



# Kawai iaon te Tania n Amwarake

## Abaiang Island, Kiribati

Kiribati language



# Taekan ni kaitau

Te boki iaon *Te kawai iaon te Tania n Amwarake iaon Abaiang, Kiribati* e reke man te tabo n kakaee ae aranaki bwa te Australia Center for International Agriculture Research project, *Te bitaki iaon kawain te amwarake n tania n Tebetebeke (CLIM-2020-178)*.

Ti karabwaia kain te komuniti mai Tebero, Teburao ao Tuarabu mai Abaiang, ake a tia ni ibuobuoki n te karikirake aio. Ti karabwaia riki naake a tia n anga nanoia bwa ana riki bwa taan ibuobuoki (knowledge brokers) ibukin aia rereitaki ao aia mwakuri korakora, Kaeiei Benetito, Kanraoi Uriam, Timeon Malcolm, Kiboboua Raiwan, Beia Tominiko, Terenga lauea ao Rereniti Tiiman.

Ti anga naba ara taeka ni karabwarabwa nakoia Kauntira iaon Abaiang, Ministry of Environment, Lands, Agricultural Development, Ministry of Education, Office of Te Beretitenti, ao Ministry of Culture and Internal Affairs ibukin aia boutoka.

Te Live and Learn Environmental Education Kiribati Board ibukin taeka n reirei ao aia kairiiri inanon karaoan te karikirake aio.

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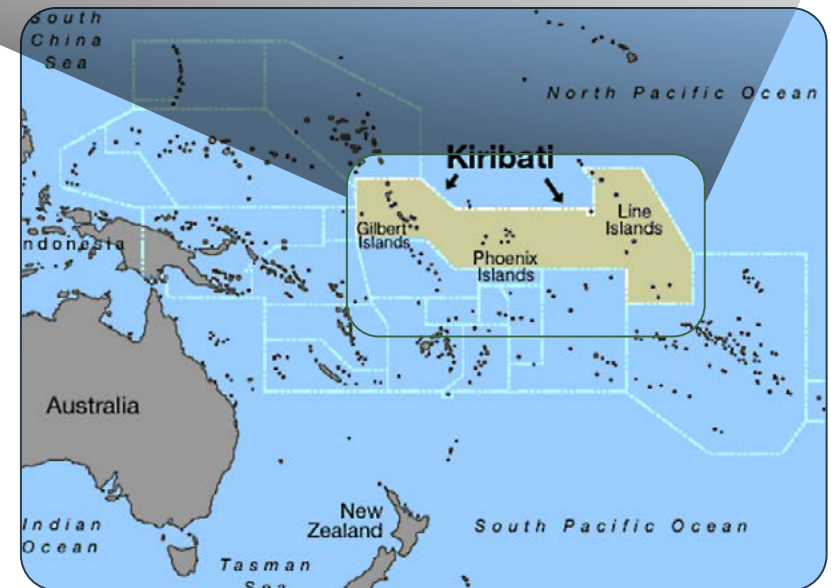
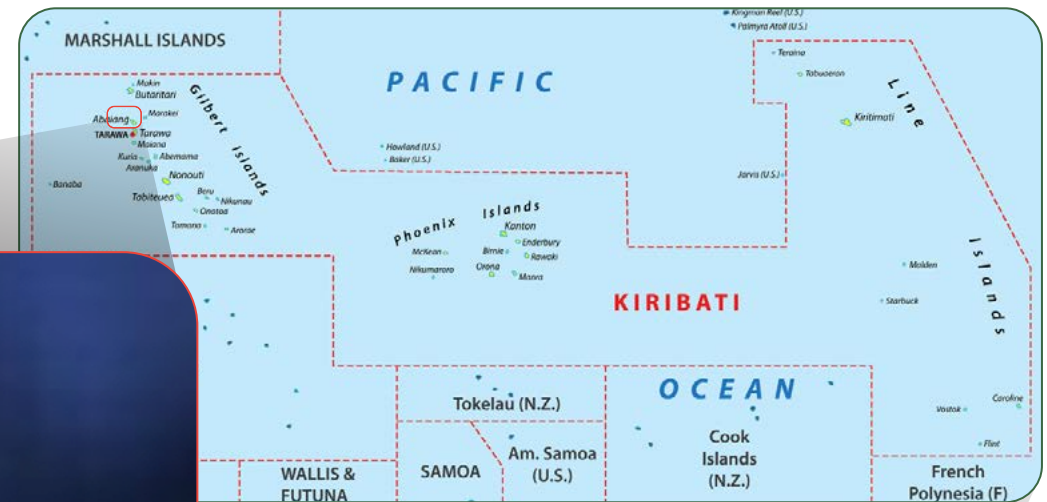
# Te moan taeka

A tawe aron bitaki, ao a kangaanga aron atakin taai aika imwaira. Bibitakin kanoan boong, rikiraken te botannaomata, ao rabakau aika a boou a kona uota te kanganga/urubwai, ma a konaa reke bwa kakabwaia naba. Kanganga aika a karina aekakin COVID-19, urubwai/kanganga aika a riki man bibitakin kanoan boong, ao itaberaaraa a kona naba n roota te aonnaba. Ma Community ana riai tatauraoi.

Inanon Aokai 2023 nakon Maati 2026, te rabwata aio ibukin te kakaei iaon te ununiki e mwanena te karikirake ae *Te bitaki iaon kawain te amwaraken tania n Tebetebeke*. Te reitaki e karaoaki imarenan Cawthron Institute, Live and Learn Environmental Education, Kiribati, te University of Technology, Sydney, CSIRO ao SPC. Abaiang bon te aba ae rineaki bwa ena riki bwa te aba ae ena reitanako ana mwakuri Live and Learn iaon te amwarake ibukin taai aika ana roko. Kain Abaiang ao te Kauntira a kariaia bwa ena karaoaki te karikirake aio iaon abaia. Te booki ni karaki aio e katabwanina ana mwakuri te karikirake aio.



# Abaiang Island, Kiribati



# Ana boto ni iango te karikirake

- Karikii amwarake n tania ake a riki iabara nakon are ana kona ni kaitarai bibitakin kanoan boong, ana maiuraoi ao ana kona n tei maan nakon taai aika ana roko;
- Buokaia kain te aba bwa ana kona ni karikirakei aia konabwai bwa ana kona ni karaoi bitaki;
- Karaoan ana kain ni baire te aba ma kaina ao bwain mwakuri



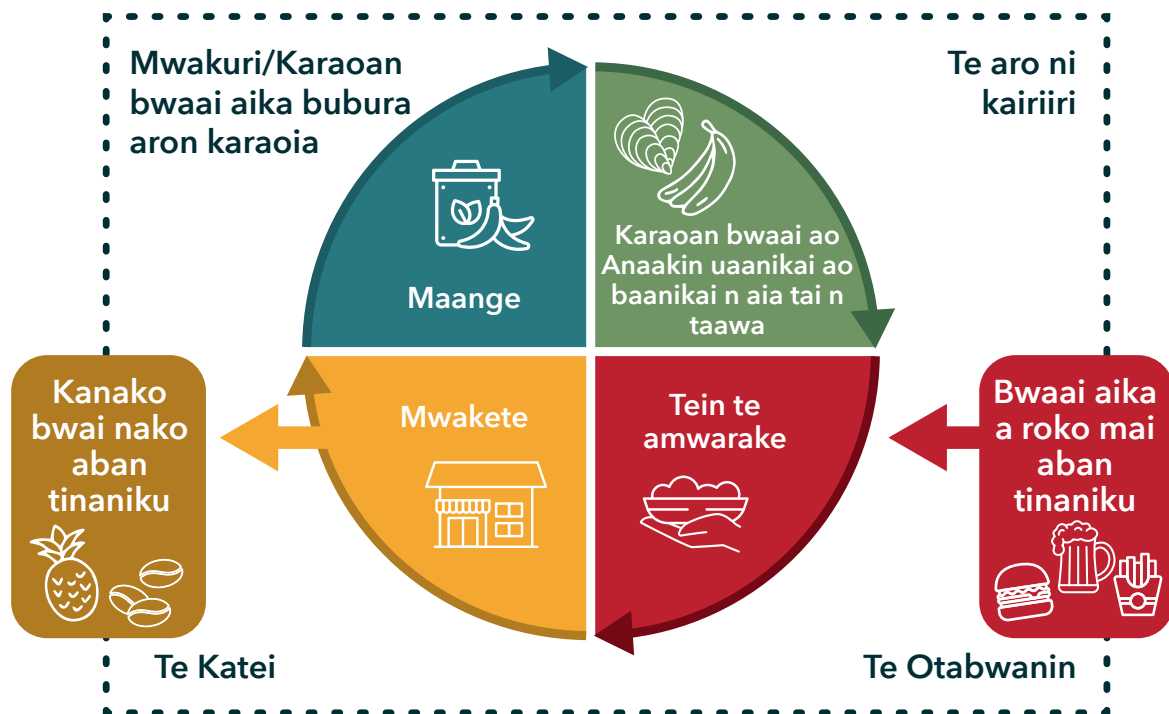
## Opposite page:

N te katei ni Kiribati ao iai te rabakau ae aranaki ba te 'Kaiwa'. N te rabakau aio ao te tia kaiwa ena kauraa te ai ni kaitaraa otintaai mai mainiku, ena kauraa baanikai n te aro are ena otinako te bubu man baanikai akekei, ao ena ikena te bubu anne. Man te rabakau ni Kiribati aei ao ena konaa n atai kanoan ma bwaai aika ana riki nakon boong ake imwiina ao ena kona naba n karekei kawai ibukin kangaraoaia. Te rabakau aio e bon rangi ni kakawaki irouia taan boborau / mwamwananga rinanon marawa. Te tia korobanna ae Natan Itonga, e kabongana te taeka 'Kaiwa' ibukin kabwarabwaran te 'Mwakuri n kakatauraoi', bwa tera anagaraoin mwakuriana nakon taai ma boong aika ana roko.



# Tera te tania n amwarake?

Te tania n amwarake e bongana nakon te community ni kang amwarake aika a kamarurung, maeuraoi iai, ao ni mwengaraoi. Te tania n amwarake e konaa ni kabwaranakoaki nanona ao n tei ibukin: "bwaai ni kabane aekakin (otabwanin, aomata, iango ni karinrin, karaoan mwakuri ibukin te bitaki, kateitei, botaki, ao a maiti riki.) ao mwakuri aika irekereke ma karaoan bwaai, katauraaoan bwaai, tibwatibwan bwaai, ao kanakin amwarake, ao man noraki mwiin mwakuri aikai, ao ni konaa n irekereke n oti mwiia n te karekemwane ao te otabwanin".



Te karikirake aio, Natan Itonga e karaoa te kanikinaa ae te 'Uamari' ni kaota te tania n amwarake n te abamakoro.



## Kainbaire ibukin te tania n amwarake ma anga ntoto

Inanon Aokati 2023 nakon Tuun 2024 te karikirake e boboto iaon te babaronga. Mwakuri aika a karaoaki a boboto iaon onoua(6) kawai n reirei. Ao kawai n reirei aikai a karaoaki bwa ana buokia aomata bwa ana ota raoi n te tania n amwarake, ana kona n atai bwaai aika ana riki n taai aika ana roko, kabuanibwai ao ana kanga ni kaitarai, ao ana kona n boraoi ni iango iaon kawai ni kaitarai bibitaki iaon te amwarake.

Kawai n reirei a  
kabwaninaki man  
mwakuri nako



# Babaronga n ataakin kawai

TE BONG AIO

2030

2050



## Kawai 1

Tera karinanin ke tein aron te tania n amwarake ke amwarake n tania?

## Kawai 5

Tera anga ni kaitarai kanganga aika ana kona riki?

## Kawai 6

Tera mwakuri ke katauraoni ni kaitarai kanganga ibukin te tania n amwarake?

Tenan kawai ibukin katokakin taian kanganga n irekereke ma te tania n amwarake

## Kawai 2

Tera mwakuri aika karika te bitaki nakon te tania n amwarake?

## Kawai 3

Tera kakawakin te tania n amwarake ibukin taai aika ana roko?

## Kawai 4

Tera kataratara ibukin te tania n amwarake ibukin taai aika ana roko?

Korakora te urubwai katautau

Korakora tau te urubwai n te katautau

Uarereke te urubwai katautau

Korakora tau te urubwai n te katautau

Korakora te urubwai katautau

KATARATARA

# Kawai 1 Tera karinanin ke tein aron te tania n amwarake ke amwarake n tania?

TE BONG AIO

2030

2050

**Kawai 1**  
Tera karinanin ke  
tein aron te tania  
n amwarake ke  
amwarake n  
tania?



## Te kawai 1, onoua (6) mwakuri aika a karaoaki:

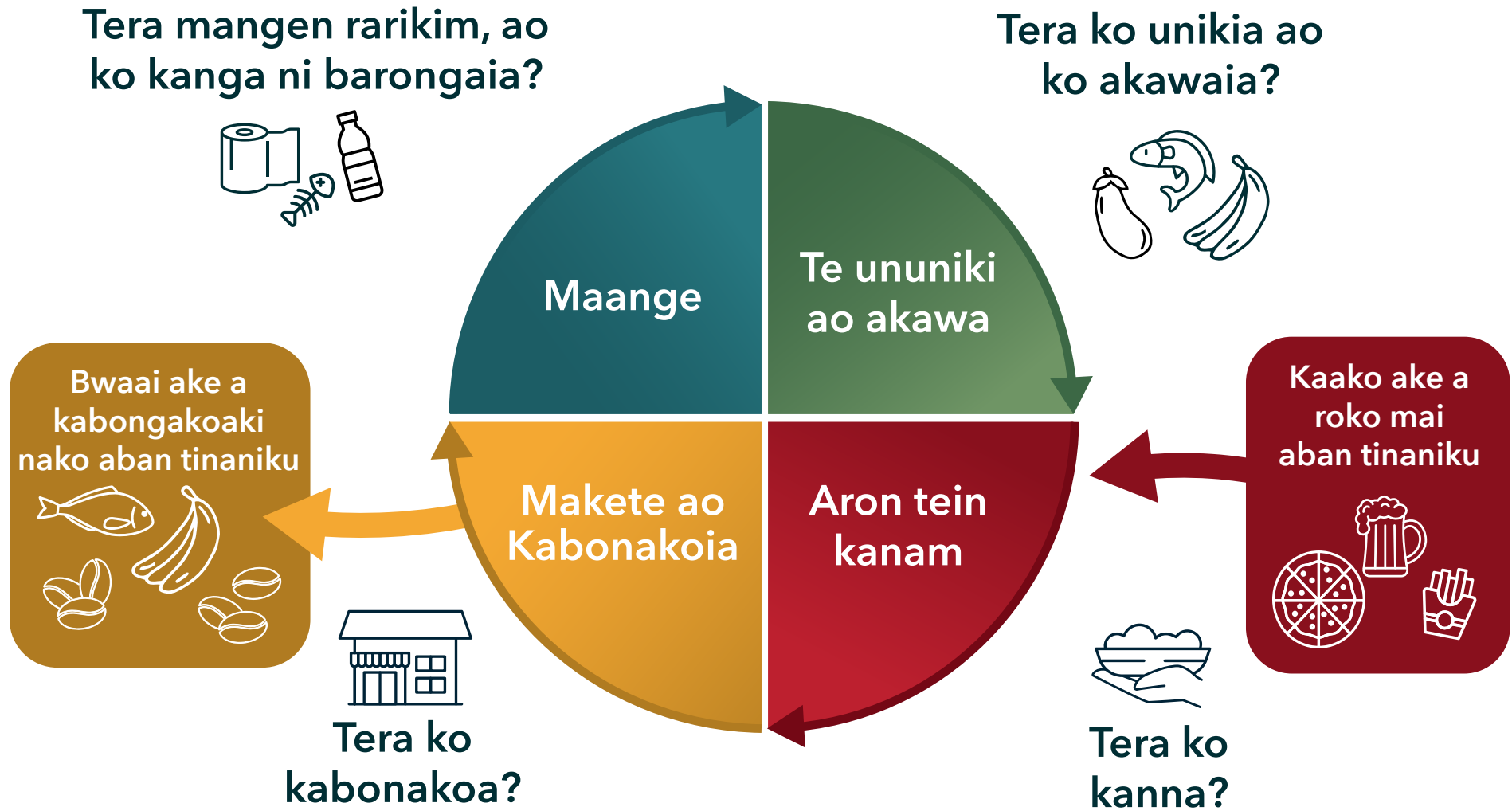
- Ota n ana amwarake n tania Abaiang
- Iangoi bwaai aika a riki n taai aika nako ao bitaki
- Kaotia bwa terana te amwarake ae kakawaki
- Kaoti kanganga n te tania n amwarake ao anga n totoko

