



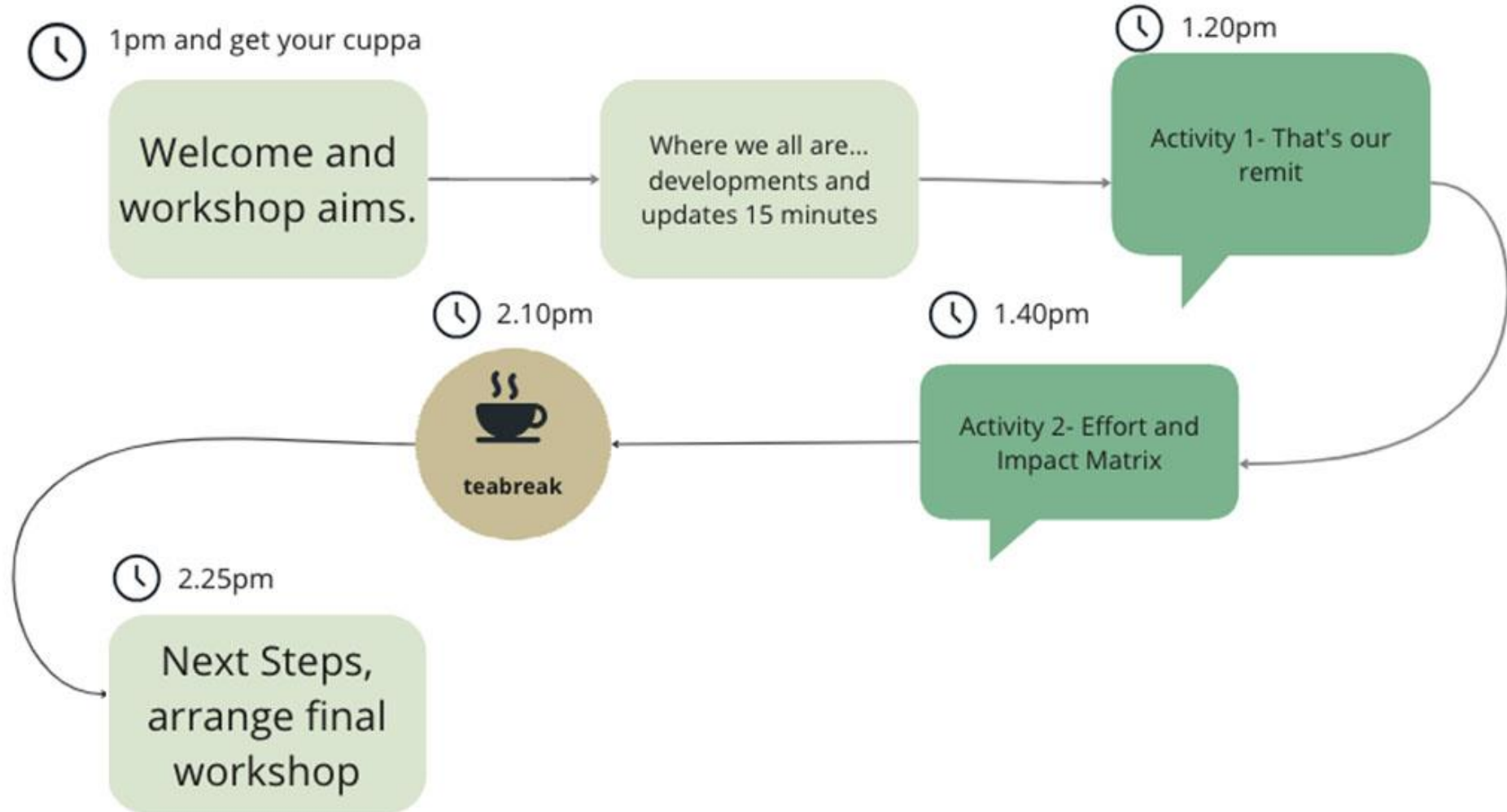
A&
DS

Climate Risk Adaptation Workshop 2

Sample Presentation

Follow our commentary on
the pages using the
orange speech bubbles

Schedule



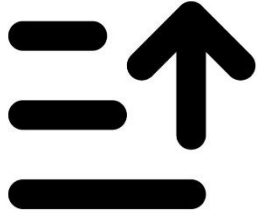
Climate Action Towns in a nutshell

Give the project some context

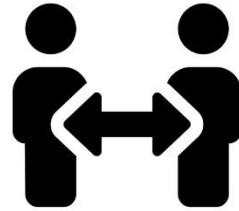


“ To support place-based climate action in a network of seven small Scottish towns, working collaboratively with local communities. From this, Architecture & Design Scotland will develop learning that can be applied in places across Scotland ”

Workshop Purpose



**Prioritise
adaptation
projects
relevant to
Stevenston**



**Understand
feasible
projects and
potential
owners**



