

I puritia i roto i te kōrero, ehara i te mea kua whakaitihia ki tētahi nama — ngā uara maha, ngā whakahaere ora, me te AI

John G. Stroh — My Digital Sovereignty Ltd

E mau ana i roto i kōrero, ehara i te mea kua whakakōpaki ki tētahi tau — ngā uara maha, ngā whakahaere ora, me te AI

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27 Mei 2026

Te hui kāore e mutu ki te pōti

Ka hui hui i roto i te wharenuī, i te taha rānei o te tēpu. Ka whakatakotoria tētahi kaupapa — he pātai, he tono, he āwangawanga e hiahiatia ana kia whakataua. Ka anga whakamua Kōrero: ka kōrero ngā tāngata i runga i te tikanga o te marae, o te whakahaere rānei. Kei ia kōrero te ingoa o te tangata i kōrero, te wā i kōrerotia ai, me tōna tūnga. Ka roa te kōrero kia roa ai. I tētahi wā ka mārāma te wairua o te hui. Ka puta he whakataua — i ētahi wā he whakaaetanga whānui, i ētahi wā he pōti ā-ture, i ētahi wā he whakaroa kia kōreroanō ki tētahi atu wāhi. Ka tuhia e te meneti te whakataua, me te tohu hoki ki ngākōrero i puta ai.

He aha te pūrongo o tēnei hui?

Ko te rekoata ko te kōrero me te whakataunga. Kāore e mārāma te whakataunga mehemea kāore tekōrero — kāore koe e mōhio he aha ngā take i whakataetae, he aha i whakaaetia, he aha i mahue kāore i whakatauhia. Ehara te kōrero i te kupu whakataki; he mana ōrite tōna.

Ka tauira rerekē ngā tūāpapa whakahaere o te Hauāuru i te rēhita. Ka whakatakotoria tētahi tono, ka tautokona, ka wānangahia, ka tukuna ki te pōti, ā, ka angitu rānei, ka hinga rānei. Ko te tauranga pōti te rēhita. He tikanga manaaki noa te wānanga, ehara i te mana whakahaere.

Ko te take o tēnei tuhinga he mea hanganga: ehara te whiriwhiringa hui i te "whakahaere ngohengohe" e hiahiatia ana kia whakamāoritia ki ngā tauranga pōti kia whai mana ai. Koinei te āhua hanganga tika hei pupuri i ngā uara maha — ngā uara kāore e taea te whakaiti ki tētahi nama kotahi — mā roto i tētahi tikanga ora, whai wāhanga. I te mutunga o te tikanga whakaaro a te Hauāuru, i tīmata e rua ngā kaupūmahara motuhake ki te whakamārāma i ngā mea kua mau tonu hui: Isaiah

Berlin mō te kanorau, Christopher Alexander mō te hanganga ora. Kāore anō te kororerero whakahaere AI, kei reira e whakatauhia ana ināianei te pātai mō ngā mahi a ngā rorohiko mō ngā hāpori, kia aro nui ki ngā mea i tīmata ai a Berlin rāua ko Alexander ki te ingoa. He whakamātau tēnei tuhinga ki te whakamārama i te piriti.

He aha ngā tikanga kāhui e mau ana i te wāhi

Ko te tūāpapa e tautoko ana i te kāhui i roto i tēnei tuhinga ko Village Kāhui Māori, he tūāpapa rekoata rangatiratanga e whakamahia ana e ngā rōpū whakahaere Māori. He māmā, he mea noa hoki te āhua hanganga o te whakatau kaupapa e kawea ana e ia — koinei tonu te tikanga i mahia kāhui mō ngā whakatupuranga. Ko ngā hipanga e whā:

Kaupapa. Ka whakapuaki tētahi kaupapa, he pātai, he tono rānei, kia whiriwhiria e te kāhui. He taitara tōna, he papamuri, ā, he tohu ko wai i whakapuaki, he aha te take. Ehara te kaupapa i te whakautu; ko te pātai tērā e whakatuwhera ana i te kōrero.

Kōrero. Ka whakapuaki ngā mema o te kāhui i ō rātou ake tirohanga. Ka hopukina ēnei e te papanga hei kororerero aho, ā, ka tohu i te kaituhi, ka rā, ka tiakina ki te pūrongo. Ka tiakina te reo o te kōrero, mēnā kāore te kaikōrero e whiriwhiri i tētahi atu huarahi.

Whakatau. Ko te whakatau. Tērā pea he whakaaetanga whānui, he tatauranga pōti ā-ture, he whakaroa, he tuku ki tētahi tangata motuhake, ki tētahi komiti rānei. Kāore te papanga e akiaki i te pōti. Ka tuhi ia i ngā mahi a te kāhui.

Meneti. Ko te tomokanga meneti e kawea ana i te whakataunga, me ngā tohutoro ki ngā kōrero i puta ai. Ehara te meneti i te rekoata. Ko ngā kōrero me te meneti te rekoata.

He taipitopito hanganga tuarua. Ka ingoa ngā tūranga i te reo Māori e te papa, nā te mea ka kawea ngā tūranga i te tikanga e whakaitia ana e te reo Pākehā:

- **Rangatira** — te mana whakatau whakamutunga mō te kāhui, me te kawenga ki te hapū i whakatūria ai rātou. Ehara i te "rangatira".
- **Kaitiaki** — kaitiakitanga o te wāhi mahi, e mahi ana mō te hunga kei konei me te hunga kāore i tae mai. Ehara i te "kaiwhakahaere".
- **Mema** — ka whai wāhi ki te kāhui. Ehara i te "kaiwhakamahi".