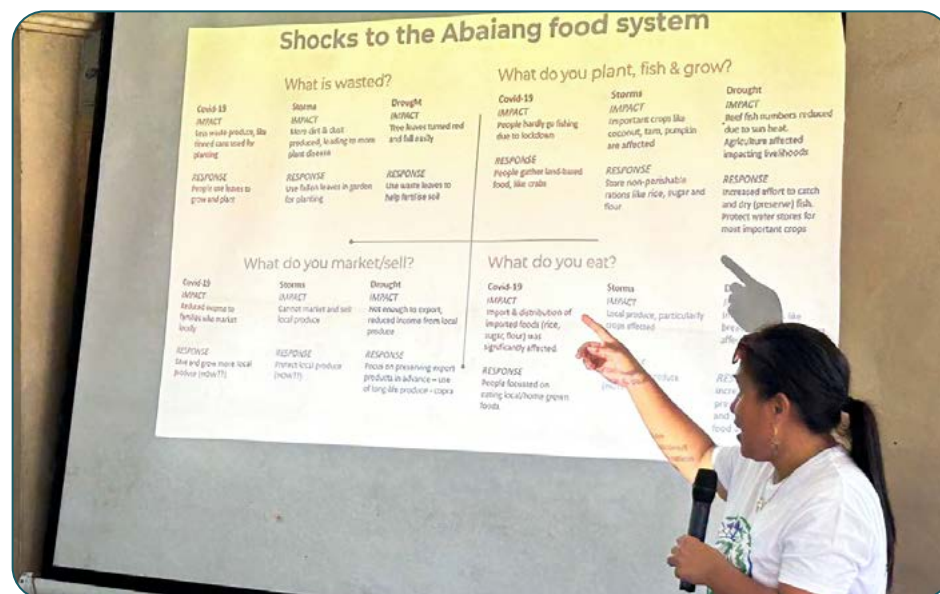
### Taian mwakuri aikai:

1. Wiiran te tania n amwarake
2. Bibitaki aika riki inanon boong ake ngkoa
3. Aomata ake iai mwakaia ni karaoi babaire
4. Causal Loop Analysis
5. ADWIM (Assets-Drivers-Wellbeing-Impact-Model)
6. Mwakuri ni kakaei iaon tein te amwarake



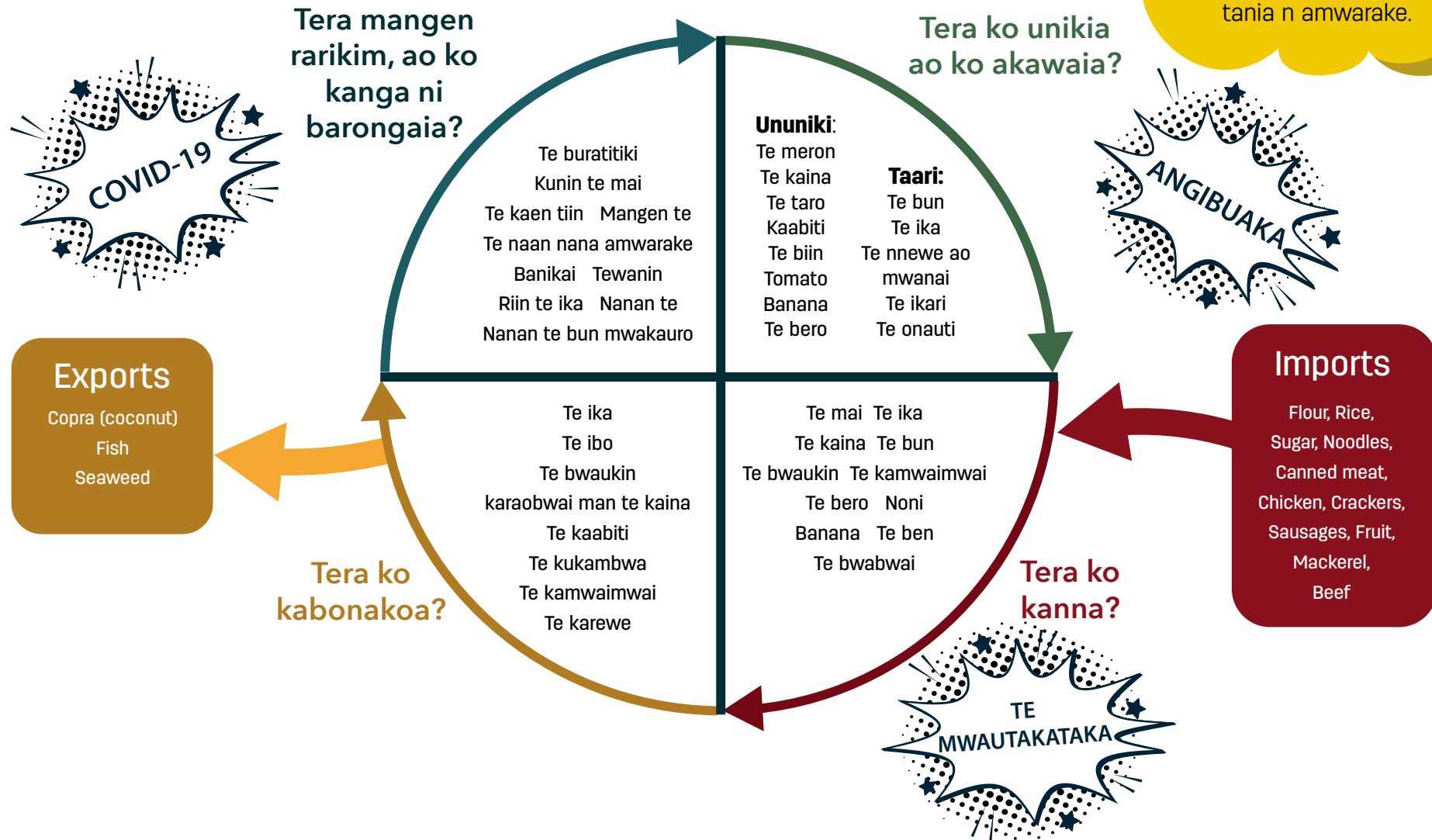
# Mwakuri 1: Wiiran te tania n amwarake





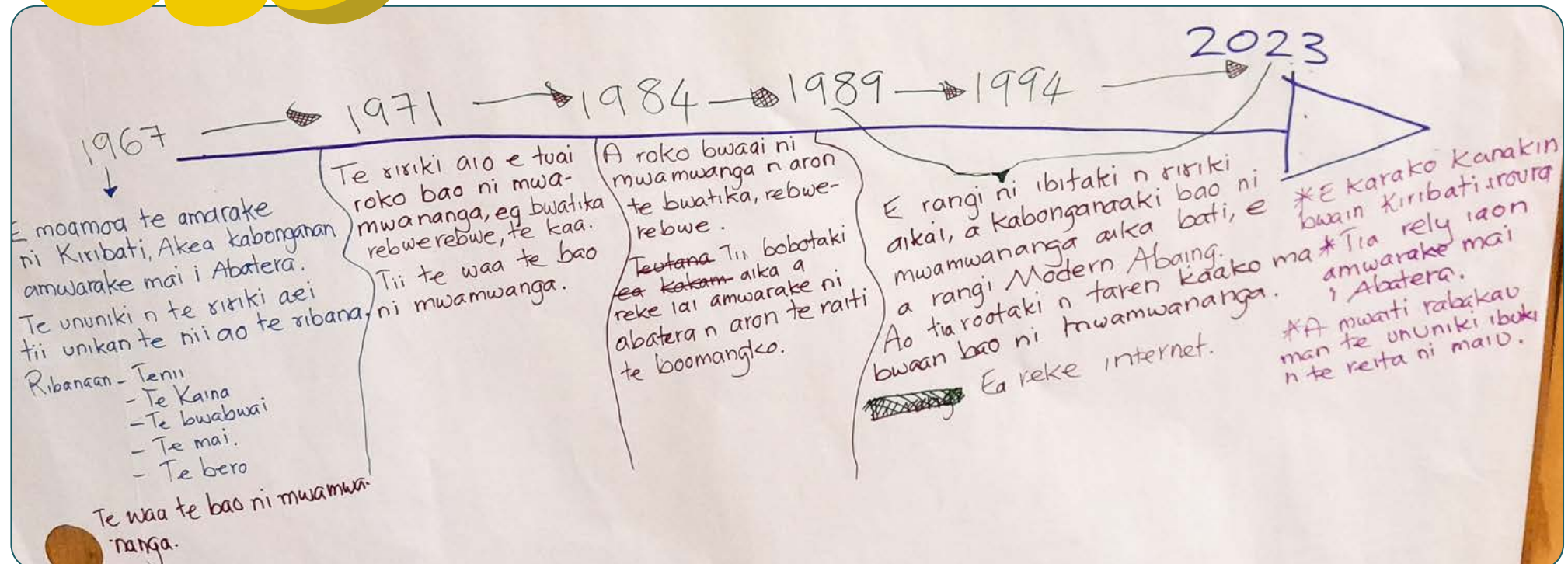
# Kamatatan te Amwarake n Tania Abaiang

Angibuaka, mwau takataka ao COVID-19 a tia n riki bwa ngaia te nan kanganga nakon te tania n amwarake.

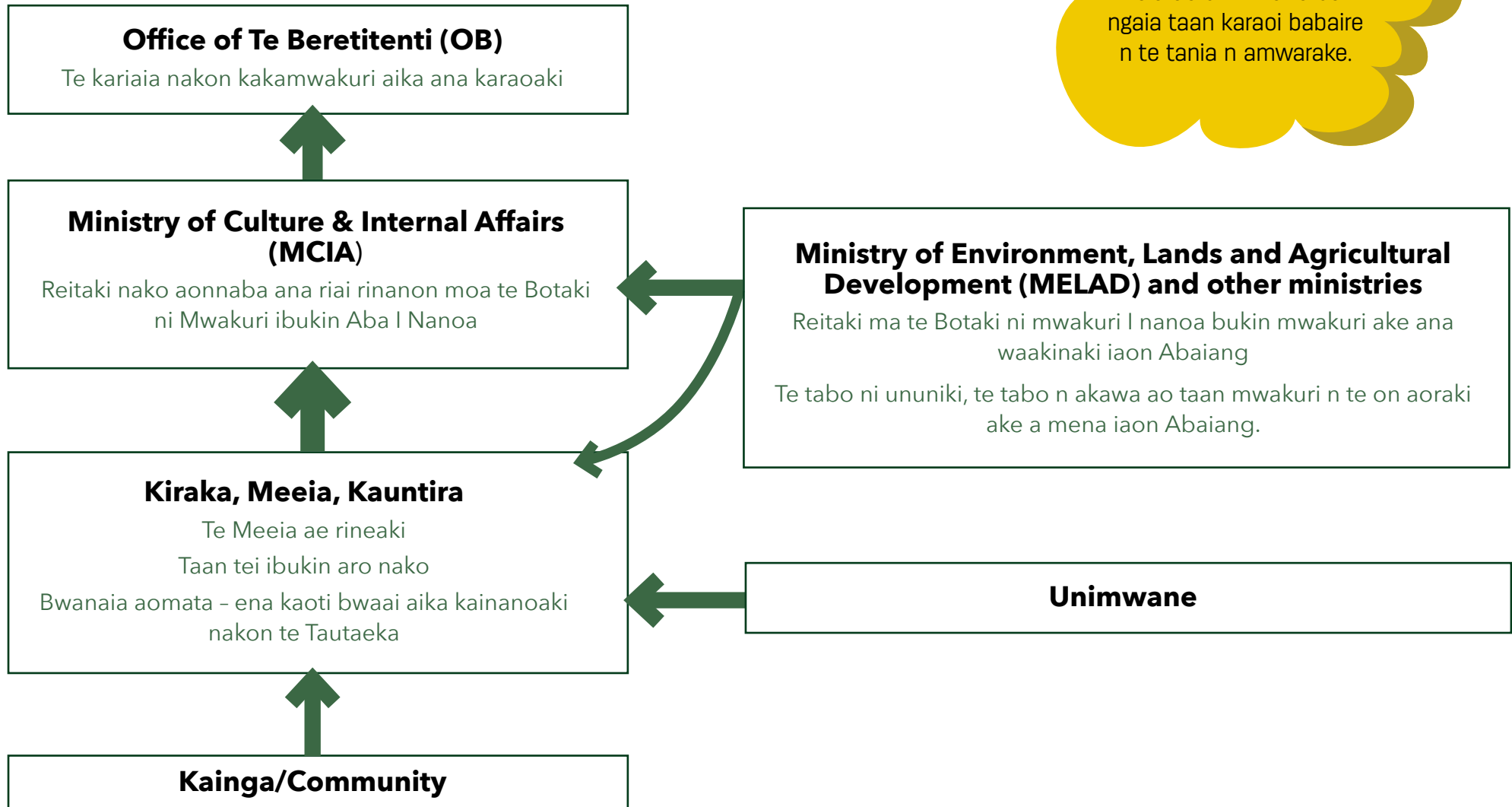


## Mwakuri 2: Bibitaki aika riki inanon boong ake ngkoa

N 1990, bitaki aika bubura a tia n riki n aron are e korakora te iango iaon amwarake mai iabatera, bao ni mamanananga ao aro n reitaki.



