ana kia whakatewhatewhatia ko te whakawhanaketanga o ngā mōtika wai hokohoko kia whakatūturu he whāomo ake te whakamahi i te wai. Mēnā he pūhore te wai, me āhei te whakawhitī i ngā mōtika wai.

Ki te pērā me tatū ngā pānga wai o ngāi Māori. Ka whakarato pea te whakaaetanga i waenga i ngāi Māori me te Karauna ki ngā rōpū e rua te ara whakangao kia whakapai ake i te kounga wai (me ngā painga e makere mai ana o ngā uara ahurea tae atu ki ngā kōwhiringa mahinga kai) mā te utu i ngā ratonga pūnaha hauropi. He tikanga pai te rēti rauemi kia whakatūturu i te whakamahi tika o ngā rauemi pūhore. Ki te kore e taea, me whakaaro pea tētahi mea pērā i te tāke whenua panonitanga ngoto i tautuhia i roto i te Pouaka 3.

Me whakatewhatewha ngā aukatinga whakamahere pērā i ngā whakahaere wawaetanga e uua ai te whakawātea i te haupū rawa kia tautoko i te panoni whakamahi whenua.

## Te take

### E kōkiri ana te New Zealand Emissions Trading Scheme i te panoni whakamahi whenua

Ināianei, ko te NZ ETS te kaikōkiri arumoni matua o te panoni whakamahi whenua i Aotearoa mā te whakatō ngahere. E hiahiatia ana te whakatō ngahere i ētahi wāhanga o te motu, ā, e whakarato ana te NZ ETS i te mātāpuna moni mō tēnei. Heoi anō, kei te rahinga o tēnei panoni me te arotahi kotahi ki te waro te pitomata ki te waihanga i ngā tukunga iho kino ā-ohaoha, ā-pāpori, ā-taiao anō hoki.

Waihoki, e whakakore ana te whakamahinga herenga kore onāianei o te ngāherehere hei whakataurite i ngā kōwhiringa whakamahi whenua kē mō ngā whakatipuranga e heke mai nei.

## He ara whakamua

### Me arotahi anō te kaupapahere āhuarangi

Me pupuri tonu te NZ ETS hei taputapu whakaiti i ngā putanga tōpūtanga, engari nāwai rā me tango haere i te mōtika kia whakamahi i te ngāherehere hei whakataurite. Me haere tonu te whakatō ngahere, engari kia pai ake tōna hāngai ki te horanuku.

Ki te unu i te ngāherehere i te NZ ETS ā tōna wā, ka āhei te Kāwanatanga te hoko kairapu i ētahi atu moni taurewa mō te utu nui ake. Ka āhei te tuku i tēnei moniwhiwhi nui ake kia poapoa i te whakamahi whenua e panoni ana, tae atu ki te utu i ngā whakataunga pūtake taiao, pērā i te whakatō i ngā takiwā e pāngia ana ki te ngāhorohoro ki ngā tipu māori me te whakaora i ngā kūkūwai.

Kei roto i ngā whakataunga kē ko te waihanga i te kaupapa hokohoko putanga kē hei whakahaere i te mewaro pūkoiora, me te whakamahi i te whakatō ngahere kia whakamauru i te mahana nō ēnei putanga. Mā tēnei whakataunga e whakataurite tika ai i ngā putanga mewaro ahuwhenua wā poto ki te ngāherehere – he tepenga tō tēnei mahi i runga anō i tōna āhua.

# Kāore e taea ngā pātai uaua te karo

Me urupare ngā pātai uaua e pā ana ki te toitūtanga ā-tuawhenua me te hiahia kia panoni te ara e whakamahi ana tātou i te whenua e te mana whenua, ngā kaipāmu, ngā hapori tuawhenua, ngā hunga whaimana ā-rohe, ngā tari kāwanatanga matua me rātou e whai painga ana i tō tātou whenua me ūna hua katoa.

Anei ētahi o ngā pātai kāore e taea te karo.