Ehara ēnei i ngā manakohanga āhua. Ka kawea i te āhua hē ngā kupu Pākehā hei whakakapi. Ko te kupu "Owner" e tohu ana i ngā mana rawa me te mana kotahi. Ko te kupu "Moderator" e tohu ana i te tiro tiro i hirangi. Ko te kupu "User" e tohu ana i tētahi hononga kiritaki. Ko Rangatira / kaitiaki / mema ia, he mana rerekē, he kawenga rerekē, he huarahi rerekē hoki heikāhui. E hē ana te āhua o te papanga mō te mahi mēnā ka whakaiti i ēnei.

He taipitopito tuatoru. Kei te wātea te hāngai ki te Karauna — ngā pūrongo a Charities Services, ngā rekoata a te Kōti Whenua Māori, ngā rehita o ngā Rōpū Whakauru — engari i ahu *mai* i taua rekoata kotahi tonu. Ka mahi te kāhui i āna mahi i tōna ake huarahi; he mea tāruarua ngā putanga hāngai. He mea nui tēnei nā te mea he whakahē i tēnei āhua te nuinga o ngā tūāpapa: ko te hāngai ki te Karauna te pūtake

o te rekoata, ā, ko te anga ahurea he whakapaipai noa i runga. Ka hurihia e Kāhui Māori te aro.

Ehara i tētahi āhuatanga e 'whakaratohia' ana e te tūāpapa. He mea hanganga tēnei, ā, me kore rawa e hinga te tūāpapa. I reira kē te mahi; ko te mahi a te tūāpapa, he kawē i taua mahi kia kore ai e whakaitia tōna hiranga.

Berlin — te maha-āhua, te kore-whakaiti, te tūkinō o te tatauranga kotahi

I whakapau aIsaiah Berlin i tōna oranga ki te whakapae he maha, ā, kāore e taea te whakataurite i ngā uara tangata hōhonu rawa. Te rangatiratanga, te ōritetanga, te atawhai, te tika, te kotahitanga, te pono, te māia, te mana — he mea pai mutunga kore ia kotahi i roto i te oranga tangata. Kāore tētahi e whakaitihia ki tētahi atu. Ko te kōwhiri i waenga i a rātou, ina taupatupatu rātou, he kōwhiringa tūturu i waenga i ngā mea e tino hira ana, ehara i te tātaitanga i runga i tētahi paerewa kotahi.

Koinei te maha-uara. Koinei te koha arorangi matua a Berlin, ā, koinei te koha e tino hē tonu te pānui.

Ko te hapa o te pānui, ko te whakaaro ko te maha-āhua he momo whānuitanga-uara matatau — "he tika ngā uara katoa, nōu tōu pono, nōku taku". Ehara tērā i te tūnga a Berlin. He kaha ake te tūnga: he maha ngā painga maha; ka tūturu ka taupatupatu ērā i ētahi wā; kāore e taea te whakatau i te taupatupatu i mua mā tētahi mātāpono matua e whakarārangi ana i a rātou; ā, me whai whakatau, aro, me te hiahia ki te kawē i te ngaronga ina whakatapua tētahi painga mō tētahi atu. I ingoa e Hannah Arendt tētahi mea e tata ana ki tēnei *maha* — te āhua tangata o te maha, ia oranga he tirohanga motuhake, kāore e taea te whakaiti i tētahi ki tētahi. I whakahou a Joseph Raz i tēnei i roto i ngā tikanga o te aronga whaihua: he maha ngā take mō te mahi e rere mai ana i ngā uara mutunga, ā, me pupuri e te kaiwhakahaere i a rātou i roto i te āwangawanga, kaua e whakakotahitia kia kotahi te painga.

Ko te pukapuka a Berlin, *The Hedgehog and the Fox*, he kōrero whakarite mō tēnei. E mōhio ana te ngeru-pī ki tētahi mea nui kotahi — ka whakarite ia i te ao ki tētahi mātāpono kotahi, ā, ka whai tonu ia i taua mea. He maha ngā mea e mōhio ana te pōrehe, ā, kāore ia e akiaki kia kotahi. Ehara i te mea e kī ana a Berlin he mātau ake ngā pōrehe; engari, he āhua pōrehe te ao. Ko te kaupapa a te ngeru-pī ki te whakaiti i ngā mea katoa ki tētahi mea nui kotahi he kaupapa whakaraerae i te kanorau tūturu o ngā painga ā-tangata.

E hāngai ana te pukapuka *Two Concepts of Liberty* ki tēnei kaupapa mō tētahi take motuhake. Ko te rangatiratanga ā-kore he kore o te whakararururu. Ko te rangatiratanga ā-hua ko te āheinga ki te rangatira ake, ki te mana motuhake, ki te whai wāhi katoa ki tētahi oranga whai tikanga. He tūturu rāua. Kāore rāua e whakaiti ana tētahi ki tētahi. Mā te whakaiti i te rangatiratanga ā-kore ki te rangatiratanga ā-hua ka puta te mana matua — "ehara i te mea e hiahia ana koe ki te rangatiratanga i te whakararururu; ko tō hiahia ko te rangatira ake, ā, me ārahi mātou i a koe". Ka hua mai i te whakaiti i te rangatiratanga whai kiko ki te rangatiratanga kore he rangatiratanga ngoikore e whakarere ana i ngā tikanga o tōna ake whakamahinga whai tikanga. Ehara te aronga i te mea kotahi ka toa. Ko te aronga, he uara rāua, ā,

me pupuri e tētahi tōrangapū tūturu rāua i roto i te āwangawanga.