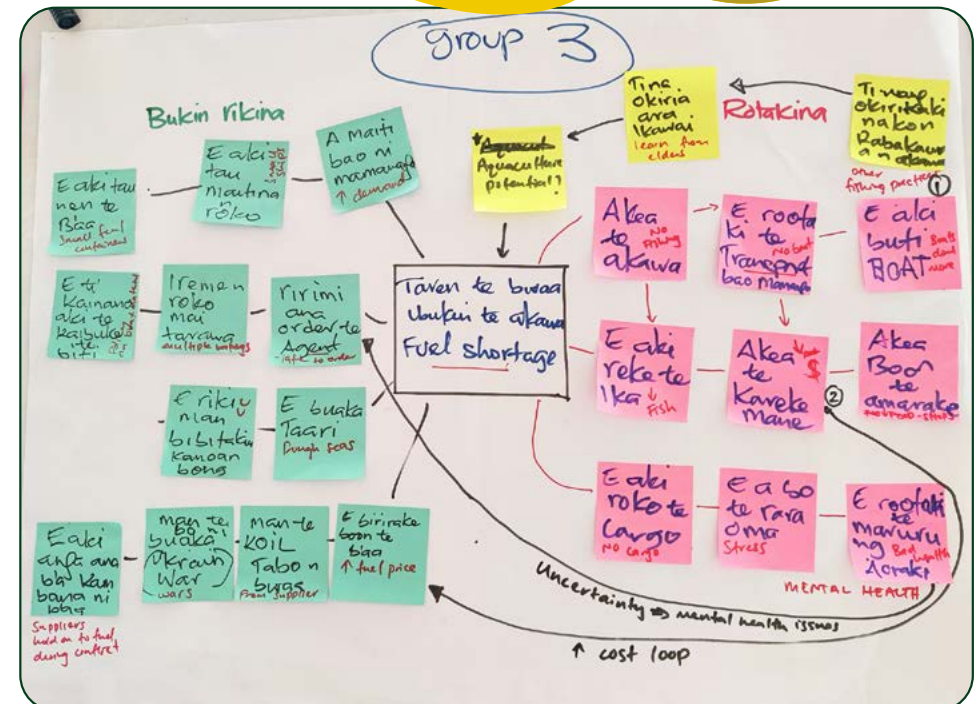
# Mwakuri 3: Aomata ake iai mwakaia ni karaoi babaire



## Mwakuri 4: Causal Loop Analysis



Te Causal Look Analysis e kabonganaaki bwa ena kakai nimaua(5) kanganga aika bubura are ana roota te tania n amwarake, aomata aki nang kani kanaia ni kiribati, akea aia bwai n akawa, e karako te ika n te nama, eaki nang tau tibwatibwan te bwaa ao boon te kantoka. Naake a roko ni ira te reirei a kakai anga ake ana kona ni kaitarai iai kanganga ao antai aika ana kona ni karaoi babaire iaon kanganga aika a riki.

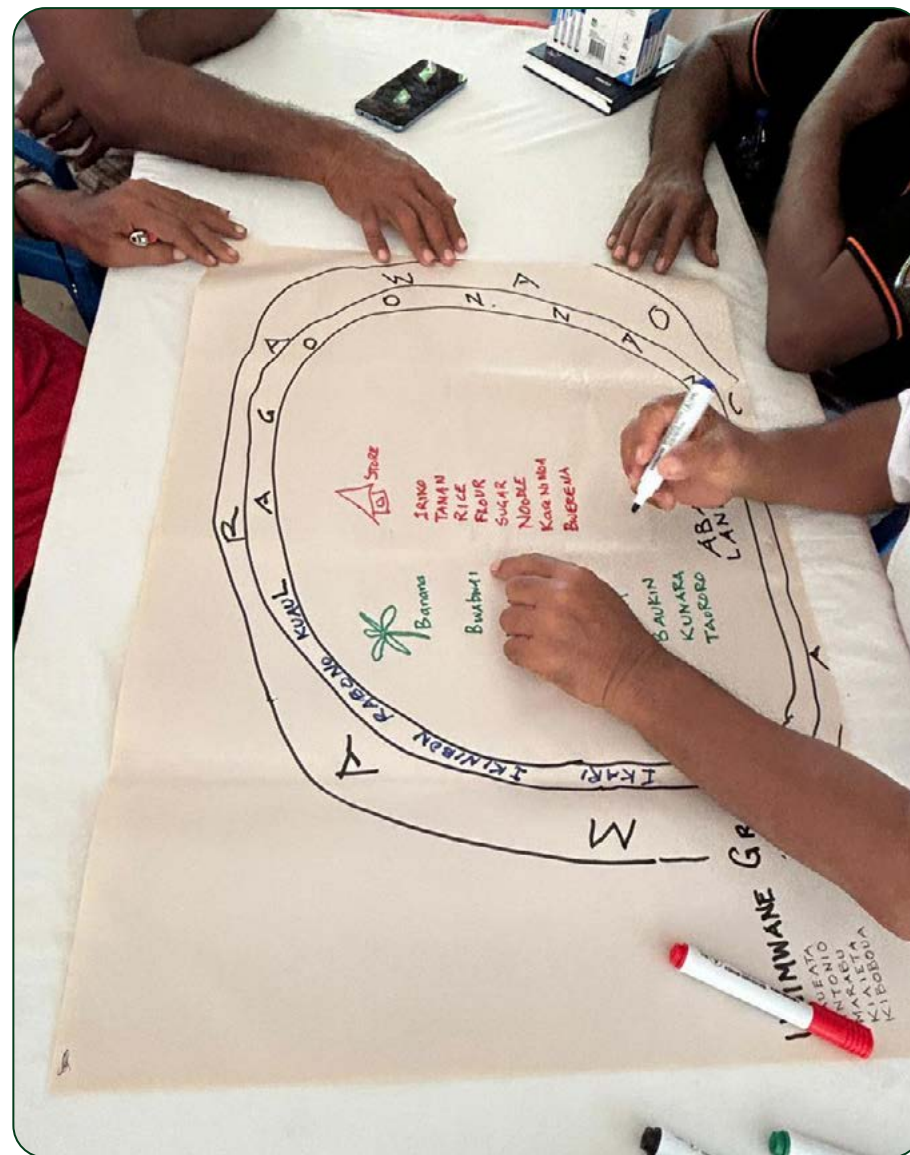


|                                                                                     | <u>Kanganga n te amwarake iaon Abaiang</u>                                  | <u>Kaekan te kanganga</u>                                                                                                                                                           | <u>Antai aika ana riai ni irekereke ma aio?</u>                                                                   |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
|    | <u>Aki kanakin amwaraken abara</u>                                          | <u>Te uaia ni ununiki/tibwatibwan te rabwakau n te akawa</u><br><br><u>reirei iaon tararuan te mwane</u>                                                                            | ALD rep, nursery man, elders with knowledge, Island Council, Ministry for Education, School board rep, local NGOs |
|    | <u>Akea bwaai n akawa</u>                                                   | <u>Bubuti nakon te Kauntira katean te mwakete ibukin bwain akawa</u>                                                                                                                | Island Council                                                                                                    |
|    | <u>E a karako te ika I taari riki ieta</u>                                  | <u>Reirei ao kauring n aekan: 1) Kauarereken kabonganan te karaun, 2) Kauarereken anaakin ika ake a uarereke</u><br><u>Babairean te utu</u><br><u>Karekean te Tua iaon te akawa</u> | MFMRD (Fisheries Division), Island Council, Village community, Health Centre                                      |
|  | <u>Taren te bwaa ibukin te akawa</u>                                        | <u>Reiakinan kateimatoan te akawa n akean te booti</u><br><u>Aquaculture - lango ibukin karekean riki amwarake</u>                                                                  | MFMRD (Fisheries Division), Ministry of commerce, Island Council                                                  |
|  | <u>Ea bobuaka kantokan bwaai ake ana kabonakoaki, ibukin te karekemwane</u> | <u>Katean taabo ni kabonako amwarake</u><br><u>Kabonakoan karaobwai ke amwarake inanoa</u>                                                                                          | Ministry of Commerce, Women's group, Island Council                                                               |

# Mwakuri 5: ADWIM

(Assets-Drivers-Wellbeing-Impact-Model)

Kain te reirei ake a roko a  
kainanoi amwarake ibukin aia  
karekemwane, te maiuraoi, tania  
n amwarake and te katei.



1.



2.



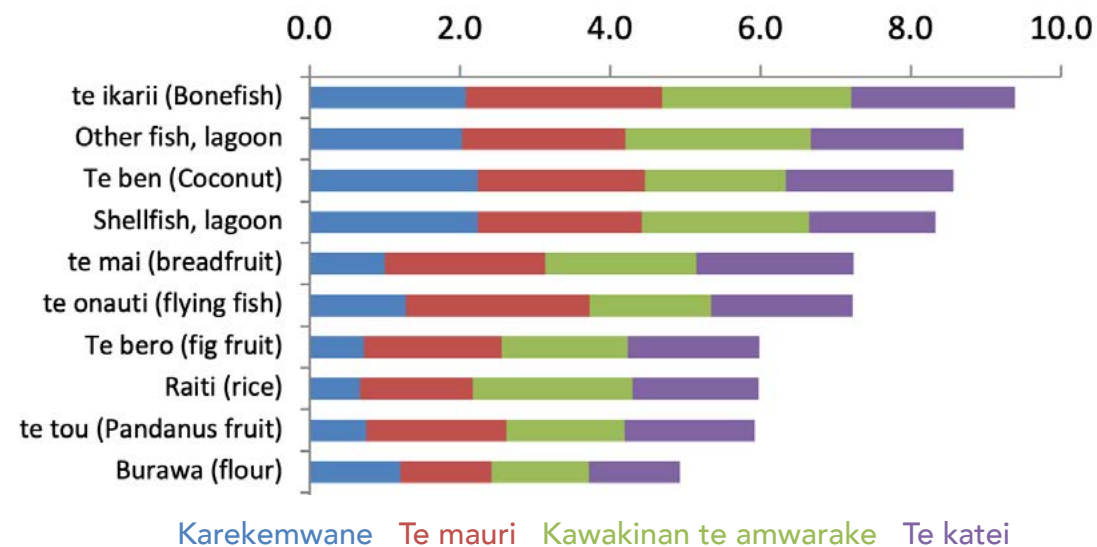
3.



Te ADWIM tool e kaotia bwa mai bukon amwarake aika a kaokoro ake 6, te ikari ao ikan te nama ao te ben a buoka aron te maiuraoi.

## Kakawakin te maiuraoi %

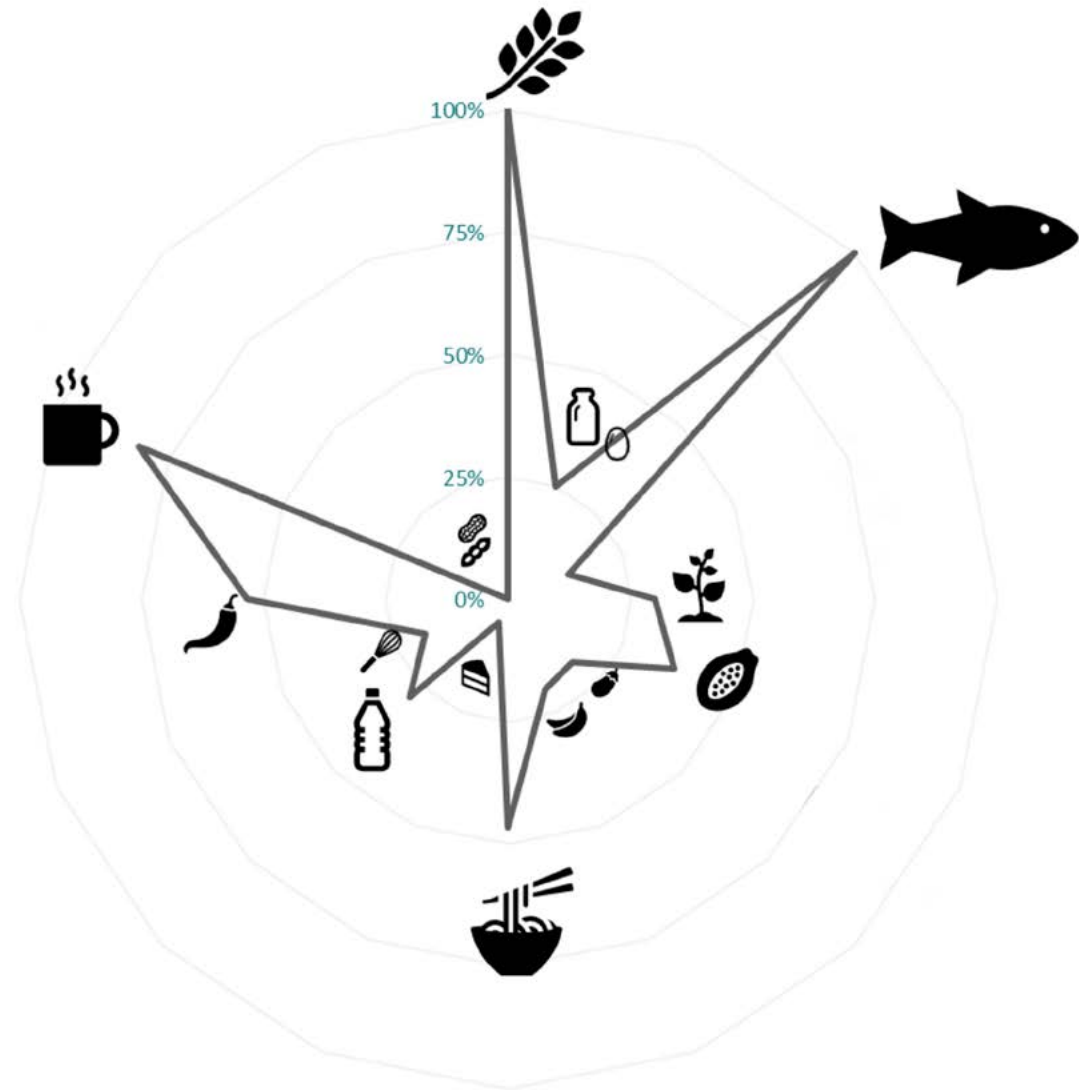
Foods



## Mwakuri 6: Kakaiei iaon Te maiuraoi

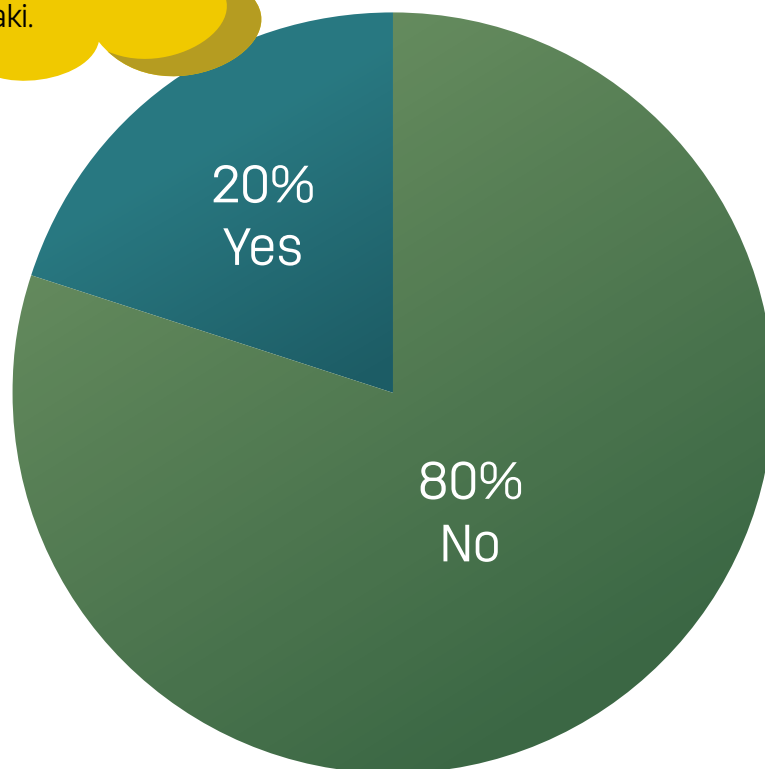
(24-hour diet re-call)

Onongaun te aomata ae karaoaki  
te kakaiei irouia ao terana ae a tia  
ni kanna inanon 24 te hour n nako.  
Te raiti, ao te kariki, te ikari ao te  
tuna a kakani riki. Te nuutoo ea tia ni  
kanaki irouia 50% ao te uanikai ao te  
baanikai 25% ae kanna.