1. He aha ngā tauārai ki te panoni whakamahi whenua, ā, me pēhea tātou e whakakore i aua tauārai? Ina koe, me pēhea tātou e mahi ai i ngā take e pā ana ki ngā mōtika wai?
2. He mea āwhina rānei te āhua e kōkiri ana te New Zealand Emissions Trading Scheme i te panoni whakamahi whenua, ā, me pēhea tātou e mahi rerekē ai?
3. He aha te rahi tika mō te whakahaere i te panoni whakamahi whenua – taumata papanoho, riu hopuwai iti, riu hopuwai, ā-motu?
4. Me pēhea tātou e whakamana ai i te hunga me te mātauranga mātanga ā-rohe (ngā hapori ā-rohe me te mana whenua) kia whai wāhi atu ki ngā whakataunga?
5. Mā wai ngā whakataunga mō te panoni whakamahi whenua – te kāwanatanga matua, kaunihera ā-takiwā, mana whenua me ngā hapori hoki/rānei?
6. Me pēhea tātou e whakatūturu ai kei a tātou ngā rangahau me ngā mōhiohio pai rawa e wātea ana kia whaimōhio ngā whakataunga e pā ana ki te panoni whakamahi whenua?
7. Me pēhea tātou e tino mōhio ai ka whakaarotau te mahi ki ngā wāhi e āhei ana te whakarerekētanga nui rawa?
8. Me pēhea e whakahaere ai i ngā tauutuutu tē taea te karo kia tōkeke, kia pūataata hoki ina hiahiatia ana kei mua i te aroaro o ngā wero taupatupatu ā-taiao, ā-ohaoha, ā-pāpori hoki o te panoni whakamahi whenua?
9. Me pēhea tātou e whakatūturu ai e urutau ana te panoni whakamahi whenua ki ngā āhuatanga me ngā matea e panoni ana?
10. Mā wai e utu te panoni whakamahi whenua ina whakahaua ana e ngā pēhanga ā-taiao.

# He kupu whakamutunga

Kāore i whakaritea kētia e tētahi kāwanatanga ngā whakautu ki ngā pātai huhua i pātaingia i konei. Ehara tērā i te kawatau. Waihoki, me kaua tētahi kāwanatanga e karo i te tuku i ngā pātai taumaha, te whāwhā rānei ki te wero o te panoni whakamahi whenua.

E whakamātau ana *Te whai i te kakano* ki te whakamārama i te āhuatanga o ngā wero ā-taiao kei mua i te aroaro o te tuawhenua o Aotearoa me te whakatūturu kāore e taea e te hunga e whakarite ana i te kaupapahere tūmananui kāore rātou i te mōhio ki te tauutuutu e arohia ana e tātou. Kāore e taea te karo tā tātou ara whakamahi whenua, nā te mea e kaha whakatenatenahia ana e ngā kaupapahere onāianei (otirā ērā e whakahere ana i te whakamauru āhuarangi). Ko taku tūmanako mā te pūrongo e whakaatu i tētahi ahunga haere e āhei ana.

Ka noho ngākau rorotu au ka whakapikihia pea te tutukitanga taiao e ngā mōhiotanga ā-rohe, te rangahau ki ngā tikanga me ngā whakamahinga whenua hou, me te whakapainga ake nui rawa atu o tō tātou āheinga ki te raweke i tō tātou tutukitanga ā-taiao. Kāore e pērā taku ngākau rorotu ki te raukahā o ō tātou whakanōhangā ki te whakarato i ngā tūmomo māramatanga ā-pāpori, ā-ohaoha e hiahiatia ana e tātou hei urupare i ō tātou raruraru. Engari ka koa rawa au ina e hē ana ōku whakaaro.



Simon Upton

Te Kaitiaki Taiao a Te Whare Pāremata



Ka taea tēnei tuhinga te tārua ina whakaatuhia te mātāpuna. E wātea ana tēnei pūrongo me ētahi atu tānga hoki nā Te Kaitiaki Taiao a Te Whare Pāremata ki pce.parliament.nz.

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Te Kaitiaki Taiao a Te Whare Pāremata