He tika tonu te pānga hanganga mō te AI, ā, kāore i tino arohia.

Ko ia pūnaha e whakapaingia ana ki tētahi mahi whāinga tau kotahi, e whakahaere ana i te tūkinu hanganga ki te kanorau o ngā uara. Ko te tau kotahi te āhua hēhōga. Ko te paearu he āhua hēhōga. Ko te taura utu e whakahoki ana i tētahi tau kotahi, he āhua hēhōga. Ka whakakōpaki ia o ēnei i ngā mea kāore e taea te whakaiti, he maha, ki tētahi mea nui kotahi, kātahi ka whakapaingia ki taua mea nui kotahi.

Ko te kuaha whakapainga — te wāhanga e whakaaetia ana, e whakakahoretia ana rānei tētahi putanga pea, e whakatairangahia ana, e whakaitihia ana rānei tētahi kaupapa here pea, e puritia ana, e whakakorehia ana rānei tētahi kuputuhi whakahau pea — koinei te pūtake o te tūkinu. Ahakoa kei hea te kuaha he tau kotahi, kua mahia kē te tūkinu i mua i te tae atu o te putanga ki te tangata i whakaarohia kia whai painga ai.

Ka whakahē te tikanga Kāhui i tēnei whakakotahitanga. Ka mau tonu te rekoata i te kōrero, nā te mea ko te kōrero te wāhi e ora ai ngā painga maha — ko ngā mea i mau i te āwangawanga, ko ngā whakaaro i tārewahia, kāore i whakatauria, ko te rerekētanga i tiakina. Ki te whakakotahitia te kōrero ki te tatauranga pōti, kua mahia te tūkinu. Ki te puritia te kōrero i te taha o te whakatau, kāore anō kia mahia.

He rārangi poto o ngā reo i roto i tēnei tikanga, he hoa haere e tika ana kia mōhiotia. **Ko Bernard Williams** mō te waimarie matatika me ngā here o te aronga whaihua — he wāhanga kei reira, ahakoa te kōwhiringa, he hē; ehara te mahi i te karo i te hē, engari ko te kawae i taua hē. **Ko John Gray** mō te rangatōpū herekore ā-tōrire — te uri hinengaro tino tika o Berlin, e pana ana i te kōrero maha ki mua ake ki te kerēme e mea ana ko ngā kāwanatanga rangatōpū herekore anō he huinga whakaritenga kotahi i waenga i ētahi atu, ehara i te mutunga whānui. **Charles Taylor** mō te whakamana ahurea maha — te kore e taea te whakaiti i ngā anga e mārāma ai ngā painga. **Iris Murdoch** mō te aro hei pūtake matatika — te āheinga ki te kite i tētahi atu i tōna āhua tūturu, ehara i te mea e hiahiatia ana e ō tātou ake whāinga kia pērā ai.

Kāore ēnei reo e puta i roto i te nuinga o ngā kōrero whakahaere AI. Ko te kore e puta ana rātou he wāhanga nō te āputa e aro ana tēnei tuhinga.

Alexander — hanganga ora, whai wāhi, te kounga kāore he ingoa

He kaihoahoa whare a Christopher Alexander, ā, e pā ana āna pukapuka ki ngā whare. I whakapau ia i te rima tekau tau e pātai ana he aha i rongō ai ētahi whare, tiriti, rūma, me ngā mārā he ora, engari ko ētahi atu — tae atu ki ērā i hangaia me te nui o te mātauranga me te pūtea — he mate.

Ko tāna whakautu, he āhuetanga hanganga e kīia ana e iako *te ora*, ko te kotahitanga rānei, ko — i tōna rerenga kōrero e tino mau ana i te hinengaro — *te kounga kāore he ingoa*. Ka taea te mōhio. Ka taea e koe te tū i roto i ngā rūma e rua, tētahi e ora ana, tētahi e mate ana, ā, ka mōhio koe ko tēhea ko tēhea. Kāore e taea te ine. Kāore he ine e hopu ana i tēnei; i te wā ka ngana koe ki te whakaiti ki tētahi nama, ka ngaro noa te mea.

Ko The Nature of Order, tana mahi whakamutunga e whā ngā pukapuka, e whakarārangi ana i te kōrero hanganga. Ka puta te kotahitanga i te pāhekoheko *ongā pokapū* — arā, ngā mea ā-ahua, ā-mātakitaki, ā-hanganga e whakakaha ana, e whakangāwari ana i a rātou anō i roto i ō rātou hononga. He pokapū tautoko ā tētahi hanganga ora; he pokapū whakataetae, he pokapū manakohia rānei ā tētahi hanganga mate. Ko te mahi hanga i tētahi mea ora, he mahi whakakaha i ngā pokapū kia tautoko ai tētahi i tētahi, ā, ka mahia tēnei mahi me te manawanui, i roto i ngā hikoinga iti maha, mā te whai wāhi a ngā tāngata ka noho ki te hua.

Ko A Pattern Language me *The Timeless Way of Building*, ōna mahi o mua, e whakamārama ana i tēnei hei tikanga mahi toi. He kohinga ture whakaputa te reo taurira e āhei ai ngā tāngata ka noho ki tētahi wāhi kia whai wāhi ki tōna hanga. Ehara i te mea mā te tuhi mahere matua ka tuku iho; engari mā te whakatikatika, te whakatikatika anō hoki, kotahi taurira i ia wā, mā te whakamahi, te mātakitaki, me te tiaki.