## Nimaua ke raka riki maitin kurubu n amwarake aika kamarurung?

20% mai buakoia aomata  
ae a kang amwarake  
ae riaon nimaua rinanin  
kurubu n amwarake aika  
kamarurung, ao 80% aika  
aki.



# Kawai 2 Tera mwakuri aika karika te bitaki nakon te tania n amwarake?

TE BONG AIO

2030

2050

## Kawai 1

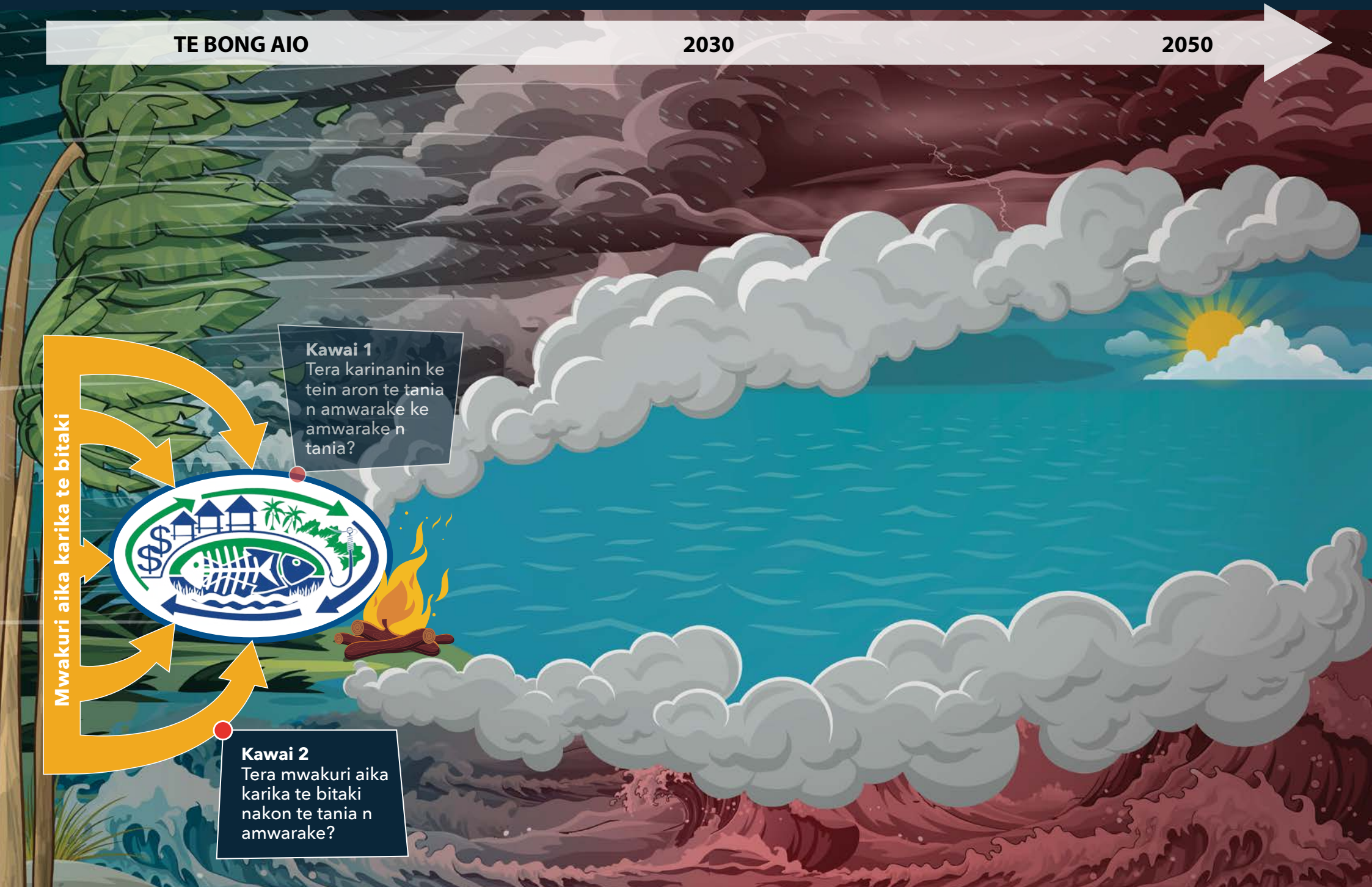
Tera karinanin ke tein aron te tania n amwarake ke amwarake n tania?

Mwakuri aika karika te bitaki



## Kawai 2

Tera mwakuri aika karika te bitaki nakon te tania n amwarake?

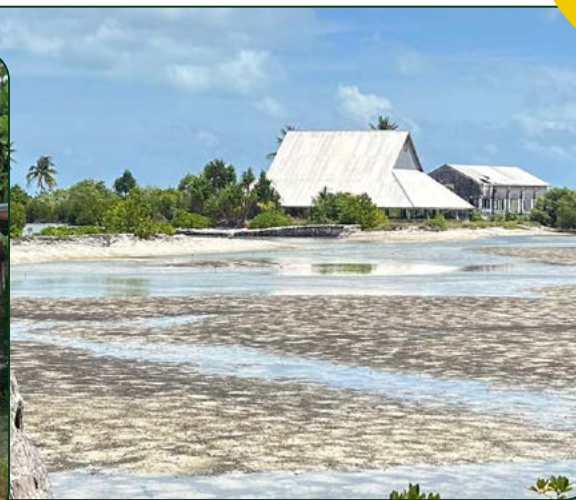


# Mwakuri 7: Bitaki iaon te tania n amwarake

## Te mwakuri aio ena karaoaki bwa ena:

- Koreaki te tamnei iaon Kawai 1 ao rongorongo riki tabeua ba e konaki n ataaki bitaki iaon Abaiang iaon te tania n amwarake
- langoia ba tera bitaki aika a rangi ni bongana

Bitaki a nako man bwaai aika riki iaon te aba ke aia makuri aomata aika karika oin raoi te kanganga ke kanganga aika kauoua rinan ae a bita tein te tania n amwarake.



## Bibitakin kanoan boong



Keraaken iabutin taari e karika te kanaki i mataniwin te aba ao te tarika n te mwanibwa. E katautauaki ba 2050 ena raka riki iabutin taari are ena konaa roko iaon te aba.

Te ang ao tari a rikirake ao te angibuaka ao te mwautakataka ana korakora riki.



## Mwaitiia aomata



Te botanaomata e rikirake iaon Abaiang nakon te mwaiti ae raka iaon 6,000 aomata. Man karakon te aba ae kabonganaki man ana urubai rietatan taari, e waekoa n rikirake naba mwaitia aomata aika a maeka n te tabo teuana ae aki nang tau.



# Amwarake aika a rangi rotaki n 2050

The ADWIM tool e kaoti amwarake aika ana rangi rotaki man bibitakin kanoan boong ao mwaitin rikiraken te botanaomata. Amwarake aika bongana ma a kai rotaki riki n 2050 n aron aikai:

Te okaoka    Te bwawe  
Te bakoa    Te bwaukin

| Food item (land)<br>Aon te aba                                                                                  | Wellbeing importance                                                                        | Key risks                                                                             | Food item (marine)<br>Aontoora & Marawa                                                                                                            | Wellbeing importance                                                                    | Key risks                                                                             |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  beki (pig)                   | karekemwane / income<br>te maori health<br>kawakinan te food security<br>te katei / culture |    |  Other lagoon fish<br>(e.g. te okaoka / orange striped emperor) | karekemwane income<br>te maori health<br>kawakinan te food security<br>te katei culture |    |
|  mwanai (land crab)           |                                                                                             |    |  forereef fish<br>(e.g. te bwawe / yellow snapper)              |                                                                                         |    |
|  te moa (chicken)             |                                                                                             |    |  te tabena (crab, lagoon)                                       |                                                                                         |    |
|  te bwaukin (pumpkin)        |                                                                                             |   |  te bakoa (dog shark)                                         |                                                                                         |  |
|  kabiti (lettuce, pak choy) |                                                                                             |  |  te on (green turtle)                                         |                                                                                         |  |

# Amwarake aika aki nang rootaki n 2050

Te ADWIM tool e kaoti naba amwarake aika kakawaki are a uarereke rotakia. Aika ake ana katauraoi anga ni ibuobuoki riki nakon:

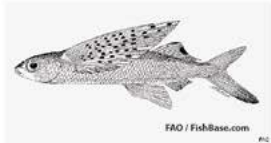
Te ikarii    Te onauti

Te ati    Te ben

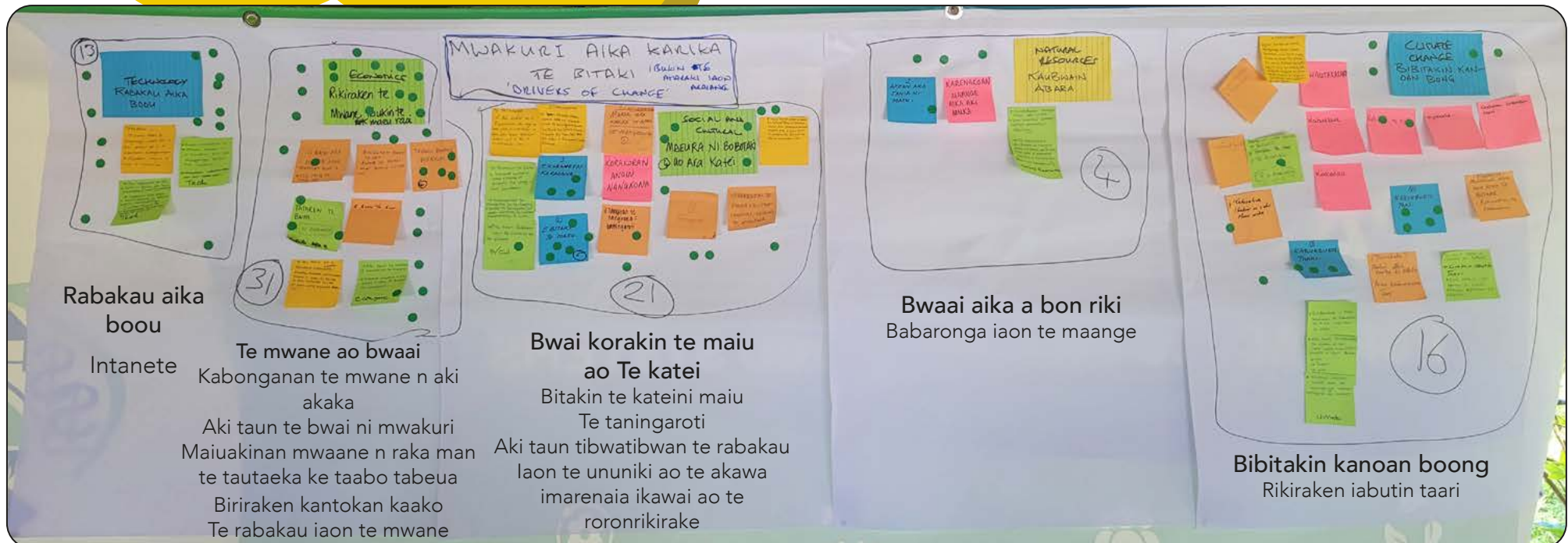
Te mai    Te bun

Te bwabwai    Te kumwara

Sweet potato    Te tou

| Food item (land)<br>Aon te aba                                                      | Wellbeing importance                                                                    | Key risk                                                                              | Why least impacted?                                                                   | Food item (marine)<br>Aontoora & Marawa                                               | Wellbeing importance                                                                    | Key risks                                                                                                                                                                      | Why least impacted?                                                                   |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|    | karekemwane income<br>te mauri health<br>kawakinan te food security<br>te katei culture |    |    |    | karekemwane income<br>te mauri health<br>kawakinan te food security<br>te katei culture | <br>     |    |
|    |                                                                                         |    |    |    |                                                                                         |                                                                                                                                                                                |    |
|   |                                                                                         |    |   |   |                                                                                         | <br>    |    |
|  |                                                                                         |  |  |  |                                                                                         | <br> |  |
|  |                                                                                         |  |  |  |                                                                                         | <br> |  |

Kabonganakin rongorongo aikai, ao rabakauia, aomata ake ira te anga reirei a kona ni katebenakoa te mwane ao bwaai, bwai korakin te maiu aio ao te katei, bibitakin kanoan boong, babaronga iaon bwaai aika a bon riki (aon te aba ao taari) ao rabakau aika boou. Kabongan te mwane n aki akaka, aki taun bwaai ni mwakuri, maiuakinan mwaane n raka/ buoka, kantokan kaako, te rabakau iaon te mwane, bitakin te katei ni maiu, te taningaroti, aki taun tibwatibwan te rabakau iaon te ununiki ao te akawa imarenaia ikawai ao te roronrikirake, ao rikirken iabutin taari a bon rangi ni bongana.