Clear outline of the work to be undertaken in the workshop

**Identify
deliverable
projects and next
steps for PBI
funding**

House rules

Establish some rules of engagement



Hands up when you want to speak or ask a question



Take it in turns to speak, don't talk over each other. Listen.



This is an informal environment please be respectful of all views

Shaping the workshop

Adaptation Measures- Biodiversity



Local observations of Climate Change

- Very few butterflies
- Dead bumblebees in the summer
- Daffodils and crocuses growing in December
- Far fewer birds in our gardens and local parks
- Invasive species are on the increase with lack of management



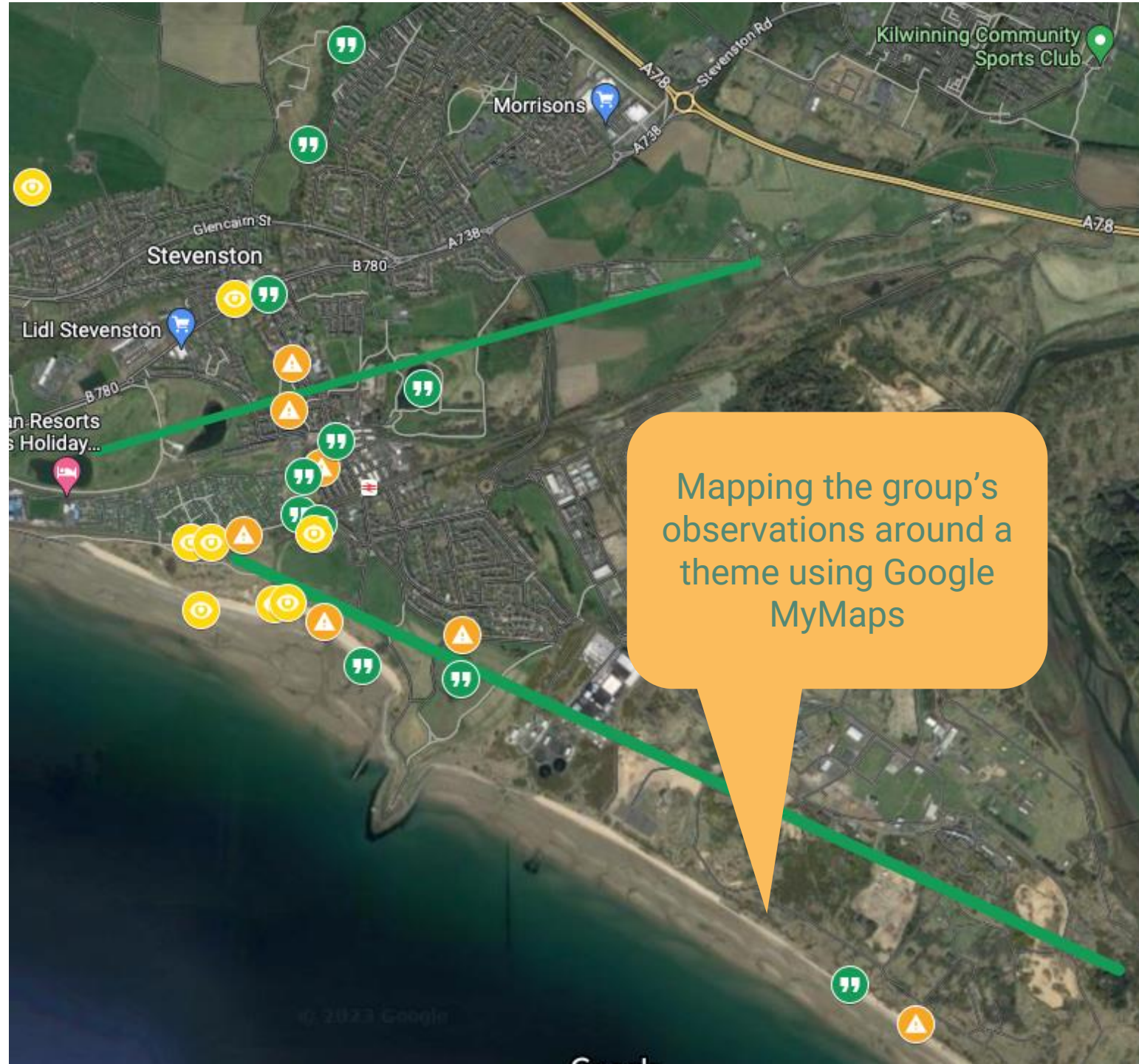
Expected future climate risk trends locally

