

The Transport & Environment Knowledge Hub (TEKH) – Water Group

Workshop – Water, Environmental & Transport (WET) Research

Facilitators: Tim Fisher (T&T), David Hughes (Aurecon), Peter Mitchell (ASM/WSP), Troy Brockbank (WSP)

26th August 2020

Water NZ Stormwater2020 Conference Online



Agenda

3:30 pm	Introduction & Presentation <ul style="list-style-type: none">▶ MOT Transport & Environmental Knowledge Hub (TEKH)▶ The Water sub-group▶ Q&A – Use Conference Q&A	25mins
3:55 pm	Workshop: Transport & Water Research Topics <ul style="list-style-type: none">▶ Water & Transport Research Problem Statements▶ Use Sildo	25mins
4:20 pm	Wrap-up & Next Steps	10mins
4:30 pm	Close	-

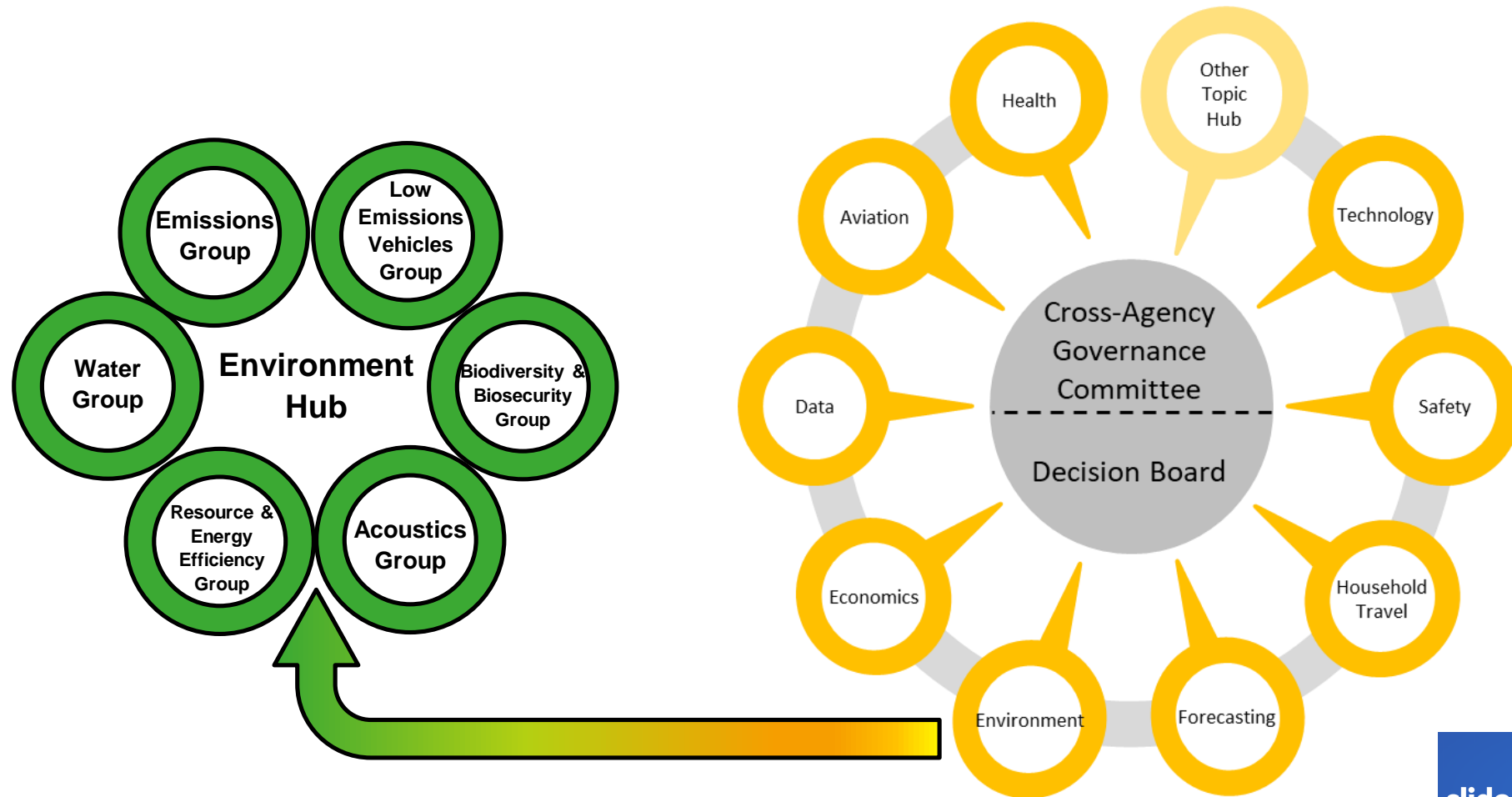
Research Question

What are your Water, Environmental & Transport (WET) research ‘problem statements’?