# Kawai 3 Tera kakawakin te tania n amwarake ibukin taai aika ana roko?

TE BONG AIO

2030

2050

**Kawai 1**  
Tera karinanin ke tein aron te tania n amwarake ke amwarake n tania?

**Kawai 2**  
Tera mwakuri aika karika te bitaki nakon te tania n amwarake?

**Kawai 3**  
Tera kakawakin te tania n amwarake ibukin taai aika ana roko?

Korakora te urubwai katautau

Korakora tau te urubwai n te katautau

Uareke te urubwai katautau

Korakora tau te urubwai n te katautau

Korakora te urubwai katautau

Mwakuri aika karika te bitaki



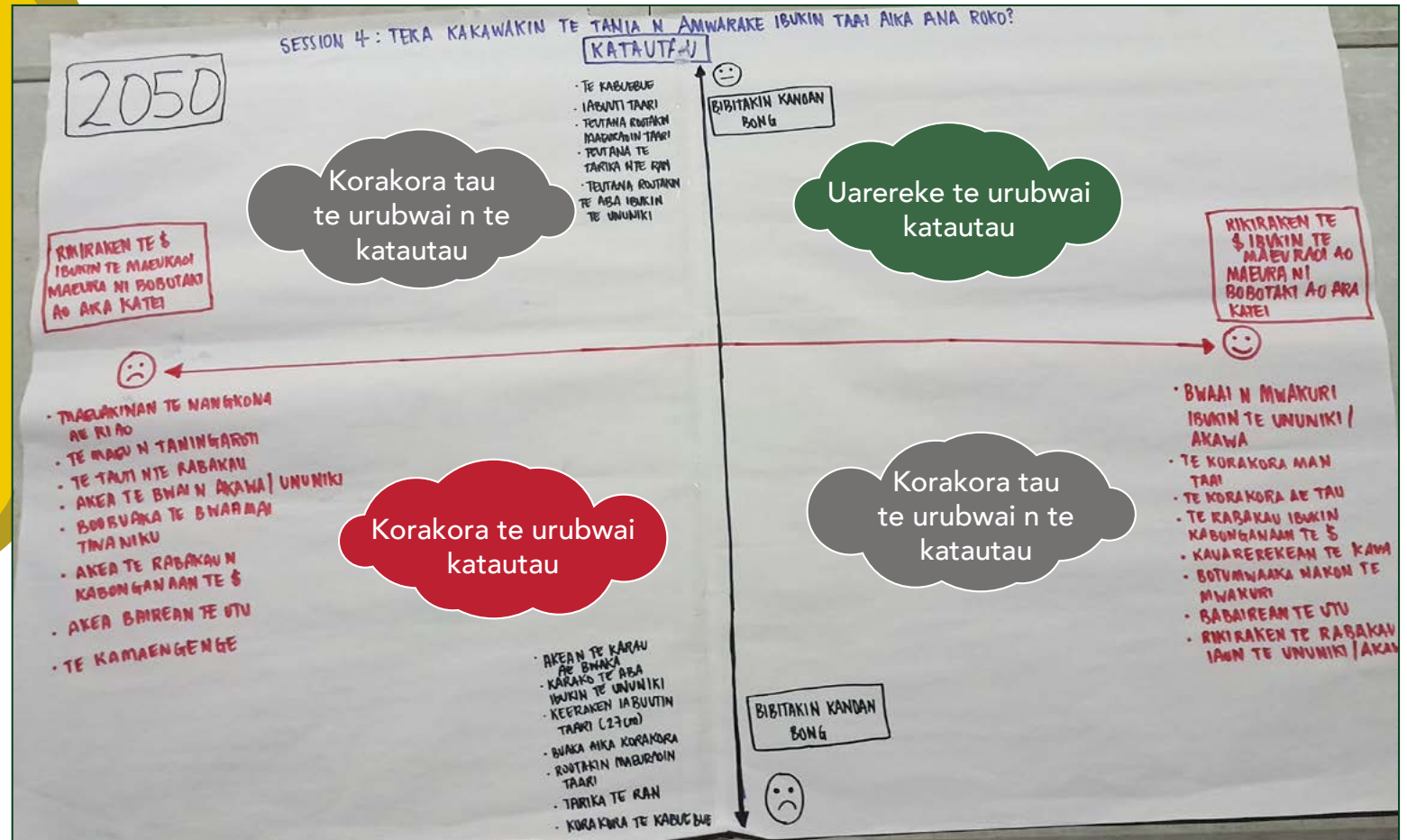
## Mwakuri 8: Bwaai aika ana riki n taai aika imwaira

### Te mwakuri aio e karaoaki bwa ena:

- langoi bwai aika ana riki n taai aika ana roko ao bwai aika a riki man kakawakin mwakuri aika a oti n Kawai 2



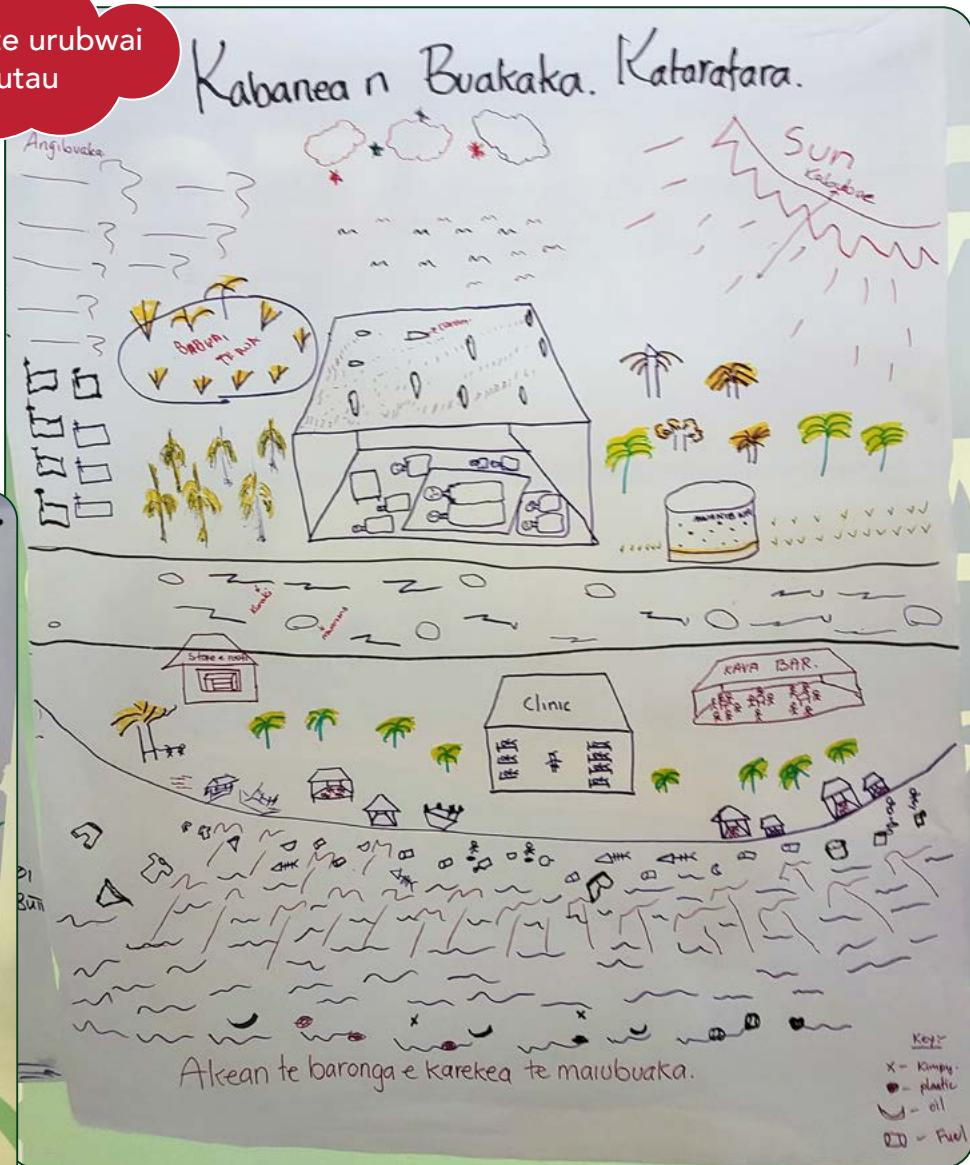
Taan kaira te reirei a anaa te rikirake, reitaki, katei ao mwakurian bibitakin kanoan boong man Step 2 ao a kariki bwaa i aika ana riki n taai aika ana roko. Kanganga ake a riki mai inano e raoiroi n te rikirake, te reitaki ma aomata ao e uarereke korakoran bibitakin kanoan boong. Kanganga ake a mena ieta aki raoiroi ibukin te rikirake, te reitaki, ao korakora bibitakin kanoan boong.



Nake a roko ni kaea te reirei  
a korei tamnein tania n  
amwarake ma rongorongoia  
aika a kakaokoro ibukin  
2050.

Korakora te urubwai  
katautau

Uarereke te urubwai  
katautau



# Kawai 4 Tera kataratara ibukin te tania n amwarake ibukin taai aika ana roko?

TE BONG AIO

2030

2050



**Kawai 1**  
Tera karinanin ke tein aron te tania n amwarake ke amwarake n tania?

**Kawai 2**  
Tera mwakuri aika karika te bitaki nakon te tania n amwarake?

**Kawai 3**  
Tera kakawakin te tania n amwarake ibukin taai aika ana roko?

**Kawai 4**  
Tera kataratara ibukin te tania n amwarake ibukin taai aika ana roko?

Korakora te urubwai katautau

Korakora tau te urubwai n te katautau

Uarereke te urubwai katautau

Korakora tau te urubwai n te katautau

Korakora te urubwai katautau

**KATARATARA**

## Mwakuri 9: Te kataratara iaon te tania n amwarake

### Te mwakuri aio e karaoaki bwa ena:

- Karekea te kataratara ae kainanoaki ibukin te tania n amwarake
- E anga te maiuraoi ibukin te roro ae ena roko



Rimwi riki ao te tia  
korotamnei ae Ribabaiti  
Manikaa e booti te  
nan kataratara inanon  
teuana te tamnei.



# Kawai 5 Tera anga ni kaitarai kanganga aika ana kona riki?

TE BONG AIO

2030

2050

**Kawai 1**  
Tera karinanin ke tein aron te tania n amwarake ke amwarake n tania?

**Kawai 5**  
Tera anga ni kaitarai kanganga aika ana kona riki?

Angaa ibukin katokakin taian kanganga

**Kawai 2**  
Tera mwakuri aika karika te bitaki nakon te tania n amwarake?

**Kawai 3**  
Tera kakawakin te tania n amwarake ibukin taai aika ana roko?

**Kawai 4**  
Tera kataratara ibukin te tania n amwarake ibukin taai aika ana roko?

Korakora te urubwai katautau

Korakora tau te urubwai n te katautau

Uarereke te urubwai katautau

Korakora tau te urubwai n te katautau

Korakora te urubwai katautau

KATARATARA

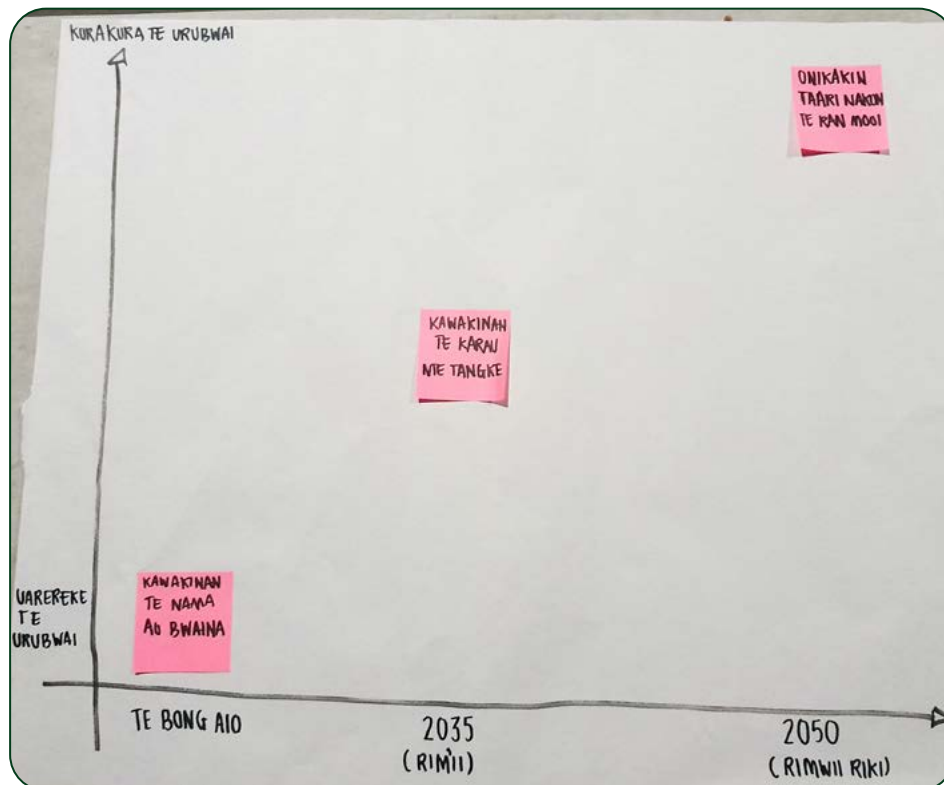
Mwakuri aika karika te bitaki



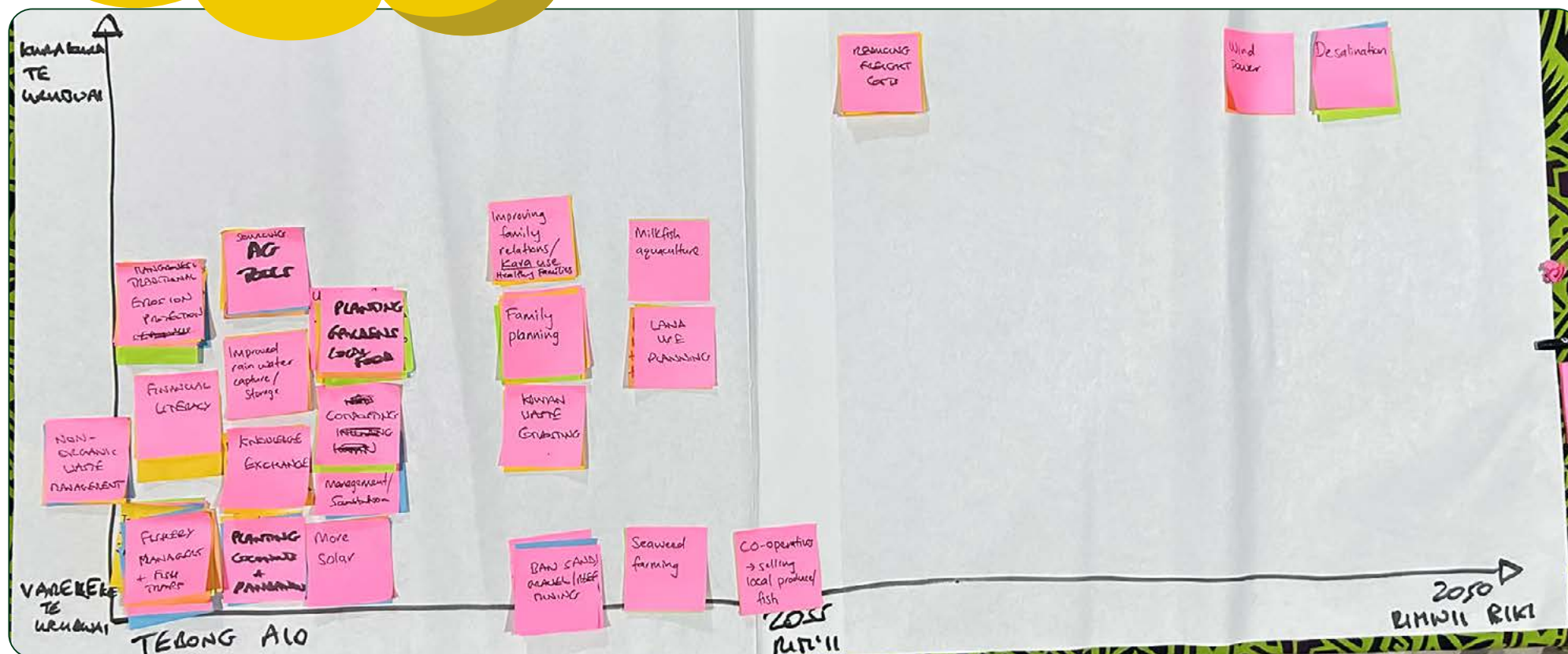
# Te mwakuri ae ena karaoaki 10: Totokoan kanganga ao urubwai