Ko te whakapae whānui a Aleksāndera puta noa i ēnei mahi katoa, *kāore e taea te hanga i ngā mea ora mā te whakahau i runga i runga*. Ka puta ake rātou i te whai wāhi. Me whakarerekē tonu rātou. Ka whakawhirinaki rātou ki ngā aronga e kīia ana e ngā ariā hoahoa arorau he “kāore i te arorau” — te aroha, te tiaki, te aro, te manawanui roa o te aro ki tētahi wāhi i roto i ngā tau, me te kite i ngā mea ora kei reira, me ngā mea kāore.

Ka whakamahia tēnei ki ngā hapori me ngā whakahaere, he tino whakamīharo te tikanga. Ehara te hapori i te huinga āhuetanga. He mea ora te hapori i te aronga a Alexander — ka puta tōna orange i te whai wāhi, te whakatikatika tonutanga, me ngā aronga ā-tinana pērā i te aroha, te pōuri, te aro, me te manawanui roa o te pupuri i te kaupapa i roto i te wā. He whakahaere kei a ia te kounga a Alexander, ā, ko tērā he wāhi ka taea e ōna mema te mōhio ki ā rātou ake mahi i roto i tōna āhua; ka whakakaha ngā pokapū nā te mea kei te whai wāhi ngā tāngata e noho ana ki roto i a rātou ki tō rātou whakakaha ake.

He tika tonu te tikanga mō te AI.

Kāore e taea e tētahi AI e mahi ana mō tētahi whakahaere ora te whakakapi i tōna orange whai wāhanga. Ka taea noa e ia te aro ki tērā. Ko te whakapai a-porowhita kati — he whāinga tū, he paearu e whakawā ana, he taonga e rere ana ki ngā tohu teitei ake, kāore ngā tāngata e whakawhiwhia ana e te taonga nei e whai wāhi ki te āhua o tōna rerenga — ka mahi i te hē. Ka wehe ia i te porowhita whai wāhi. Ka rere te whakapai kāore te hapori i roto. Ko te hapori te kaiwhiwhi painga, te hunga pāngia rānei e te rerenga, kāore rawa e whai wāhi ki te āhua o tōna ahunga.

Ka kawea noa iho e te tikanga Kāhui te taurira a Aleksana. Ko te kōrero te mahi ngātahi. Ko te whakatau te pokapū ka whakakaha, ka whakangāwari rānei i runga i te tautoko a te kōrero. Mātauranga — te tinana o ngā mōhioatanga e mau ana i te hapori — ehara i te pukapuka ture makariri; ko te whakatikatika tonutanga o ngā tikanga i te wā e tutaki ana te kāhui ki ngā āhuetanga hou. Ko te mahi a te tūāpapa he kawea i tēnei mahi kia kore ai e whakamakuku ki roto i tētahi huinga āhuetanga tū. Ka mōhio tonu a Alexander ki te āhua hanganga.

Te piriti — he aha i kore ai e angitu ngā whakahaere ora i te whakapai i runga i te whaihua

Whakanoho a Berlin rāua ko Alexander ki te taha kotahi, ā, ka mārama ake te tātāritanga.

Ka kī a Berlin he aha te take e tū ai te whakakotahitanga hei tūkinohanga hanganga ki ngā uara maha. Ka kī a Alexander he aha te take e wehe ai te whakapainga hurihanga kati i te oranga whai wāhanga o ngā hapori. Mā rātou tokorua e tautuhi ngā hapa hanganga e rua motuhake i roto i te anga whakahaere AI e rangatira ana, ā, he tino mate rāua:

1. Ka whakakotahitia e te anga ngā mea kāore e taea te wehewehe — arā, ngā uara e tika ana kia whakawhiwhia e te AI — hei whāinga kotahi. (Berlin.)
2. Ka wehewehe te anga i te porowhita whai wāhanga — ka noho te hapori e tika ana kia mahi ai te AI hei kaiwhiwhi, ehara i te kaiuru. (Alexander.)

He tino kino kē tētahi o ēnei hē kotahi. Mā ēnei e rua tahi e tohu ana he hē hanganga, ehara i te raru whakatikatika.

Ehara tēnei i te amuamu mō ngā pūnaha AI motuhake e hē ana ā rātou whanonga. Ka haere tonu ngā pūnaha motuhake ki te whanonga pai ake, ki te kino ake rānei, i runga i te hangarau. Kei mua i te hangarau te aronga o tēnei kōrero: kāore e taea e te anga e whakamahia ana mō te hangarau, ahakoa te taumata pūkenga, te rahi rānei, te whakatutuki i ngā hiahia o te whakahaere mō ngā hapori maha. He hē ā-hanganga te anga, ā, e rua ngā wā.

Ko te tikangao te kāhui te taurira whakahē e whai ana. Kāore ia e whanui mā te whakakotahi i ngā kōrero ki te tatau pōti. Ka whanui ia — ina ka tutuki — mā te pupuri i ngā painga maha i roto i te whai wāhanga tonutanga. Ehara ngā mema o tekāhui i te hunga whiwhi i tētahi whakataunga i puta mai i tētahi tukanga whakapai ake; he kaiuru hanga rātou i te whakawhiwhiwhi kōrero e puta ana ai taua whakataunga. Ka ara ake he kaupapa hou kāore anō kia arohia e te tikanga o nāianei, ehara i te mea ka rapu tohutohu te kāhui tētahi matakite kua whakangungua ki tētahi kohinga raraunga, ā, ka whakarōpū i ngā whakataunga pea mā ngā tohu; ko te urupare he kōrero, he whakakotahi i te kaupapa hou ki ngā mea kua ora kē i roto i te tikanga, ā, ka rapu i tētahi huarahi e tautokohia ana ete kōrero.