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Transport Knowledge Hubs & Groups



<https://www.transport.govt.nz/mot-resources/transport-knowledge-hub/>

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Transport Knowledge - Aim

Ensuring the transport sector has the right data, information, research and evaluation to deliver an evidence-based transport system that improves wellbeing and liveability.
(Transport Evidence Based Strategy)

The TEKH is about knowing what are the impacts of the Transport System on the Natural Environment and *vice versa*.

What this means in practical terms:

- 1. Identify the Research Gaps (current & future)**
- 2. Prioritize these Research Gaps**
- 3. Draft Research proposals & Access Funds**
- 4. Carry out the Research (can be outsourced)**
- 5. Disseminate the Research findings**

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Proposed 3 year plan

In 2019:

- ▶ Groups are scoped out
- ▶ Potential members have been identified & contacted
- ▶ 1st Funding workshop (MBIE, NZTA & HRC) is held

In 2020:

- ▶ Working committees are well-established
- ▶ 'Formal' launch of the Groups
- ▶ Research Gaps are identified
- ▶ Tentative Research Priority list is identified
- ▶ 2nd Funding workshop (MPI, LGNZ, Royal Society) is held
- ▶ Environment corner at the Annual Transport Knowledge Hub conference

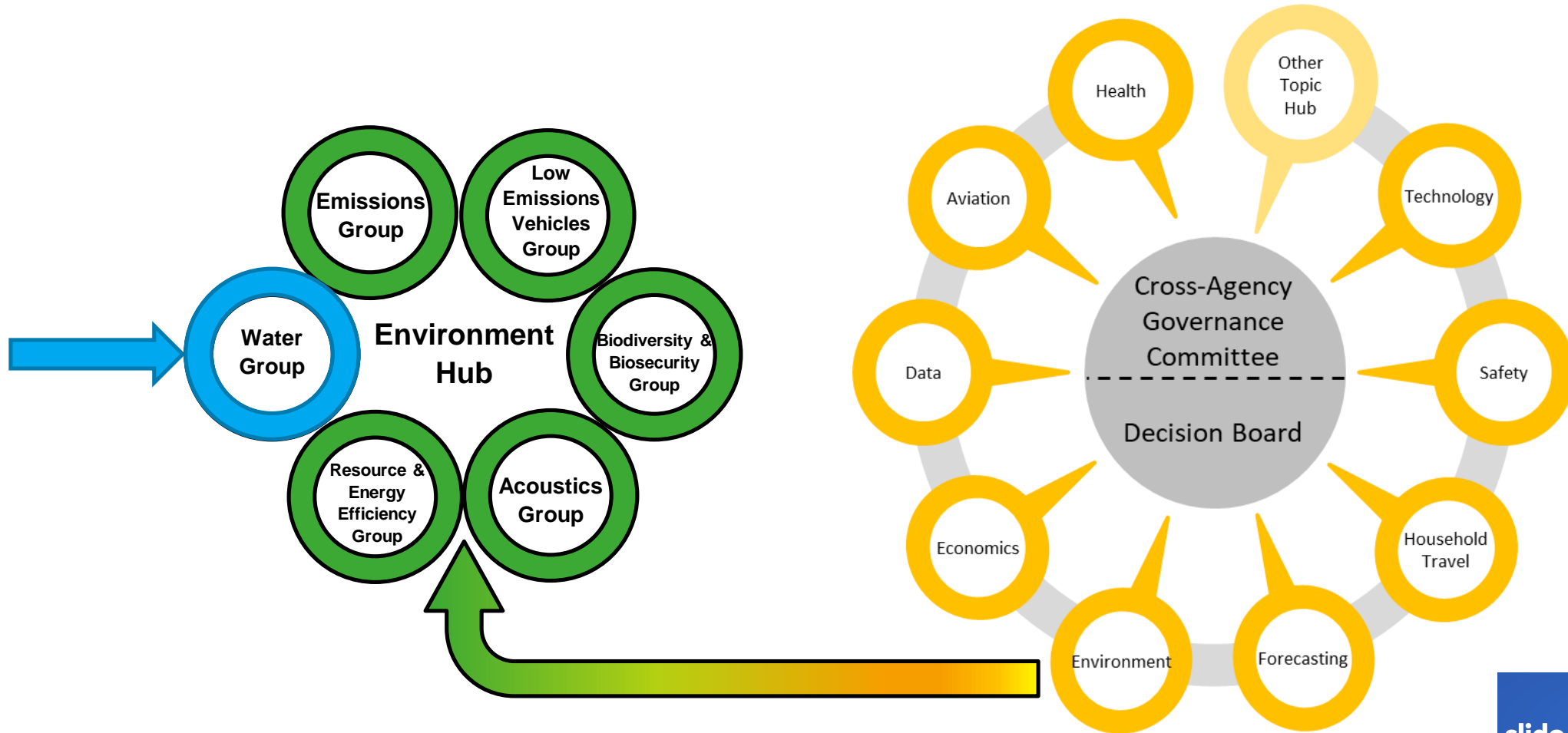
In 2021:

- ▶ Research Priorities are identified
- ▶ Funding accessed for (at least) 2 Research Priorities per Group
- ▶ 1 TEKH Talk is given per Group

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Water Group



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Facilitators / Members



Tim Fisher
Tonkin & Taylor



David Hughes
Aurecon



Peter Mitchell
Auckland Motorways / WSP



Troy Brockbank
WSP

- ▶ Greg Haldane – Waka Kotahi
- ▶ Rob Hannaby – Waka Kotahi
- ▶ David Greig – Waka Kotahi
- ▶ Sharon de Luca – Boffa Miskell

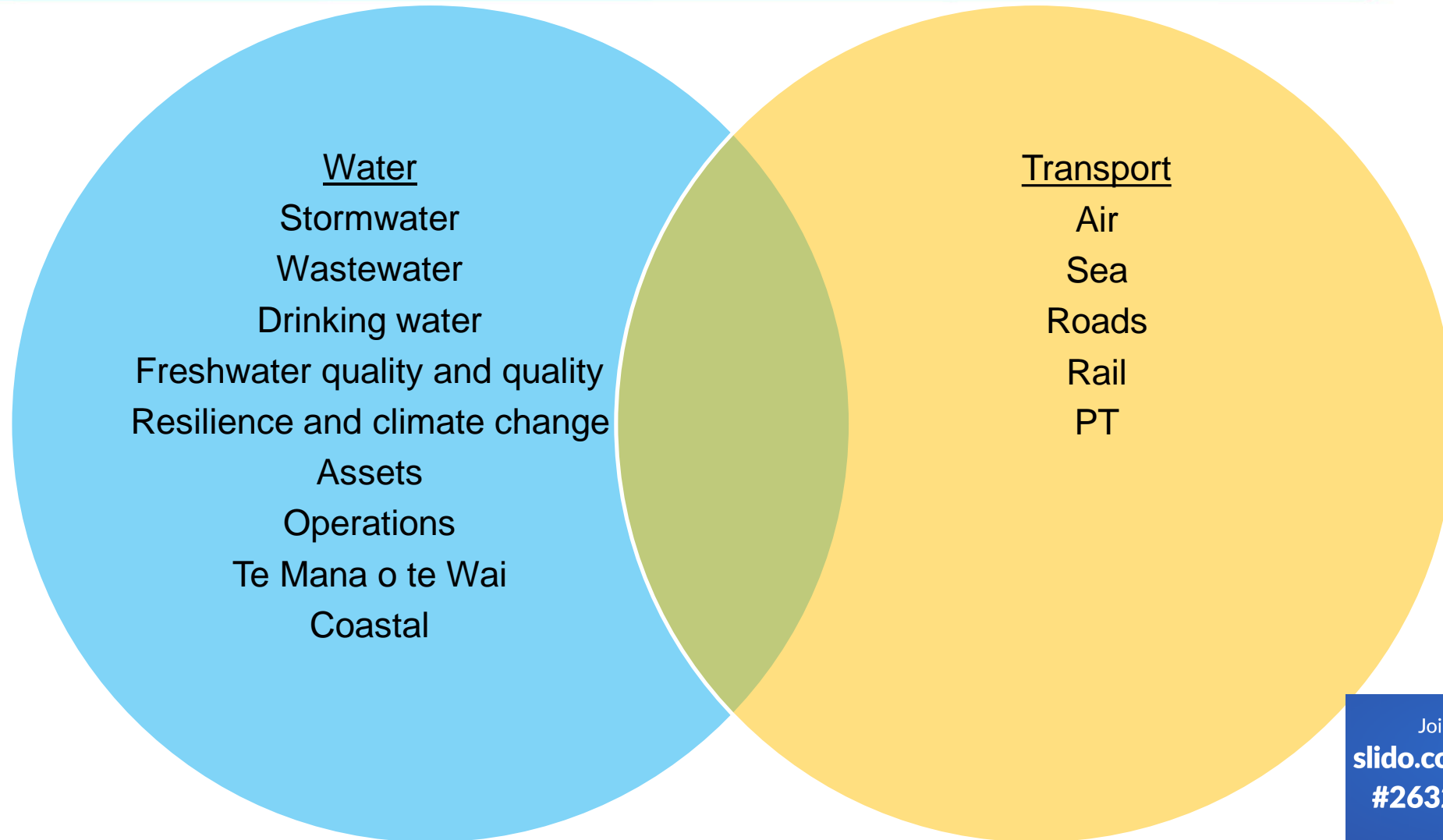
- ▶ Jonathan Moores – Niwa
- ▶ Michaela Manley – MfE
- ▶ Vaughan Keesing – Boffa Miskell
- ▶ Noel Roberts – Water NZ