- Much hotter summers and winters-
confused seasons for wildlife and
plants
- Worse fires in greenspaces
- Increased biodiversity loss due to
extreme weather



Adaptation Ideas for Stevenston...

- Create a nature corridor/ rewilding
- More ponds and more trees
- Habitats expanded and improved to make
biodiversity more robust to the effects of
Climate Change
- Rain gardens



Map 1

Biodiversity and Tree Planting

Report on the mapping work undertaken by the group

Suggestions for improved Biodiversity

- 1 Ardeer Peninsula is a biodiversity asset that should be protected
- 2 There should be greenspace improvement at Stevenston Beach to help nature to adapt by including a range of plant species
- 3 There should be no-mow training for Streetscene operatives with regards to preserving nature and enhancing biodiversity
- 4 Bee beds and wildflower planting throughout Stevenston, including grass verges
- 5 Create Nature Corridors to encourage rewilding
- 6 There should be greenspace improvement at Ardeer Quarry to help nature to adapt by including a range of plant species
- 7 There should be greenspace improvement at Kerelaw to help nature to adapt by including a range of plant species

Suggestions for Tree Planting locations

- 1 More tree planting in urban areas
- 2 Plant more trees around schools
- 3 Tree planting for shade at the square
- 4 Tree planting for shelter at "Doon the Beach"
- 5 Plant trees for shade at Ardeer Community Centre
- 6 More tree planting at Ardeer Quarry- a Biodiversity asset
- 7 Make Kerelaw Estate a biodiversity asset with woodlands, orchards and food growing.