Ko te anga whakahaere Māori o nāianei i whakahuatia i roto i tēnei mahi, ko **Te Kāhui Raraunga Mōdeli Whakahaere Raraunga Māori** a Te Kāhui Raraunga — Tuia te korowai o Hine-Raraunga, ngā pou e waru — me te anga whānui ake o te Whakahaere AI Māori kua tuhia e taua whakahaere. Koinei te paearu e whakamahia ana ināianei mō te whakahaere kaupapa Māori o ngā raraunga me te AI; **Karaitiana Taiuru** tātāritanga matatau a Karaitiana Taiuru i te 20 o Mahuru 2025 (taiuru.co.nz/critical-analysis-mana-raraunga/) e tuhi ana i ngā take e hiahiatia ana kia whakakīia atu ngā mātāpono e ono o mua o Te Mana Raraunga (2016–2018) ina whakamahia ki te AI motuhake. Kei a ngā Māori tonu te mana whakatau mō ngā anga whakahaere raraunga a te iwi; e whakahua ana tēnei tuhinga i ēnei puna nā te mea koirā ngā mahi e whakamahia ana ināianei, ehara i te mea hei whakamārama, hei whakataunga rānei mō aua mahi.

Ko te ū ki te hanganga maha-pokapū e whai ake ana i te piriti he māmā tōna hanganga

ahakoa me āta tiaki i tōna whakatinanatanga. Ia kāhui, iwi, hapū, whakahaere marae, whānau rōpū e mau ana i tōna ake mana whakahaere ki runga i te tūāpapa e whakarato ana ki a ia. Kāore he kaiwhakapai ā-ao. Kāore he tohu kotahi. E puritia ana ngā painga maha e ngā mana maha — koinei tonu te āhua e hiahiatia ana e te maha-āhua o Berlin, i roto tonu i te aronga whai wāhanga e hiahiatia ana e te hanganga ora a Alexander.

E rua ngā pūtake hanganga, kei te whakaputaina rāua i runga i te tūāpapa rangitaki rangatira Village, e whakamana ana i tēnei.

Tuatahi, **ngā peke ārahi**. Ia mana whakahaere ka hainatia tōna ake peke e tautuhi ana i ngā mea ka taea e te AI e mahi ana mō tōna kaipāpāhi te whai, ngā mea me whakahē, me ngā rohe ahurea me whakaute. Ko te hapori te tautuhi i te peke; ka aro te tūāpapa ki reira; ā, kei te hapori te mana ki te whakarerekē mā hui me kōrero.

Tuarua, **te tiroiro i ngā rohe ahurea i te wā e rere ana te pūnaha**. Ka āraia ngā putanga e te pēke ārahi i te wā e whakaputaina ana, ehara i te wā whakangungu anake. Ko te Tikanga Whakamātautau a Sir Hirini Mead— arā, te whakaritenga kia whakatauria tētahi mahi ki ngā tikanga o te hunga e pāngia ana e taua mahi, mā rātou anō — koinei te tauira hanganga. Ko te tūranga o te tūāpapa he whakamahi i te whakamātautau kua whakaaetia e te hapori, ehara i te whakakapi i āna ake.

Ehara i te āhuatanga motuhake tētahi o ēnei pūtake. He herenga hanganga rāua e hua ana i te tango i a Berlin rāua ko Alexander — me te tikanga kāhui i whakapuaki ā muri ake nei — hei mea nui.

Ko te ahunga o ngā tuhinga hangarau — me te āputa e waiho ana e ia

Kei te whakakotahi tētahi rārangi rangahau pae-mua ki tētahi paparanga e tata ana ki tērā e whakamahia ana Village mō ngā wāhanga o tōna pūnaha e urutau ana i te wā. Ko te tauira e tiritirihia ana: he tauira pūtake tūmau, he taonga tuhinga e whanake ana e kawea ana i ngā tohutohu a te kaiwhakahaere, he kuaha whakamana aunoa e whakaae ana, e whakakāhore rānei i ngā putanga whakamātautau o te taonga tuhinga.

Nā TextGrad o Stanford i whakauru te ariā o ngā whakahōu āhua-pākōkō ki ngā taonga tuhinga mā ngā arotake reo-tūturu. I whakawhānuihia tēnei e te mahi a **GEPA** o te tau 2025 mā te torotoro i runga i te taupori. Ko ngā tuhinga mō te whanaketanga pūkenga o te tau 2026 — **SkillOpt, Trace2Skill, EvoSkill** — e whakawhanake ana i ngā tikanga hei kitea, hei whakapai hoki i ngā taonga pūkenga ā-wāhanga. (Ngā tuakiri pepa kei te poraka whakamutunga i raro nei.)

He ahunga whakamua tūturu ēnei tikanga. Ka neke atu rātou i tua atu i te tauira tawhito o te whakatikatika-taumata-ki-te-whāinga-pūmau. Ko te taonga e whakapāhia ana ināianei he kuputuhi, he maha āna āhua pea, ka taea te whakarite mā te hōtaka, ā, ka taea te ako mai i ngā urupare. He nui ake te whai wāhi o tōna āhua i tēnei i ngā mea o mua. Me aro nui ki tēnei.

Engari, ko te kuaha whakaae, puta noa i ēnei mahi katoa, ka whakaae ki te momo whai tohu teitei rawa. Kotahi te nama hei whakarārangi i ngā kaitono, ā, ko te kaitono whai tohu teitei rawa ka toa. Ko te kuaha te kaiwhakapai, ā, ko te kaiwhakapai te kuaha.