- ▶ Puti Wilson – Auckland Council
- ▶ Gemma Couzens - MoT
- ▶ Sue-Ellen Fenelon – MfE
- ▶ Cathy Bebelman – Auckland Transport

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Water & Transport



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Objectives

- ▶ Act as a channel to help implement the Transport Sector Research Strategy and Transport Domain Plan
- ▶ Raise awareness of relevant research, data analysis techniques and data availability across the transport sector including interactions research and connections
- ▶ Identify information and research gaps
- ▶ Ensure research is relevant and to facilitate the take-up of research for policy development
- ▶ Identify opportunities for collaboration amongst water/environment/transport community

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Q&A – Water Group

- ▶ Short Q&A on the TEKH & Water Group
- ▶ Write Questions in the Portal's Q&A chat function
- ▶ Facilitators will answer via audio

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Workshop - WET

Purpose

- ▶ Identify the gaps in our Water, Environmental & Transport (WET) industry knowledge
- ▶ Enable prioritised research to help to close these gaps

'Rules of Engagement'

- ▶ No idea is a silly idea
- ▶ Use Sildo to propose your research 'problem statements'.
- ▶ Use your name (we can followup if needed) or OK to be anonymous
- ▶ Research needs to be Water/Environment & Transport related
- ▶ Vote for ideas to show your support

