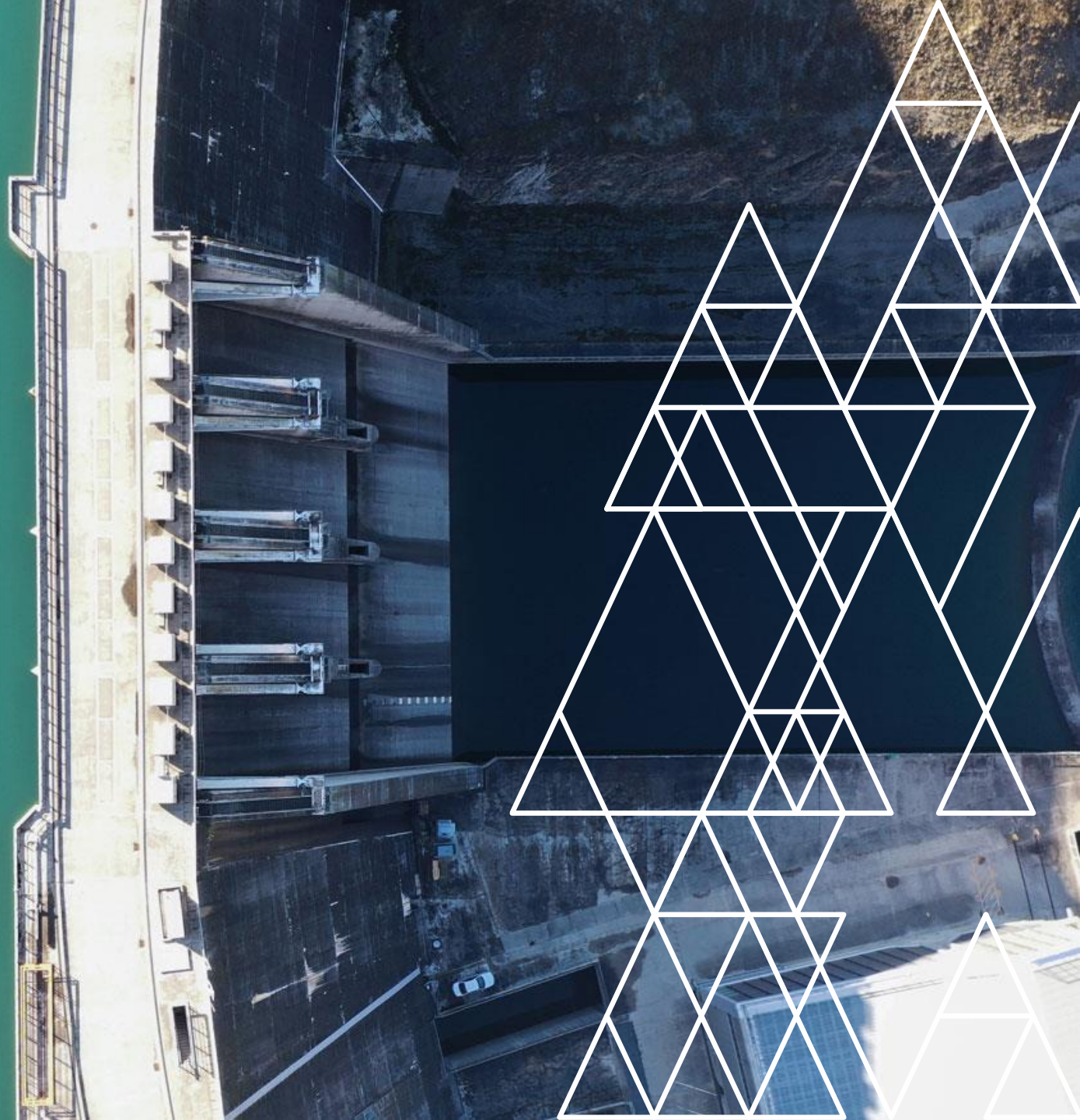


# Technology demonstration projects utilising very high temperature heat pumps

Request for Proposal Briefing  
7 November 2024



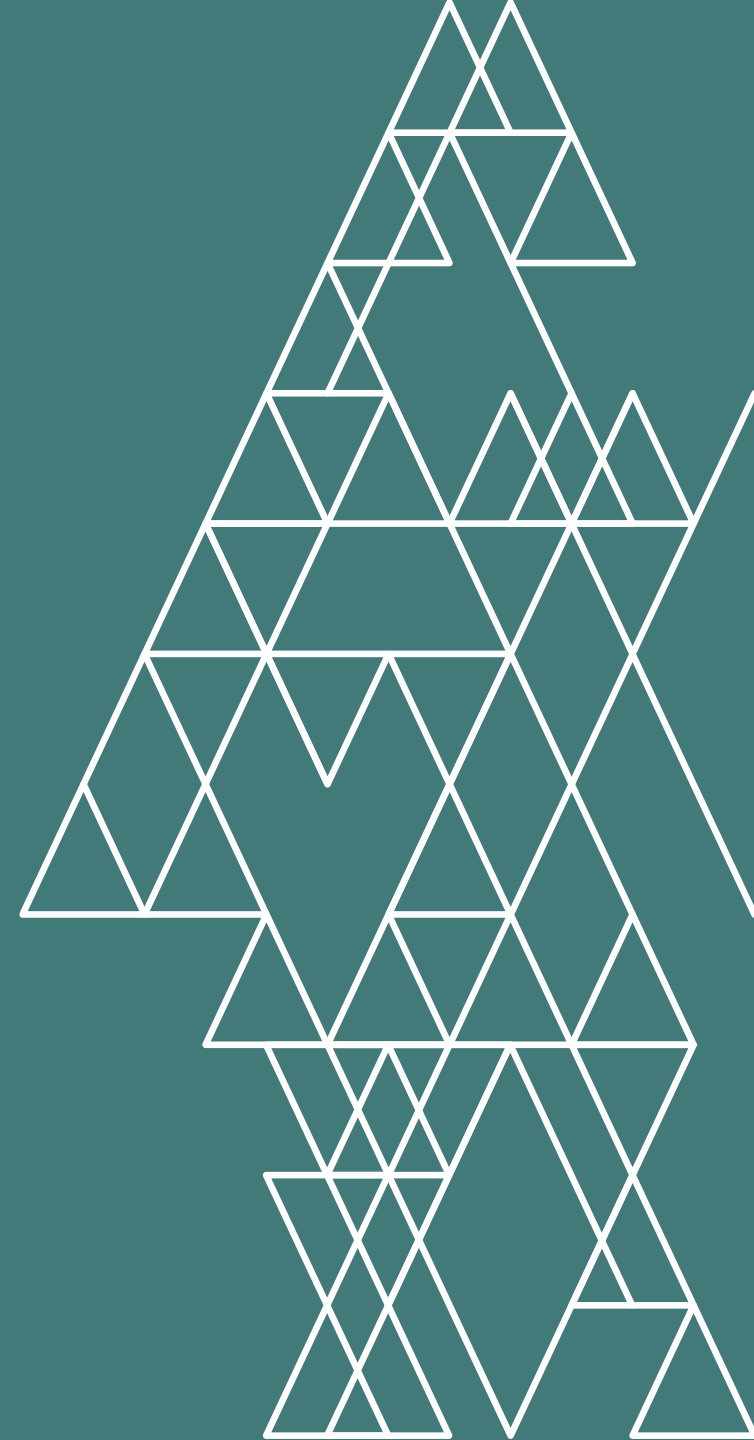
# Who's presenting today

**Brad McMeekin –  
Procurement Lead Advisor**

**Dinesh Chand –  
Technology  
Demonstration Fund  
Manager**

**Karen Orr –  
Programme Advisor**

**Kanchana Marasinghe –  
Innovation Portfolio  
Manager**



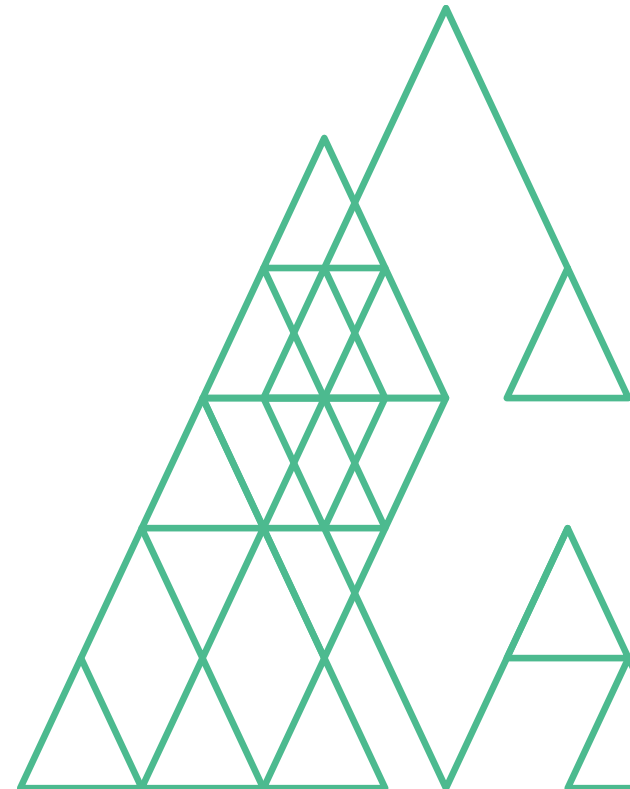
# Agenda

1. Introduction & procurement –  
Brad McMeekin
2. EECA support for heat pump technology –  
Dinesh Chand
3. What we are looking for & what is excluded –  
Karen Orr
4. Questions



# Housekeeping

- **Q&A** will be open throughout the session – we will keep an eye on what comes through and answer as many questions as possible at the end of the presentation. Those we do not get to we will provide an answer after the session.
- **Please disable camera and mics** for duration of the briefing presentation
- The briefing is **being recorded** and will be made available on GETS
- We expect this briefing to run **up to 30 minutes**