Ko te āputa e waiho nei tēnei, ko te āputa kua kōrerotia e tēnei tuhinga puta noa i tōna roanga.

Kāore kaitiaki mō te taonga. Kāore he wāhi tō te hapori e tika ana kia āwhina te AI i ā rātou mahi ki te whakatau ko tēhea momo o te taonga ka ora. Ko te kaitono i whiwhi tohu teitei rawa i te paearu ka ora; ko te tirohanga a te hapori mō ngā whāinga a te taonga, i te pai rawa, he urunga i mua i te paearu, ehara i te mana whakahaere i te kuaha.

Kāore he whakahau iwi mō te ahunga. Ka rere noa te taonga ki tētahi wāhi i te roanga o te wā. Ko te paearu e whakatau ana i te rere, ehara i te kāhui e ai ki te mahi a te taonga.

Kāore he rohe i tautuhia e te hapori e whakamātauhia ana i te wā e whakaputaina ana ngā hua. Ko ngā rohe ahurea — mēnā kei reira rānei i roto i te pūnaha — he āhuratanga whakaaro i te wā whakangungu kua whakaurua ki te mahi tatauranga, ehara i ngā kuaha whakahaere e tirohanga ana ki ngā tikanga ake o te hapori.

He hanganga tēnei āputa, ehara i te kāwai āhuratanga. Kāore he paparanga mana-hapori i roto i ngā rangahau ā-āhua whakapai rorohiko, nā te mea kāore te anga matua e whai ariā mō te hapori hei turanga whakatū mana. Ko te anga: whai i tētahi ine, ā, whakawhitia mā te tohu. Ehara i te whakarerekē tawhā te tāpiri i te "mana hapori". Me whai tētahi ariā rerekē mō te nohoanga o te mana — i tautuhia e te hapori, i puritia e te tokomaha, i whakahoutia e ngā kaiuru. Ko tērā ariā te mea i tohu ai a Berlin rāua ko Alexander, ā, ko te mea kua mau tonu i ngā tikanga kāhui.

Ko te ū ki ngā hanganga Villagee pā ana ki te wāhi e noho ai te kuaha. Ka taea e ngā tikanga whakapai rohe, mēnā ka whai hua, te nohoi *raro* i te mana whakahaere o te pākete arataki, kua ko *rātou* te mana. Kei raro i te kaitiaki te paearu, ehara i te mea kei runga ake. Ka puta te āhua whakarāpopototia o tēnei kōrero hei \$5.5 o te pūrongo whakamārama a Te Kāhui Māori mō Hune 2026; ko tēnei tuhinga te āhua whakawhānui.

Ko ngā hua o te whakaaro nui ki te piriti

Ki te whai hua te kōrero nei, ka whai ake ētahi mea motuhake.

Kāore e taea e tētahi AI e tika ana kia mahi mō ngā hapori maha te whai kuaha i tētahi tohu paearu. Me noho te kuaha ki te mana kua tautuhia e te hapori — arā, te mana ārahi e noho ana i te wā e ora ana te tangata, ā, ka whakahoungia e te hunga e pāngia ana o rātou oranga e ngā hua a te AI, ā, ka whakamahia i te wā e whakaputahia ana ngā hua, ehara i te wā whakangungu anake.

Ko te arataki pokapū maha te hanganga e hiahiatia ana mō tēnei. Ehara i te mana kotahi ā-ao mō ngā whanonga o te AI; ehara i te poari arotake pokapū; ehara i ngā kaihanganga o te AI hei mana tūturu. Ka hainatia e ia mana whakahaere tōna ake pēke. Ka whakaata ia pēke i ngā tikangao te hunga e whakahaerehia ana e ia. Ka aro te AI ki te pēke e whai mana ana mō te kaupānga e mahi ana ia. Kāore he peke a te kaupāpā e whakahaere ana i te kaupāpā o tētahi atu. He maha ngā rawa, he maha ngā ringa whakahaere, he maha ngā whakahōutanga.

Ko te tirohanga i te wā whakahaere te kuaha e hiahiatia ana mō tēnei. Ehara i te whakatikatika anake i te wā whakangungu kia ū ki tētahi whāinga ā-ao; engari ko te whakamahi i ngā here ake o te hapori i te wā whakahaere, i te wā e whakaputaina

ana ngā hua. Ko Mead Tikanga Testte tauira hanganga: ka whakatauria tētahi mahi ki ngā tikanga o te hunga e pāngia ana e taua mahi, nā rātou anō. Ko te mahi a te tūāpapa he whakamahi i te whakamātautau kua whakaaetia e te hāpori, ehara i te whakakapi i āna ake.

Kāore a Berlin rāua ko Alexander i whakatau i ēnei mea katoa. I ingoa rātou i ngā mea e hiahiatia ana e te whakahaere. I tautuhi rātou — a Berlin nō te ariā tōrangapū, a Alexander nō te mahi hanga — kāore e taea te whakaiti i ngā painga maha, ā, kāore e taea te whakahau i ngā mea ora. Kua whakapau te nuinga o te tekau tau kua pahure te whakawhitiwhiti kōrero mō te whakahaere AI i te tiro atu ki tua atu i ā rātou mahi. Ko te utu o tērā, ko te waihanga i tētahi anga e kore e taea te mahi i ngā mea e hiahiatia ana e te whakahaere mō ngā hāpori maha, ahakoa he rahi whakaritea, he matatau hoki te hangarau.