## Te mwakuri aio ena karaoaki bwa ena:

- Karinii bwaai ake a tia n reiakinaki man Kawai 1,2, ao 3 ni kakaei totokoan kanganga aika ana konaa ni katekei takete ao ni koro nanon te kataratara, ao tain mwakuriakia
- Katebenakoi ke moanibwaia totokoan kanganga aika 'akea te uringaba' (uarereke te urubwai ao e konaa ni bitaki) aika konaa kaitarai bwaai aika ana kona riki nakon taai aika ana roko



Aomata ake ira te anga reirei ana korei bwaai/rinanin nako kanganga iaon te bwain korakin te maiu, te ununiki, rabakau iaon te mwane, mwakete, korakora man taai ao bao ni mamananga, te akawa ao te ununiki n te ran, te maange, te ran ao kainakotaari. Ma ana riai ni koreaki ake 'akea te uringaba' ao ni konaa n ataaki ke kaotaki ni bong aikai.



# Kawai 6 Tera mwakuri ke katauraoui ni kaitarai kanganga ibukin te tania n amwarake

TE BONG AIO

2030

2050

Mwakuri aika karika te bitaki

**Kawai 1**  
Tera karinanin ke tein aron te tania n amwarake ke amwarake n tania?

**Kawai 5**  
Tera anga ni kaitarai kanganga aika ana kona riki?

**Kawai 6**  
Tera mwakuri ke katauraoui ni kaitarai kanganga ibukin te tania n amwarake?

**Kawai 4**  
Tera kataratara ibukin te tania n amwarake ibukin taai aika ana roko?

**Kawai 2**  
Tera mwakuri aika karika te bitaki nakon te tania n amwarake?

**Kawai 3**  
Tera kakawakin te tania n amwarake ibukin taai aika ana roko?

Korakora te urubwai katautau

Korakora tau te urubwai n te katautau

Uarereke te urubwai katautau

Korakora tau te urubwai n te katautau

Korakora te urubwai katautau

KATARATARA

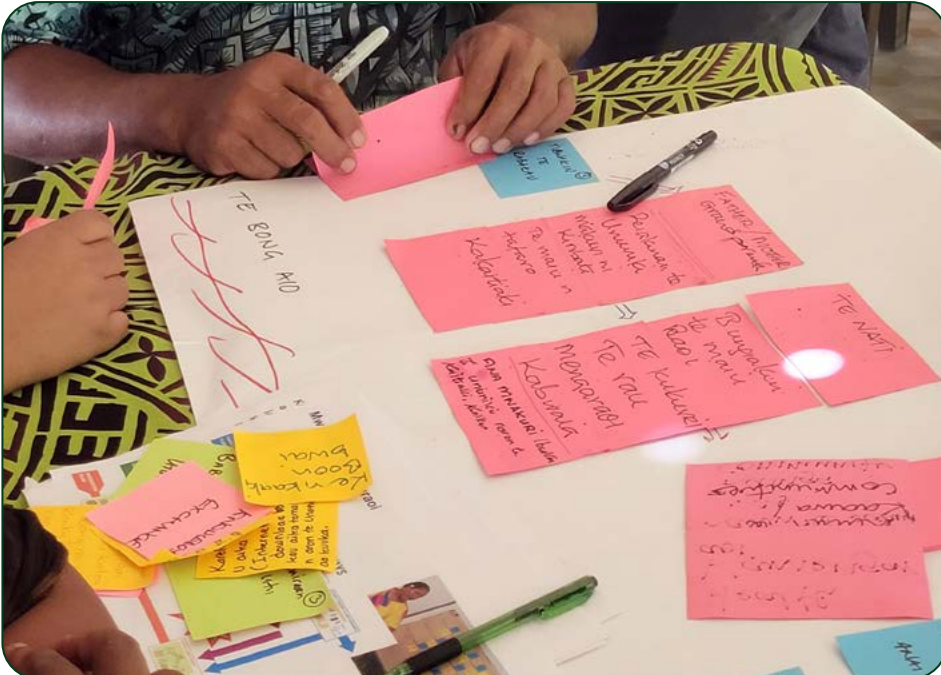
Tenan kawai ibukin katokakin taian kanganga n irekereke ma te tania n amwarake



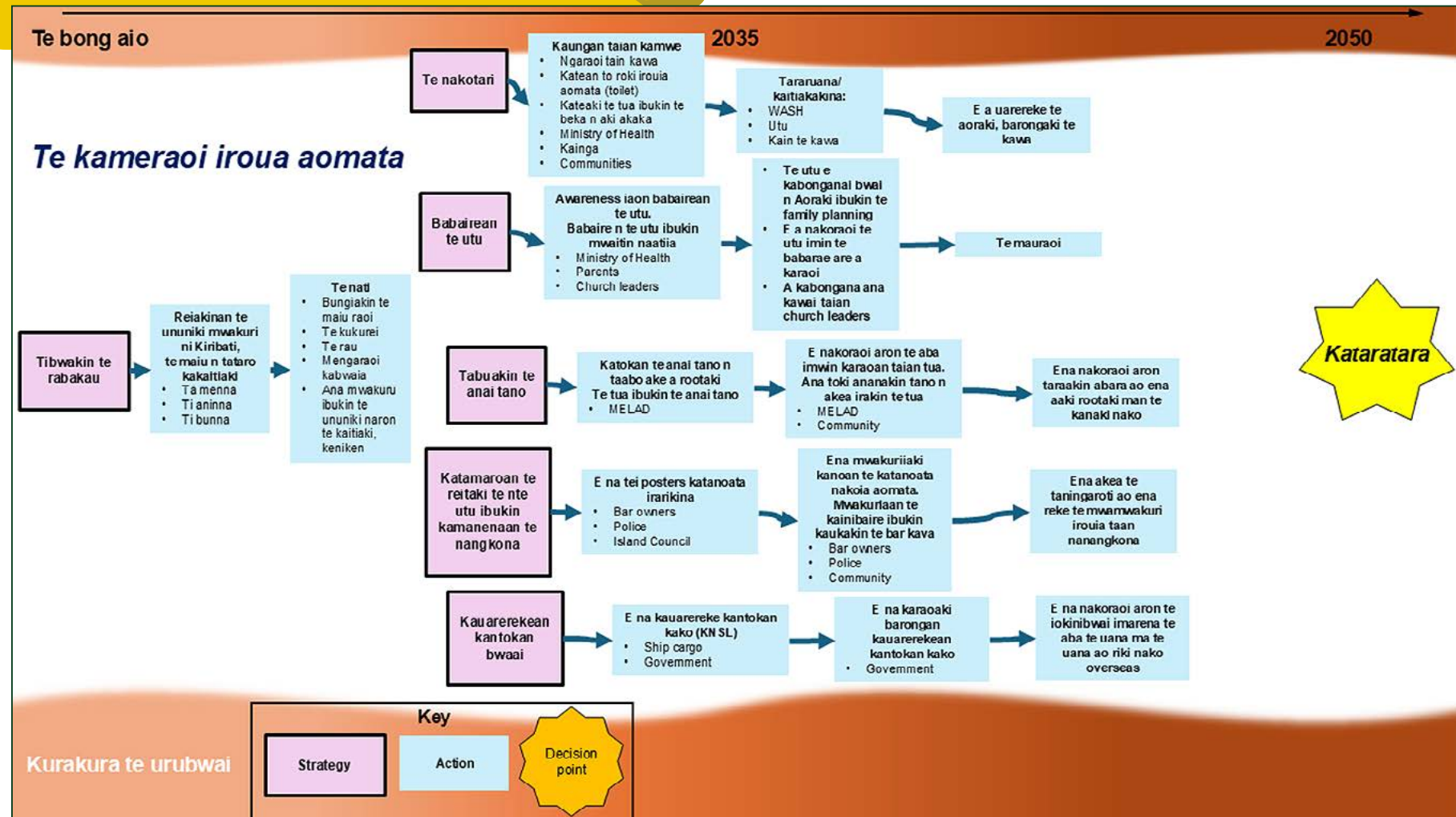
## Te mwakuri ae ena karaoaki 11: Kawai ibukinmwakuri ni kakatauraoi

### Korei kawai ni kakatauraoi:

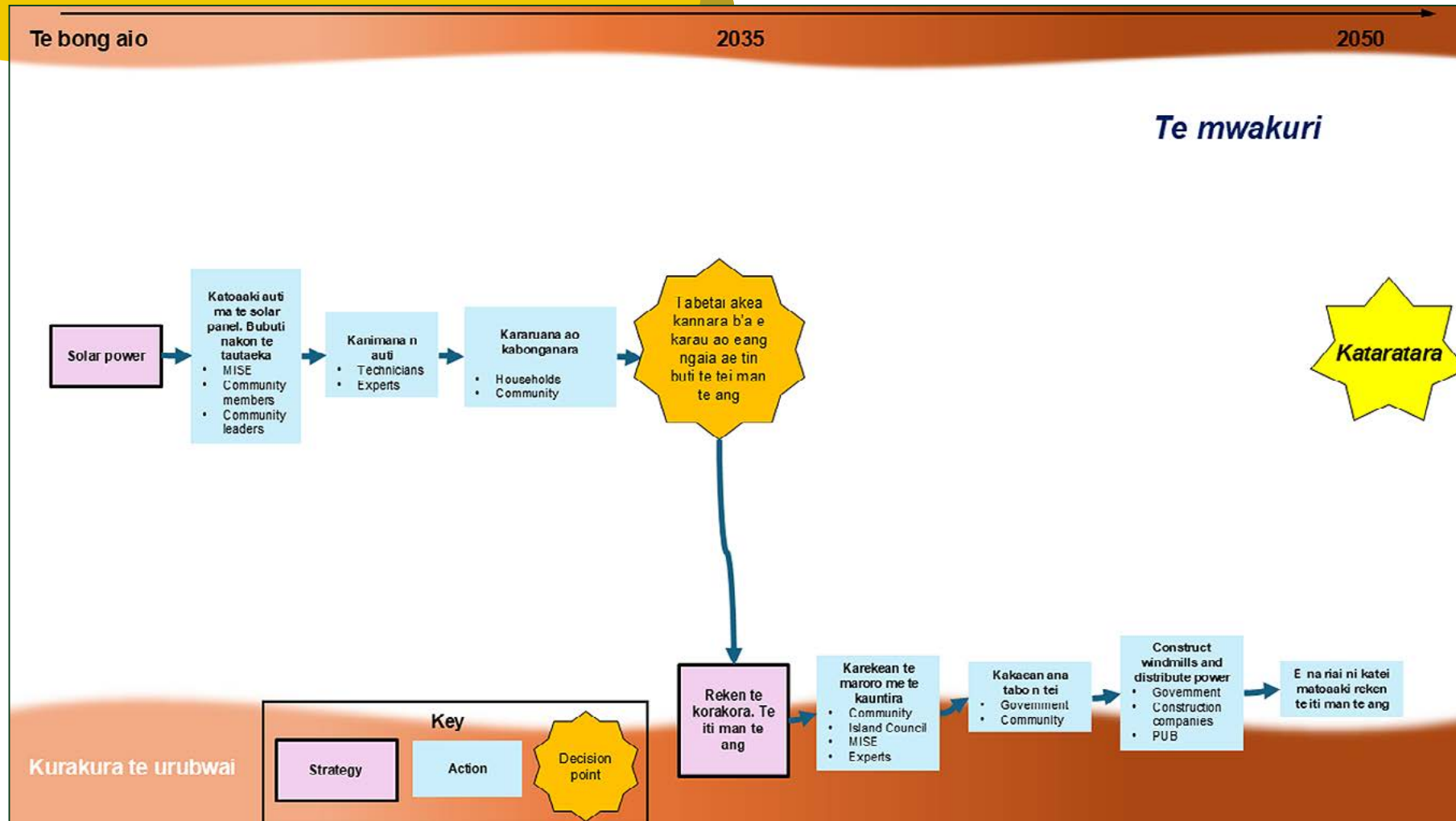
- Kakaei mwakuri aika ana karaoaki ao iango aika ana riai ni karaoaki nanoia ibukin wakanan tenan kawai n totoko iaon kanganga
- Man Kawai 1, kakaeia aomata aika ana kona ni buoka aron wakanan/kabutan tenan mwakuri aika ana karaoaki