# EECA support for heat pump technology

- **Technology demonstration fund – to reduce the risk of the early adopter of innovative new technologies**
- **Up to 50% of project costs to a maximum of \$500k for process heat projects**
- **Heat pumps support history:**
  - **2013 – 2 x 60°C (medium temperature)**
  - **2018 – 2 x 80-90°C (high temperature)**
  - **GIDI – 20+ high temperature heat pumps**
- **Have identified Very High Temperature (>100°C) Heat Pumps as the next key technology for reducing process heat emissions**
- **Technology is being developed, demonstrated and commercialised – mostly in Europe (NZ workshop planned – details tbc)**
- **Total funding pool is \$4m with a maximum contract value of \$2m**



# RFP – what we are looking for?

- **>100 °C hot water or steam heat pump project**
- **Up to 5MWth capacity**
- **Identified technology and potential supplier – fit of solution**
- **Understand overall project costs and firm commitment to develop and implement the project**
- **Staged project development - detailed feasibility, business case & technical design (50% co-funding will be considered)**
- **Contract by June 2025 with up to two years for delivery**
- **Projects which can meet the requirements of the RFP and all preconditions**
- **Track record in successful project delivery**
- **Willing to share the outcomes**
- **RFP closes 5:00PM, 12 December 2024**
- **Deadline for questions 5:00PM, 28 November**

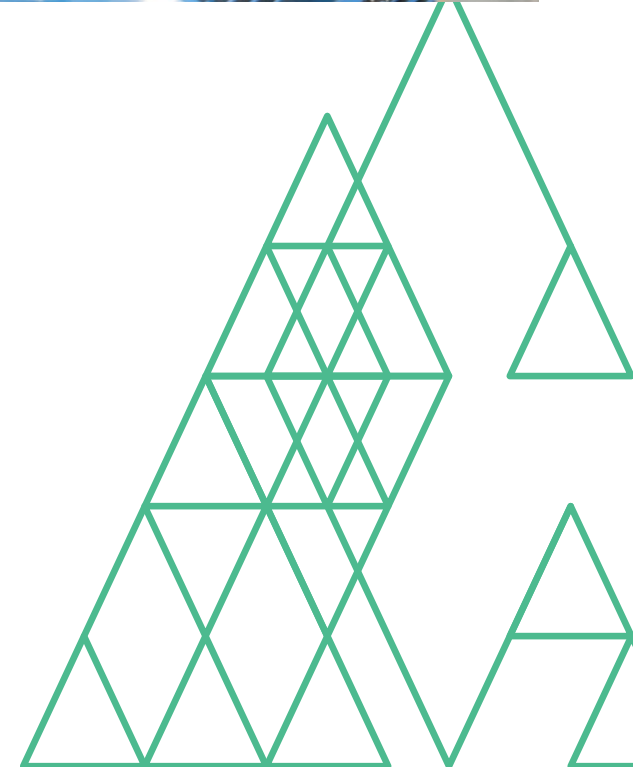


# RFP – what we don't want

## Proposals from:

- manufacturers or technology supplier
- businesses that are not NZBN registered

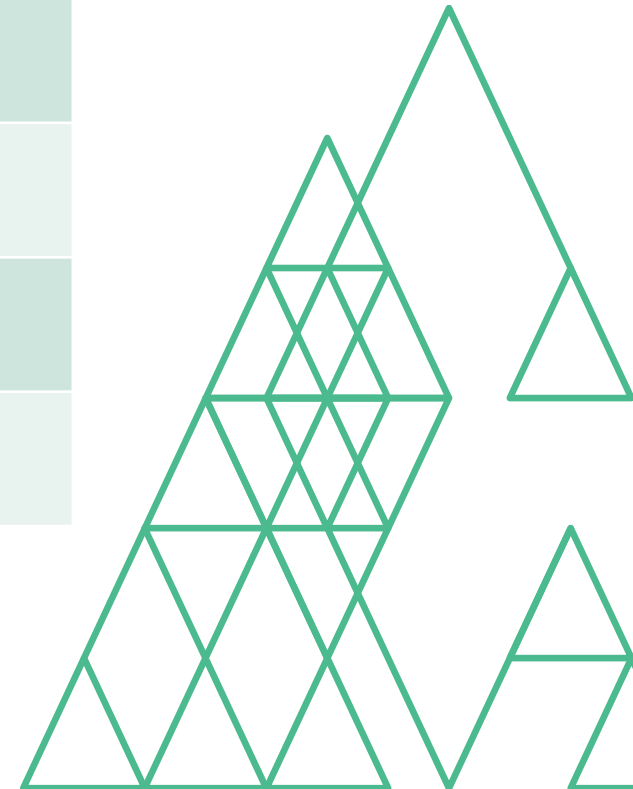
Projects that can't be delivered by 31 May 2027



# RFP – evaluation criteria

Weighted attribute model:

Criteria	Weighting
CO2 reduction, low emissions energy transition and simple payback	40%
Business Case	25%
Ability to Deliver	20%
Value for Money	15%





# Questions

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