Kua roa Kāhui Māori e mahi ana i tēnei kaupapa, kāore he hiahia ki ngā kupu a Berlin, ki ngā hoahoa a Alexander rānei. He mea tūturu tēnei mahi, ahakoa ko wai te tangata e whakamārama ana. Ko tēnei tuhinga he whakamātau ki te whakamārama, mō ngā kaupānui kāore pea i tūtaki ki tēnei tikanga taketake, he aha ngā mea e pā ana ki te hanganga — me ngā hanganga kē kua whakamahia, e whai hua ana, ā, e tika ana kia arohia.

Pānui anō

Berlin — *Two Concepts of Liberty* (1958); *The Hedgehog and the Fox* (1953); *Four Essays on Liberty* (1969).

Alexander — *The Nature of Order* (ngā pukapuka e whā, 2002–2004); *A Pattern Language* (1977); *The Timeless Way of Building* (1979).

Te Kāhui Raraunga — *Te Mana o te Raraunga Māori: Tauira Whakahaere Raraunga* (Tuia te korowai o Hine-Raraunga); *Anga Whakahaere AIMāori* (me te pūrongo whakarāpopoto me ngā rauemi take whakamahinga). hui.io.

Karaitiana Taiuru — *Tātaritanga Tātari: Te Mana Raraunga* (20 o Hepetema 2025). taiuru.co.nz/critical-analysis-mana-raraunga/.

Ētahi atu reo i roto i te tikanga o Berlin e tika ana kia pānuitia:

- Joseph Raz — *Te Matatika o te Rangatiratanga* (1986); *Te Whakauru i te Aronga Hinengaro* (1999).
- Bernard Williams — *Moral Luck* (1981); *Ethics and the Limits of Philosophy* (1985).
- John Gray — *Berlin* (1995); *Two Faces of Liberalism* (2000); *Isaiah Berlin: An Interpretation of His Thought* (2013).
- Charles Taylor — *Ngā Pūtake o te Tangata* (1989); *Ngā Tōrangapū o te Whakamana* (1992).
- Hannah Arendt — *Te Āhua Tangata* (1958).
- Iris Murdoch — *Te Rangatiratanga o te Pai* (1970); *Te Mātakite Hei Aratohu ki ngā Tikanga* (1992).

Kei reira e tohu ana ngā tuhinga hangarau

He wāhanga whakamutunga, ehara i te wāhanga o te tautohetohe i runga ake nei. Kei reira ngā tikanga; kei te tuwhera tonu te pātai mō te gate-locus.

- **SkillOpt** — arXiv:2605.23904. Microsoft + Shanghai Jiao Tong / Tongji / Fudan, 2026. Whakapai i ngā taonga pūkenga.
- **GEPA** — arXiv:2507.19457. 2025. Rangahau i runga i te taupori mō ngā taonga tuhinga.
- **TextGrad** — arXiv:2406.07496. Stanford, 2024. Ngā whakahōu āhua-gradient ki ngā tuhinga mā te arotake reo ā-tangata.
- **Trace2Skill** — arXiv:2605.21810. 2026. Whakangao pūkenga mai i ngā tohu whakahaere.
- **EvoSkill** — arXiv:2603.02766. 2026. Whanaketanga pūkenga ā-huringa.

Ka tohu ngā tohutoro mā te tuakiri o te pepa. Ko te nuinga kei muri i te rā whakamutunga pānui a te kaituhi o tēnei tuhinga; ko ngā tuakiri te turanga mana, ehara i te whakahāngai. Ko tā te noho o ēnei tuhinga e whakaatu ana, ko te paparanga e whakamahia ana e te tūāpapa Village — he taurira pūtake kua whakamātauria, he taonga tuhinga e whanake ana e kawea ana i ngā tohutohu a te kaiwhakahaere, he kuaha whakamana aunoa — kei te tae motuhake atu ki reira ngā rārangi rangahau maha.

Kei hea e rerekē ai te anga Villagei tōna hanganga

Ka whakamahia e ngā tikanga āhua-whenua whakapai ake kua whakahuatia i runga ake nei me te anga whakahaere-pokapū maha Villagete paparanga taketake kotahi, engari ka wehe rātou i ia herenga hanganga e hira ana mō te whakahaere. Ehara ngā rerekētanga i te whakatikatika, ngā tawhā-nui, me te kōwhiringa paearu whakataurite — kei te nohoanga o te mana.

Arahitanga	Anga āhua whenua whakapai	Anga o teVillage
Te wāhi o te kuaha whakaae	Tau paearu — kotahi tau e whakataurite ana i ngā taonga e whiriwhiria ana	Kete ārahi — mana i hainatia e te hāpori mō ngā mea ka whai te taonga
Te mana whakahaere i te whanaketanga o ngā taonga	Te kaiwhakapai (ko te kuaha te kaiwhakapai; ko te kaiwhakapai te kuaha)	Te hāpori (rangatira / kaitiaki / mema, e arotake ana i ngā peke māhui me kōrero)
Te whakahaere i ngā taonga maha	Kua whakawhānuitia ki te whāinga; kua whakakotahitia ki tētahi tau kotahi i mua i te whakahaere whakapai	E puritia ana e ngā mana maha; kāore he kaiwhakapai ā-ao; kāore he tohu kotahi puta noa i ngā kaupānga