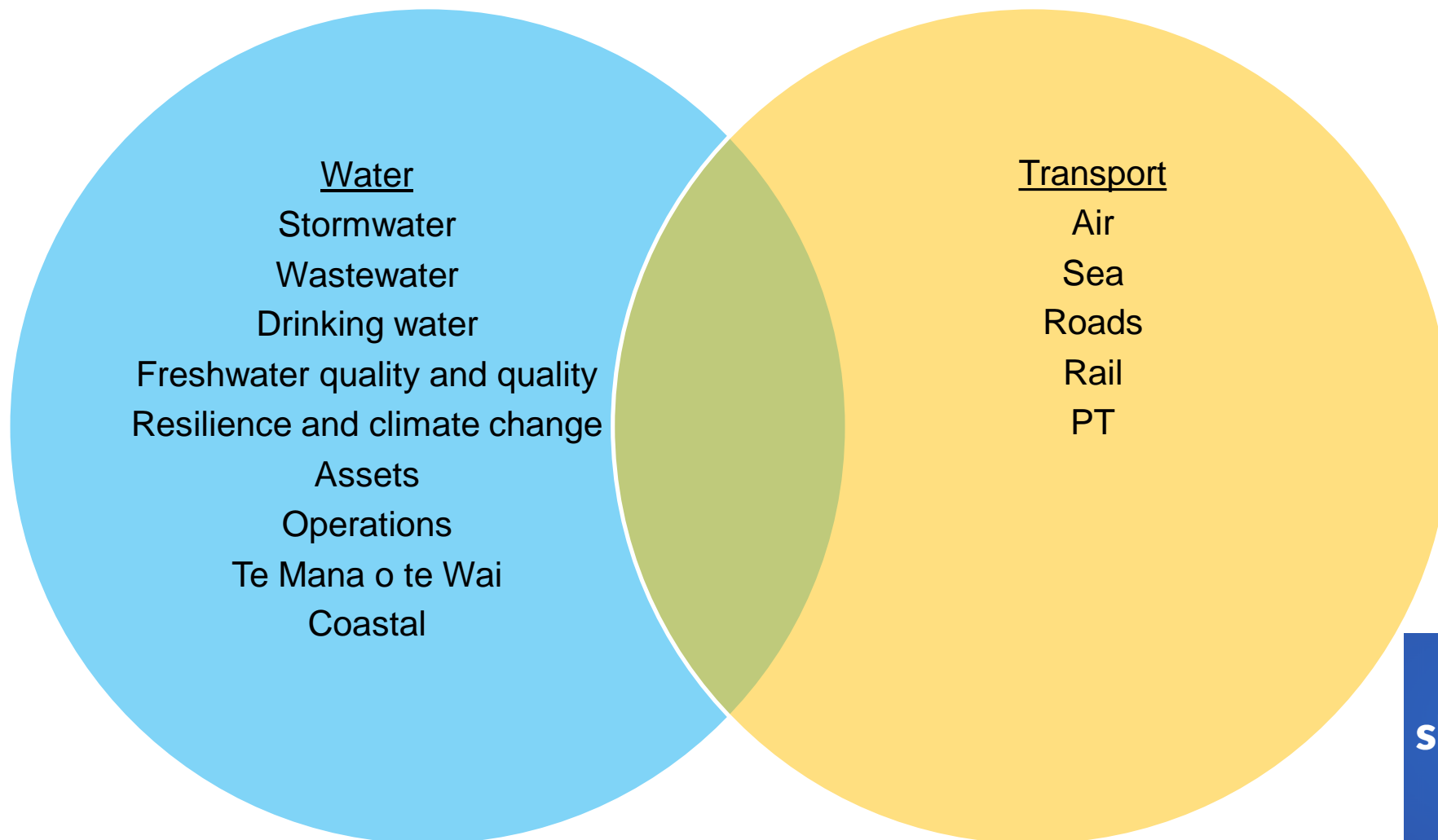
How to Use Sildo

- ▶ Scan the QR code with your phone
- ▶ or head to sildo.com and **enter code #26325**

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What Water & Transport research should we focus on?



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What are your 'Problem Statements'

YOU too can help to make a positive difference to our Water/Environment/Transport (WET) Industry.

- ▶ Have you ever wondered “surely there must be a better way?”
- ▶ What issues do you experience within our industry?
- ▶ Do you wish for better evidence based data to help inform your decisions?
- ▶ Do you lack suitable design/construction/operational guidance?

We are now looking for your knowledge, experience, and ideas to help formulate ‘**problem statements**’.

- ▶ Your problem statement should succinctly describe **the reality** of your current situation, **the ideal outcome**, and the **expected benefits**.
- ▶ This will enable us to collaborate and explore your idea for the purpose of prioritisation and focused research.

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Research Question

What are your Water, Environmental & Transport (WET) research problem statements?

NOTE A problem statement is a concise description of an issue to be addressed or a condition to be improved upon.

<https://wall.sli.do/event/8cn0wjum?section=aa72b3a4-9a3c-44b7-a3c0-51ebab5e4329>

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Next Steps

- ▶ Thank you everybody for you research 'problem statements'
- ▶ Sildo (#26325) will remain active till **5pm Friday 28th August 2020**
- ▶ Reach at to the team (via Tim or David) after this date
- ▶ TEKH Water Group will compile the research problem statements
- ▶ Create a summary document & research briefs

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Want to know more?

- ▶ General Queries about MOT's Transport Knowledge Hub = <https://www.transport.govt.nz/mot-resources/transport-knowledge-hub/>
- ▶ Water Group - reach out to Tim Fisher (Tonkin & Taylor) or Daivid Hughes (Aurecon)

Kia haumaru te noho

Stay safe & Enjoy the rest of the conference

Thank you