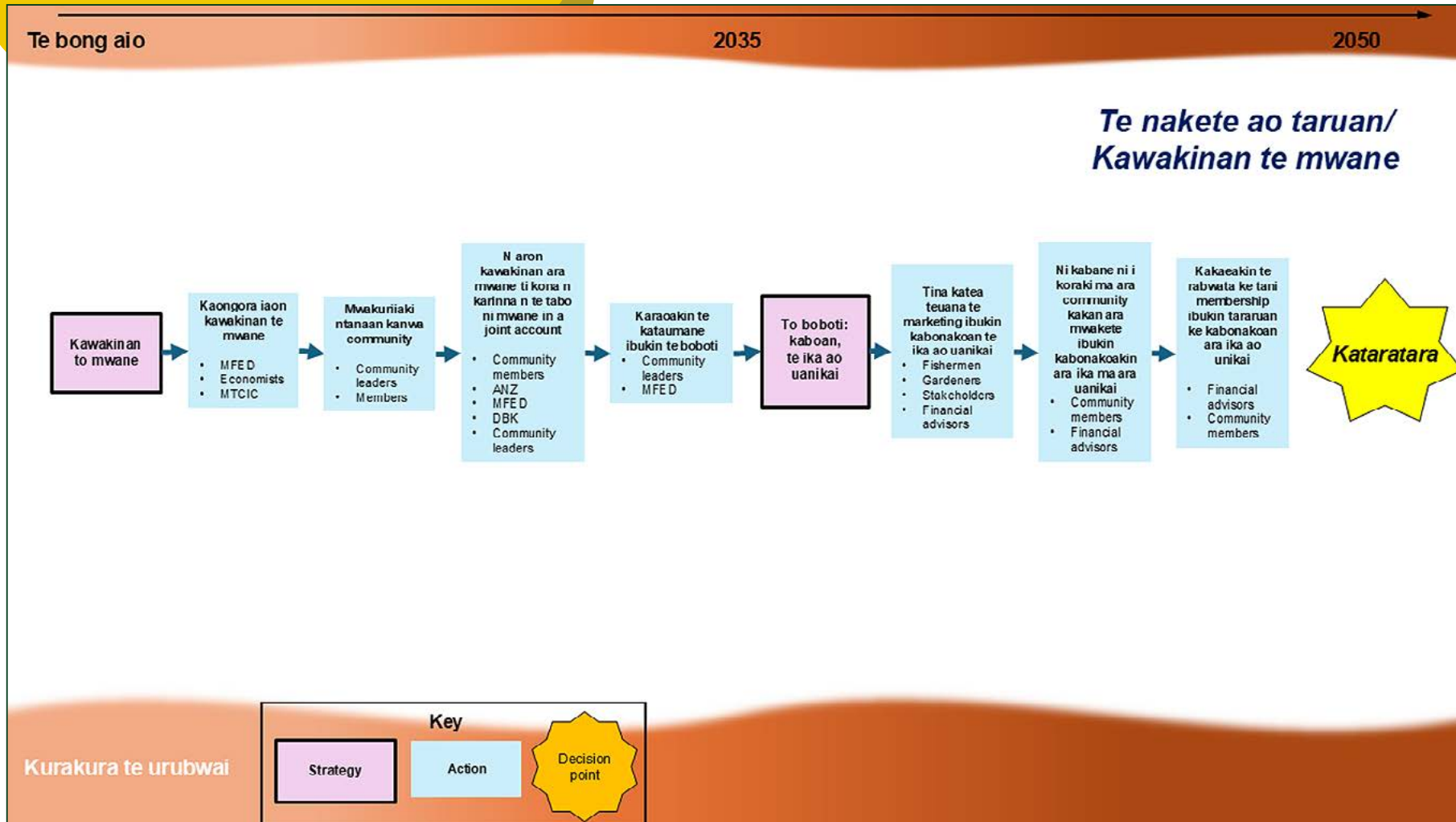
Alkai totokoan kanganga ake akea te uringaba iai ibukin baikorakin te maiu, tibwatibwakin te rabakau, babairean te utu, tabuakan anakin te tano, babairean te mooii nangkona, ao kauarerekean kantokan bwaai. Nakotaarii man irovia aomata ao te roki e rangi ni kanganga arona ibukina bwa e taburoroko n te katei.



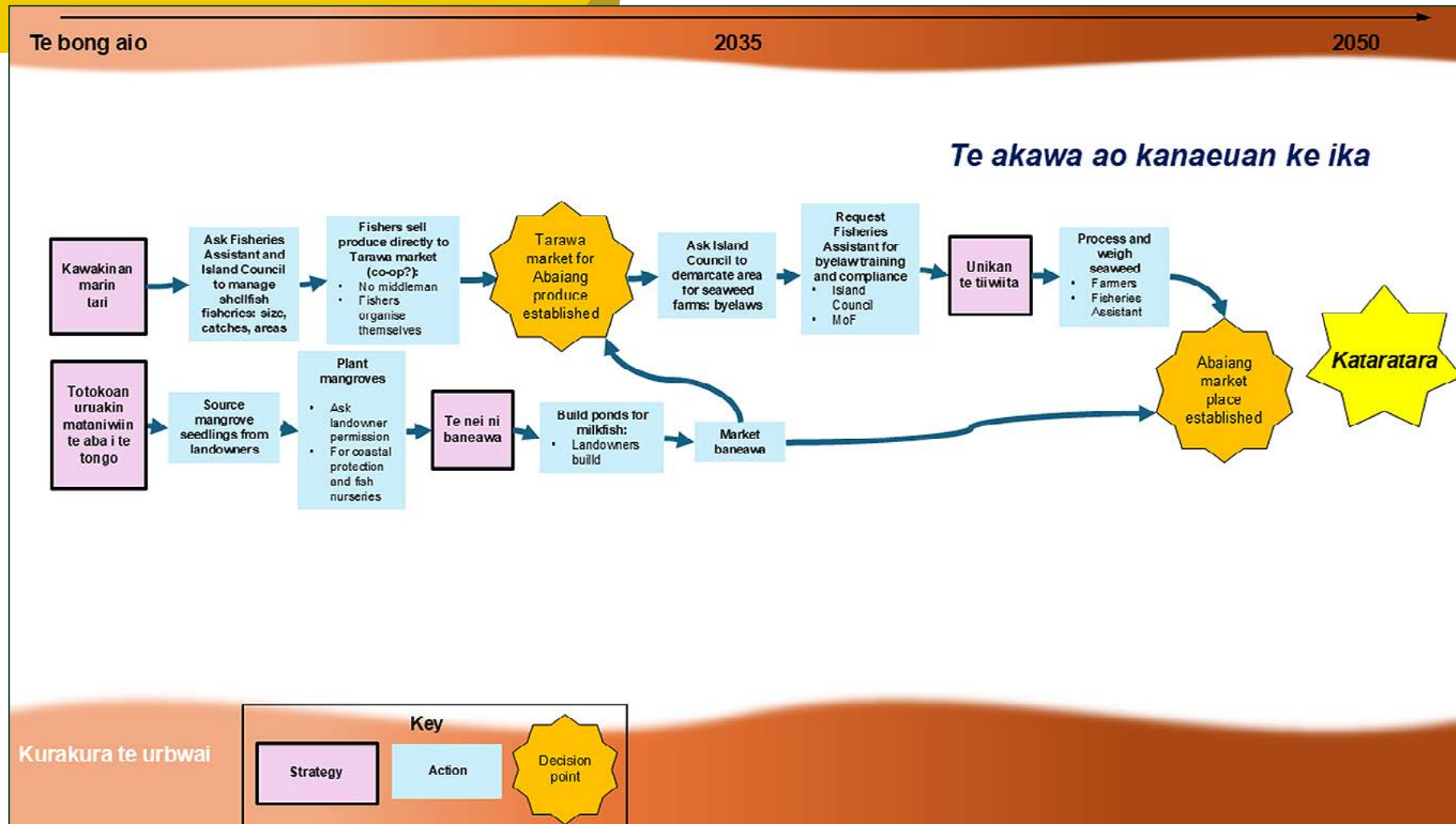
Totokoan kanganga ibukin te ununiki e waakinaki moa man bwaai ni mwakuri ibukin te ununiki. Aio e bon rangi ni kanganga arona bwa e kainanoa te mwane ni buoka, ngkana arona ba ana karekeaki, aroka ake a kona ni kaitarai bibitakin kanoan boong a kona unikaki ao n maiureirei. Te kamkamka e konaa nako imwiina, ao imwiina riki te mwakete iaon Abaiang ao Tarawa.



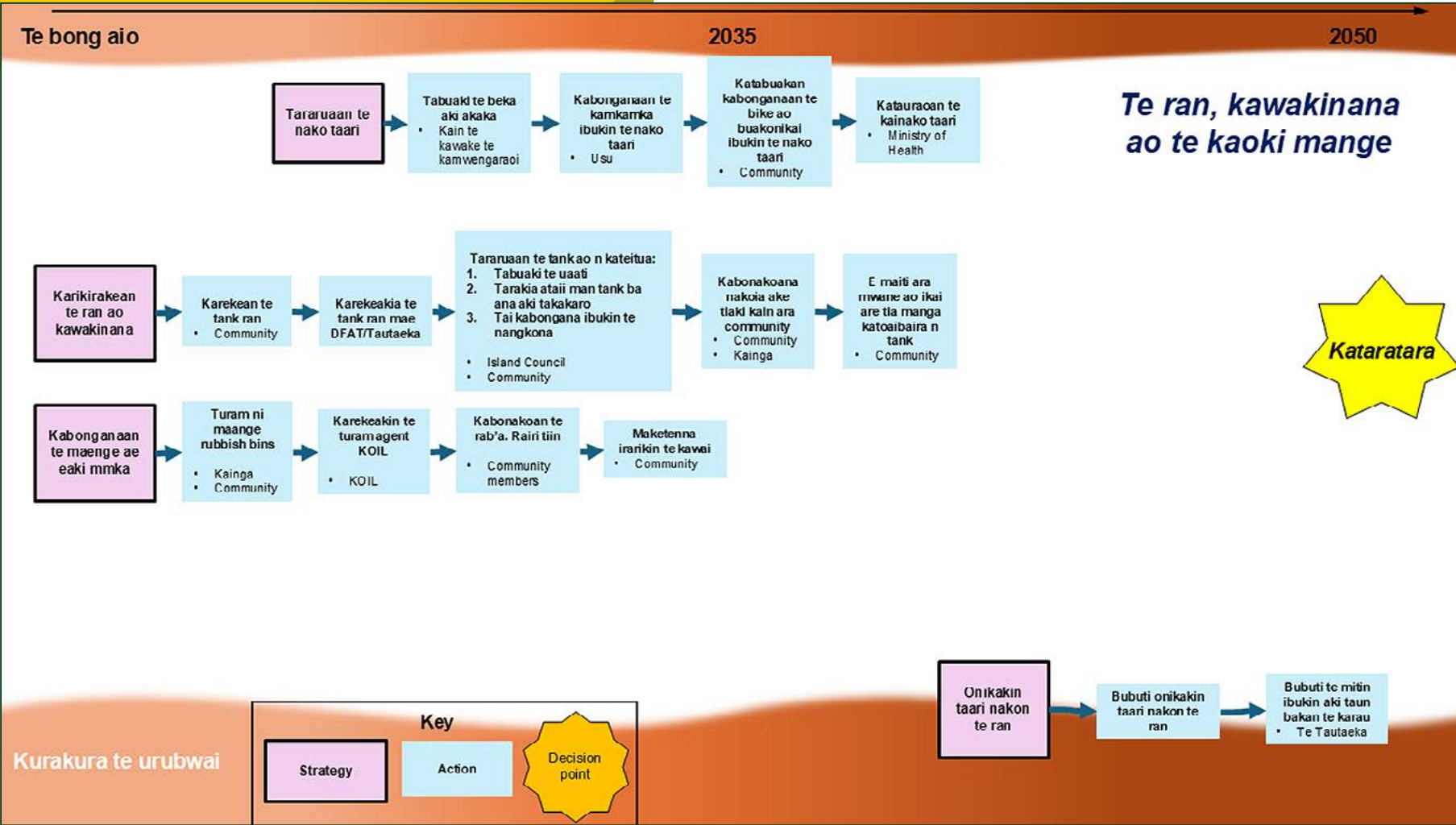
Totokoan kanganga ibukin te korakora man taai e waakinaki moa man tenan taura aika ana maiu man taai. Ma ngkana e uananghang karawa, ao te korakora man te ang e riai ni karaoaki, ma aio e bon rangi ni kanganga aron karaoana.



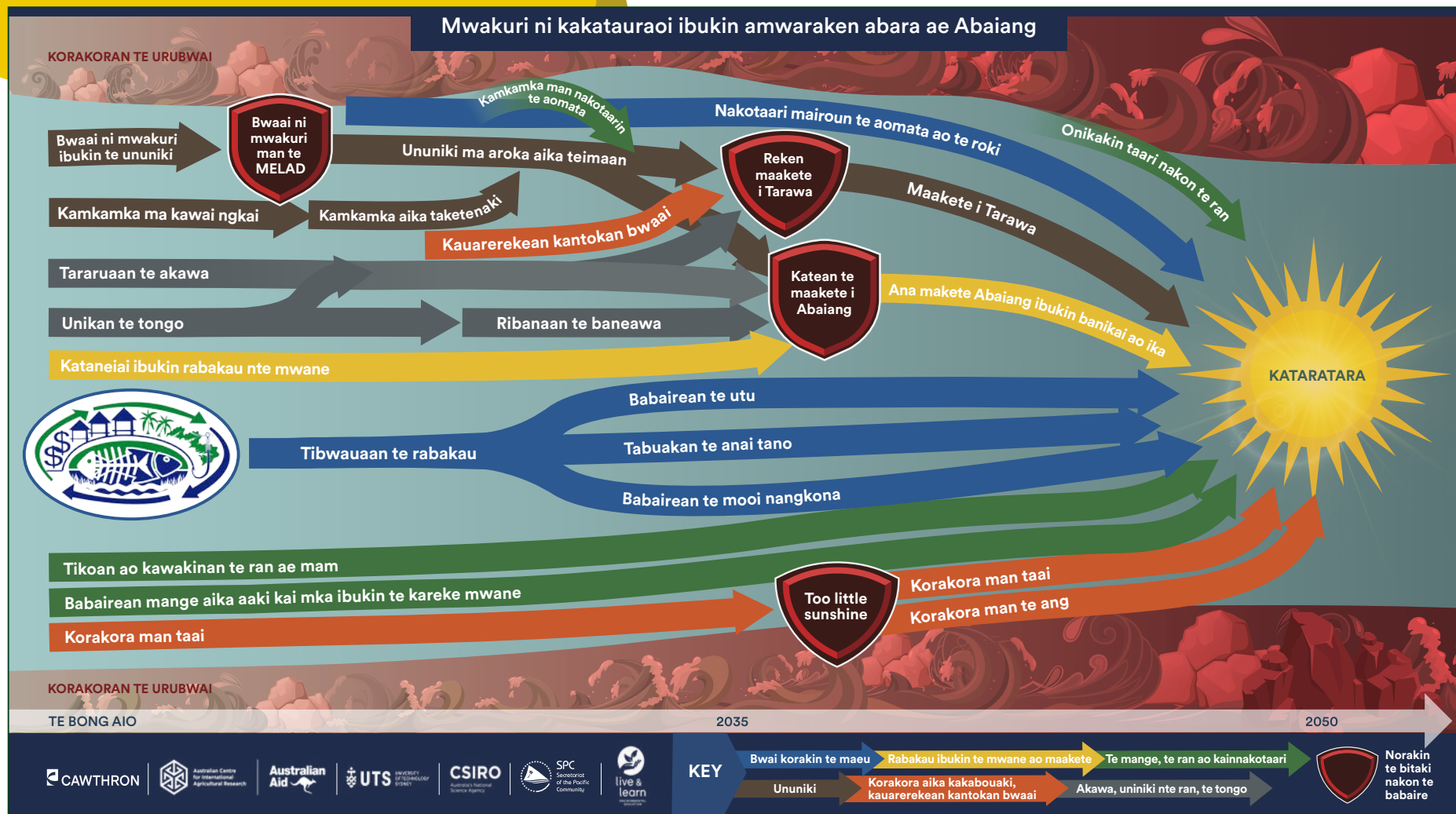
Te kawai ibukin te rabakau iaon te mwane e waaki moa man te kataneia i ibukin rabakau n te mwane. Aio are ena konaa n tei te mwakete ibukin uaanikai, baanikai, bukinikai, ao ai te mwakete ibukin te ika.