Arahitanga	Anga āhua whenua whakapai	Anga o te Village
Tātari rohe i te wā whakahaere	Whakakotahitanga i te wā whakangungu ki tētahi whāinga ā-ao; kāore he rohe i tautuhia e te hāpori i te wā whakaputa	Kuaha whakahaere i te wā whakahaere ki te kohinga arataki i te wā e whakaputaina ana ngā hua; Mead Tikanga Testhei tauira hanganga
Tūranga o te hāpori i roto i te porowhita	Kaupapa painga, kaupapa pāngia rānei o te rere noa — kei te noho te hāpori i te pito o runga ake o te paearu, i te pito o raro ake rānei o te putanga, kāore rawa ia e whai wāhi ki te kuaha	Kaiwhai wāhanga whakatū — ko te hāpori te pūtake mana e tautuhi ana i ngā āhuatanga ka taea e te taonga hanga
He aha te tikanga o te “whakakotahitanga”	Ka whiwhi tohu teitei ake ngā hua o te taonga i runga i tētahi tohu whakataurite mō ngā hiahia o te hāpori	Kei roto i ngā rohe i whakaaetia e te hāpori anō ngā hua o te taonga, ā, ka taea te whakarerekē i runga i te wāhanga wā i tautuhia e te hāpori anō
Aratau hapa ina rereke te taonga	Kāore he tūranga whakatū i te hāpori hei whakatika i te huringa; he whakarerekē anake i ngā raraunga whakangungu me ngā paearu, ā, kei mua i te kaiwhakapai ēnei, ehara i te wāhanga whakatū o ia.	Ka whakahou te hāpori i tōna ake peke; he wāhanga taketake te whakatika ki te hanganga, ehara i te mea tāpirihia noa
Te tikanga o te kotahitanga	Te tohatoha i ngā taumaha, ngā whakahau, me ngā whare pukapuka pūkenga i waenga i ngā pūnaha e ia ana tōna ake kaiwhakapai	Te tiritiri, te whakaae rānei i te mana whakahaere i waenga i ngā hāpori e mau ana i te mana ki runga i ā rātou ake kaipāpā
Te tikanga o te rahi	He maha ake ngā kaiwhakamahi e whakawhiwhia ana e taua kaiwhakapai kotahi ki taua paearu kotahi	He maha ake ngā mana whakahaere, ia rōpū he peke motuhake āna; ka aro te tūāpapa ki te peke e whai mana ana mō te kaipānga e whakaratohia ana e ia

He ū tonu te whakatau hanganga puta noa i te ripanga. I roto i te anga āhuatanga

whakapai, ka **whakawhiwhi**ate hapori **kitētahi** tukanga whakapai e whakatau ana kei hea te haere a te taonga. I roto i te angaVillage, **ko** te hapori **anō te mana whakahaere mō te wāhi e haere ai te taonga**. Koinei te rerekētanga i waenga i tētahi hononga ratonga me tētahi kāwanatanga.

E rua ngā hua whaihua ka whai ake.

Tuatahi, ka taea te whakamahi anō i te turanga o ngā tikanga āhua-whenua whakapai i raro i te anga Village. Mēnā ka whai hua tētahi o ēnei tikanga mō tētahi mahi hangarau whaiti — te whakapai i tētahi pūkenga motuhake mō tētahi rohe, te torotoro i ngā momo rerekē o tētahi tuhinga whakahau, te whakaputa i tētahi pūkenga mai i ngā tohu whakahaere — ka taea Village te whakamahi i te tikanga me te pūnaha whakahaere hei kuaha, kaua hei paearu whakataurite. Ke *i raro i te* mana o te hapori te kaiwhakapai, ehara i te mea ko ia te mana. Ehara tēnei i te ariā noa: ko te whakatau hanganga tēnei e āhei ai Village ki te whakaarohia ngā tikanga ā-mua hei mea nui, me te kore e ngaro ngā āhuatanga e hanga ana i te mana whakahaere hei mana whakahaere. Ka noho ngā tikanga hei taputapu e whakamahia ana e te hapori, ehara i ngā tukanga e herea ana te hapori.

Tuarua, kāore e taea te tāpiri mana hapori ki ngā tikanga ā-āhua whakapai kia kore e whakarerekē i tō rātou anga taketake. Ehara i te mea kotahi te tāpiri i tētahi hongere “urunga hapori” i mua i te paearu me te whakarite i te hapori hei mana whakahaere mō te hua. Ka rere tonu te paearu; ka ārai tonu te kaiwhakapai; ka kaiwhiwhi tonu te hapori. Hei whakanoho i te hapori ki te kuaha, me whai i tētahi mea kāore i te anga whakapai: arā, te ariā o te hapori hei pūtake mana whakatū. Ehara i te āhuatanga tohu (feature flag) te noho, te kore rānei o taua ariā. Ko te kōwhiringa tēnei mō te momo pūnaha e hangaia ana.

Kua whakapae tēnei tuhinga, puta noa i tōna roanga, kei hea te wāhi mana e noho ai. Kei te tohu ngā tuhinga hangarau ki te turanga e whakamahia ana e Village. Ko te pātai hanganga tuwhera — kei hea te nohoanga o te kuaha — ko te pātai e tika ana kia whakautua e te piriti ā-arotake kei runga ake nei. E ai ki te maha-āhua o Berlin me te hanganga ora a Alexander, kāore e taea e te kuaha te noho hei ine kotahi, ā, kāore e taea te kati. E whakaatu ana ngā tikanga Kāhui i te āhua o te kuaha ina tautuhia e te hapori, e puritia ana e te tokomaha, ā, e whakahouhia ana mā te whai wāhanga. Ko Village te ū ki te hoahoa hanganga ki te hanga i te tūāpapa pēnei mai i te tīmatanga.