Te kawai iaon te maange, te ran ao te kainakotaari e wankinaki moa man karekean te karau ni kabonganaki te kawaawa ao nnen te karau. Te roki are e konaa ni boutokaa karekean te kamkamka man nakotaria aomata, onekakin taari nakon te ran e rangi ni kakawaki, ma e bon rangi kanganga arona.



Kawai ake onoua maitina a ikotaki nakon ti teuana te tamnei ae oti inano. lango ni karaoan mwakuri, ena tibwatibwaki bwaai ni mwakuri ibukin te ununiki mai iroun te MELAD, te konaa ni mwakete nako Tarawa, ao katean te mwakete iaon Abaiang.



# Mwakurian tenan kawai

Inanon July 2024 nakon Maati 2026 e wakinaki iai te karikirake aio iaon karaoakin kawai iaon tania n amwarake. Te tiim n te karikirake a tia n reitaki ma ana tiim te tautaeka, aomata ake a kona n anga te mwane ni buoka ao bon rabwata ni mwakuri aika inaomata iaon Tarawa ibukin aia karinrin ni iango, taeka reirei ao bon aia boutoka.



## Aomata ake anga nanoia ba ana kona tei ibukin te community (Knowledge brokers)

Aomata ake a roko ira te anga reirei a titirakinaki ba antai mai buakoia ae ena konaa n anga nanona ni kairaa tenan kawai. Onoman 'knowledge brokers' mai buakoia community ake anga nanoia ba ana konaa ni kakaei aomata aika ana kona ni buoka aron butin te karikirake ao karekei rongorongoa aika kakaokor ba ana konaa barongai kanoan karikirake aika uarereke, ao ni konaa ni buoka reken mwaane ni buoka. A reitaki ni mwakuri ma te Kauntira iaon Abaiang, ao e reke naba aia tai ni kaitibo ao ni maroro ma taan makuri n te tautaeka iaon Kiribati ao bon aomata ake a kona reke mwaane ni buoka irouia. Knowledge broker a bon tia n reiakinaki aron kanoaakin te booma iaon karekean mwaane ni buoka, babaronga ao aron wakinan karikirake ake a katannakoaki nako iai.





## Uamari Knowledge Brokers

**Project 1:** Kateimatoaan ao Boutokaan  
Marurungin te Utu (Family wellbeing)  
**Project 2:** Te bao ni mamanananga  
(Transport)



**Kaeiei Benetito**

**Project 1:** Te Tania n Amwarake mai  
Taari (Resilient seafood systems)  
**Project 2:** Te maange (Waste)



**Kanraoi Uriam**

**Project:** Kaataneiaakiia aomata ibukin  
rabakau iaon tikoakin te mwane ao te  
makete (Community financial literacy &  
markets)



**Beia Tominiko**

**Project:** Te Ran ni Kamaeu (Water)



**Timeon Malcolm**

**Project 1:** Temaiuraoi (Agriculture)  
**Project 2:** Kabonganaan raoi te  
nangkona (Responsible kava  
consumption)



**Rereniti Tiiman**

**Project:** Itinikarawa (Solar power)



**Kiboboua Raiwan**

## Karikirake aika uarereke

Ruaia maitin karikirake aika uarereke ake a tia ni kateaki ba ana kona ni wakina kanoan tenan kawai:

1. Te Ran ni Kamaeu
2. Kateimatoan ao Boutokaan Marurungin te Utu
3. Temauraoi Project
4. Financial Literacy and Markets
5. Supercat Transport
6. Te Tania n Amwarake mai Taari
7. Itinikarawa Project
8. Kabonganan Raoi te Nangkona
9. Te Maange Project



**Project's name.** Temauraoi Project.

**Goal:** Production nutritious, safe, climate resilient food crops in Abaiang to alleviate food security & NCDs.

**Key Implementing Partners**

- MELAD
- Live and Learn.
- SPC
- Child Fund.
- CSIRO

**Funding Partners**

- MFAT
- DFAT
- GGGI

**Activities**

- Provision of tools - irrigation, basic tool, cubes, solar pump / 80 Household
- Irrigation system
- Composting - Develop compost
- Provision of Resilient planting materials.
- Field testing of varieties (& compost)
- Develop targeted compost recipes (develop Youtube videos)
- Training and dissemination
- M & E.

**Outputs.**

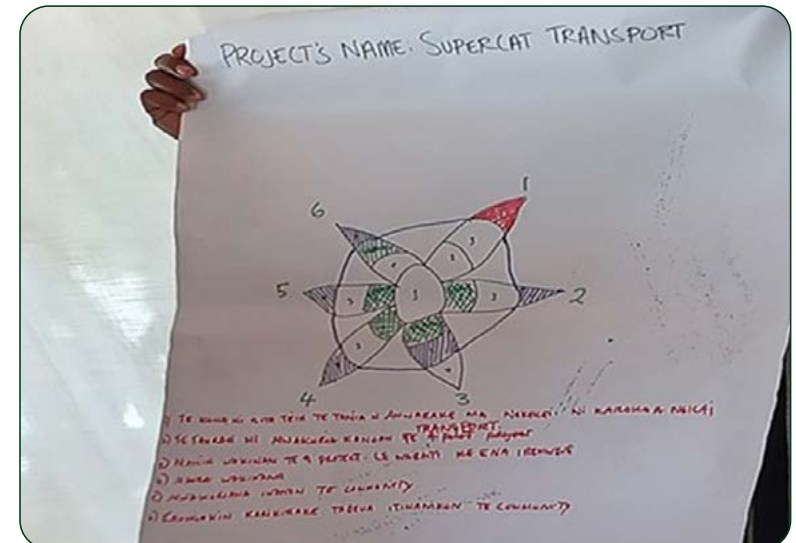
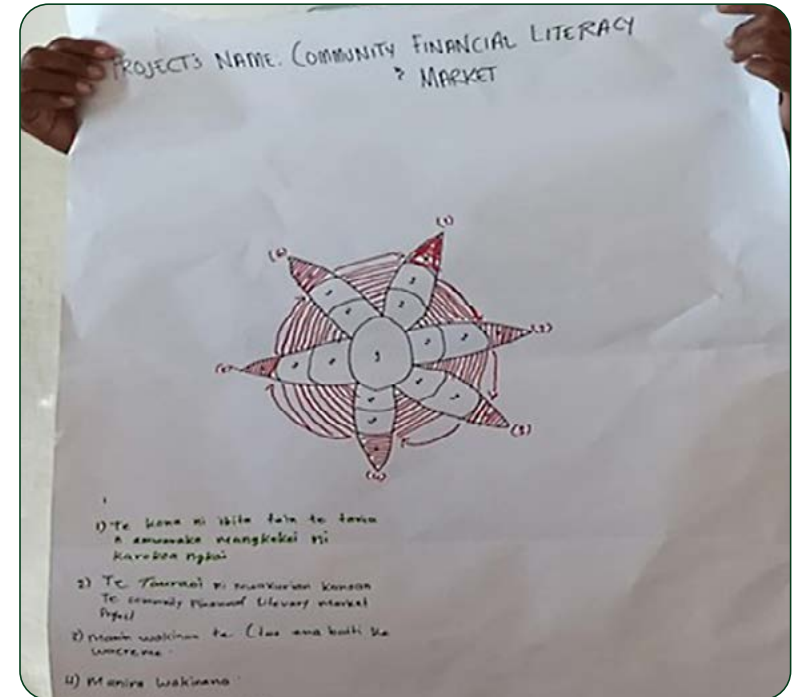
- Increase food production sources
- Actual One Garden per household
- Increased awareness on resilience food production.

**TIME FRAME:**  
18 months.

## Rineakin te moan karikirake ae uarereke ba ena wakinaki

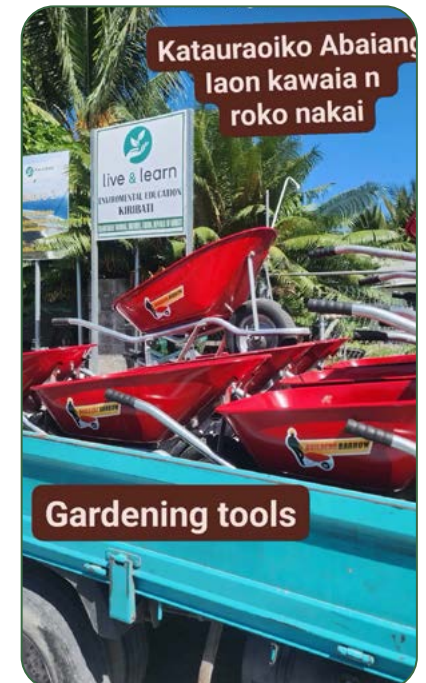
Aomata ake a tia n anga nanoia ba ana tei ibukin te community a kaira te waaki ibukin rineakin te karikirake ae uarereke ba ena riai ni moanibwaiakaki wakinana, kabonganaki iai "Te Uee" ke "Flower Tool". Community ao Kauntira iaon Abaiang anga aia bwii ibukin karikirake ake kaineti ma baan te uee ake onoua ake a oti kabarabarakia inano ibukin kakaeen ba tera te karikirake ae uarereke ae e rang kakawaki ibukin bitakin te tania n amwarake:

1. Te atatai ni konaa ni bita te tania n amwarake
2. Te tauraoi ni konaa ni wakina kanoan te karikirake ae uarereke
3. Manin taina ao norakin bonganana
4. Manin taina are ena kona oti mwiina aika bongana
5. Angaa ba ena konaa n oti mwiina ae tamaroa ao ni konaa butinako ni bongana nakoia aomata ke taabo Tabeua tiaki ti iaon Abaiang
6. Angaa ba ena konaa ni kaungaia karikirake tabeua ke bon community



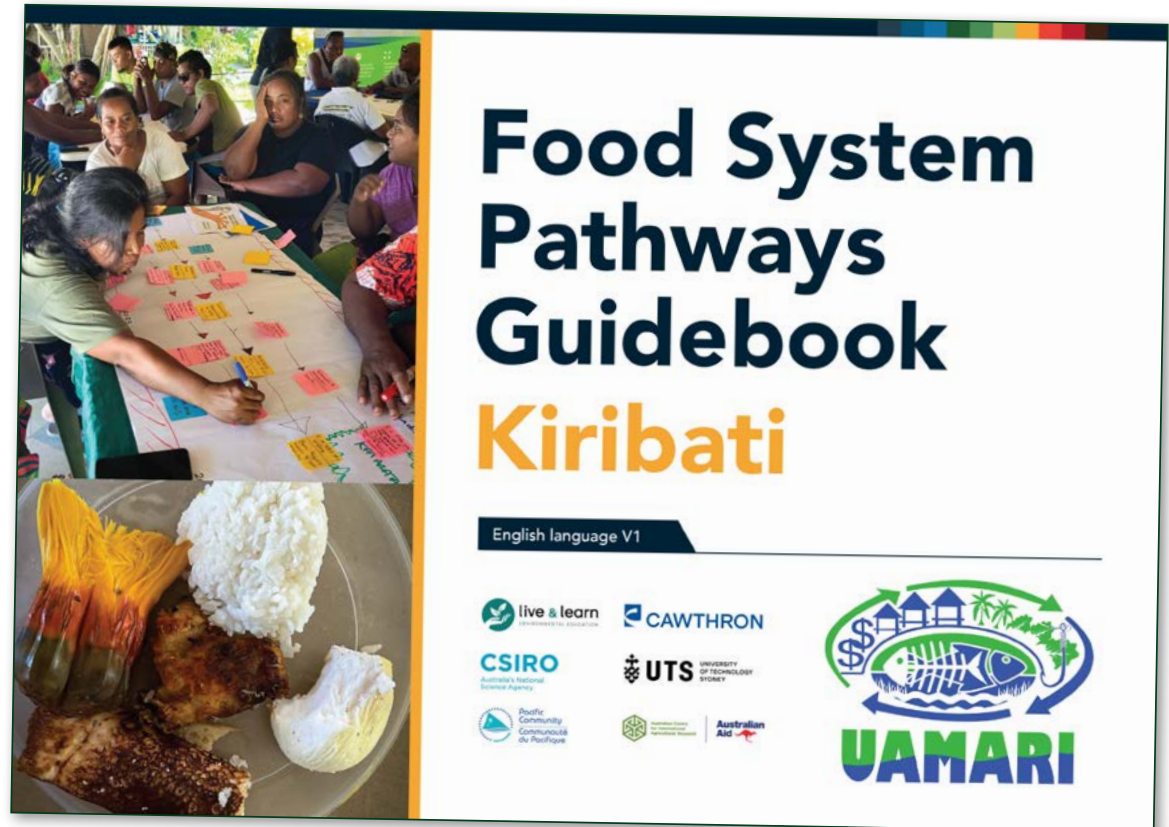
## Temaiuraoi Project

Ni kabane karikirake ake a tia n rineaki a bane n roko ieta. Man te Kauntira, naake a rineaki a baireia bwa ana boboto aia mwakuri iaon te karikirake aio: Kawain te Ununiki ae arana Temaiuraoi karikirake. Ni mwakurian te katoto teuana, te Kauntira, naake a rineaki ao aomata ana ataia bwa. Te reirei iaon te kamkamka ea tia ni katauraoki mairoun te SPC, ao te karikirake ae te Uamari e kabooi bwain mwakuri n ununiki. Aikai ake ena anganaki ao ni kawakinaki iroun te Kauntira rinanon te boraraoi are e tiainaaki n Tebetembwa 2025.



## Kawai aika ana karaoaki imwiina

Te Kauntira iaon Abaiang ao Aomata ake anga nanoia tei ibukin te community ana bon reitinako ni wakina kanoan tenan kawai inanon te karikirake aio iaon Abaiang, te kantaninga bwa MELAD ena kona n anga ana boutoka, ao bon tautaeaka aika kakaokoro iaon Kiribati ni ikotaki ma aomata ake a reke mwaane ni buoka mai irouia ni kona naba n anga aia boutoka. Inanon Ritembwa 2025, Live & Learn ao Aomata ake anga nanoia tei ibukin te community a tia ira kanoan aia babaro Mayor iaon South Tarawa n anga aia kabwarabwara ibukin te karikirake ae te Uamari, ao a maiti tenan bubuti mai irouia Mayors ibukin karaoan aron karikirake aio nakon aia abamakoro. Te Karikirake aio ea tia ni karaoa Te Boki iaon Te Tania n Amwarake ibukin boutokakia ao ni kabonganaki irouia aomata ake anga nanoia n tei ibukin aia community ao bon taan anga reirei ibukin wakinan tenan kawai n anga reirei iaon Te Tania N Amwarake nakon taai aika ana roko.





**Kawai iaon  
te Tania n  
Amwarake**

**Kiribati**

Kiribati language