Map 2

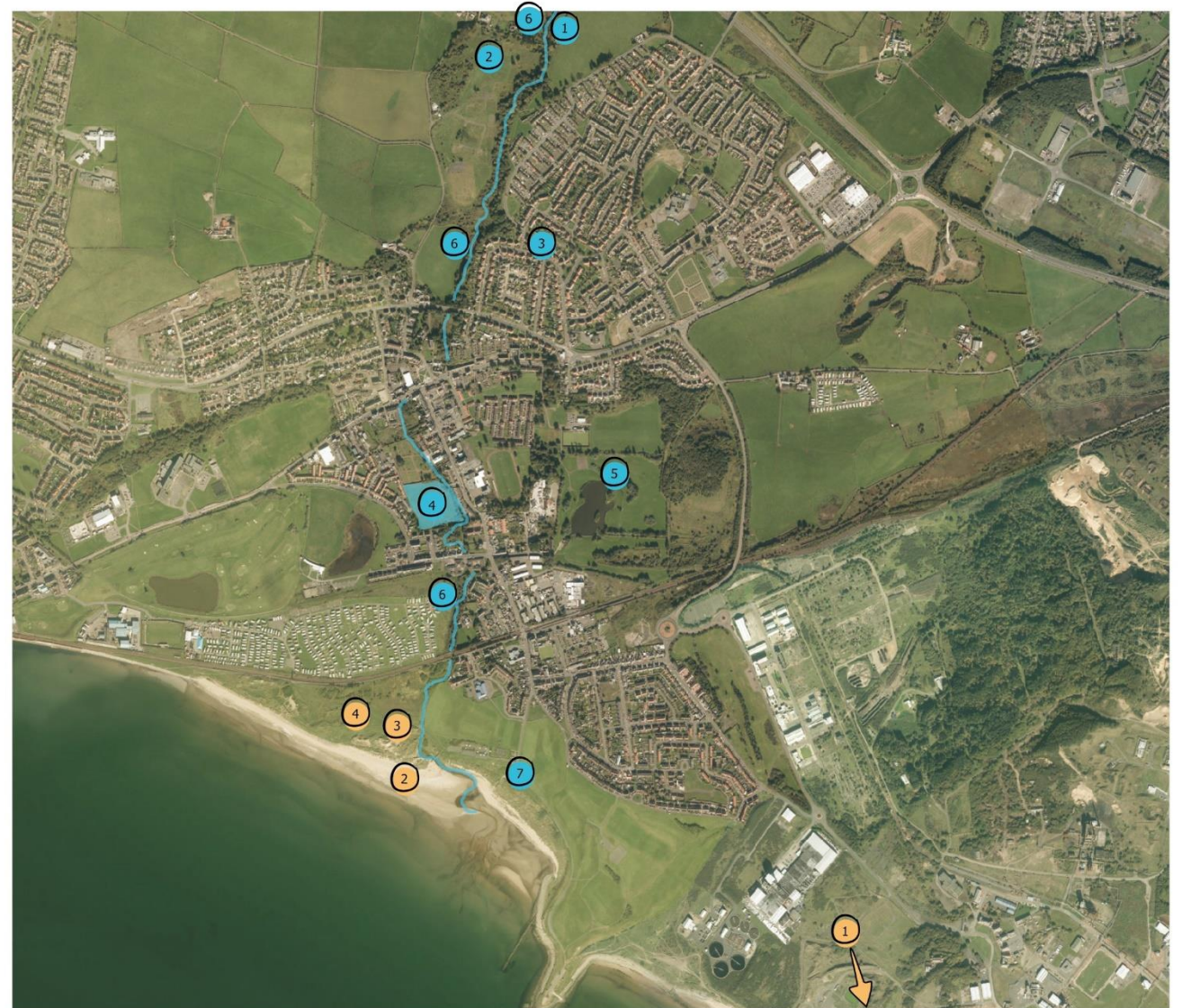
Water management and Coastal Considerations

Water and flood risk management suggestions

- 1 Meanders and wetlands should be created upstream from flood risk areas.
- 2 Greenspace improvement to contribute to surface water management at Kerelaw Estate.
- 3 Clean street drains regularly throughout Stevenston.
- 4 Create a floodable pocket park here to ease water surges.
- 5 Greenspace improvement to contribute to surface water management at Ardeer Quarry
- 6 Install greenbank river protection along the burn that can be repaired by the community
- 7 Greenspace improvement to contribute to water management at Stevenston Beach

Coastal erosion suggestions

- 1 Reinstate natural coastal processes at the Ardeer Peninsula
- 2 Soft dune protection measures at the beach for example bury Christmas Trees.
- 3 Install boardwalks at Stevenston Beach to protect the sand dunes from increased pedestrian traffic
- 4 Sand dune protection is needed



Map 3

Community Resilience and Mitigation Suggestions

Community Resilience

- 1 Stevenston Library should be the community hub sharing information with people in light of climate risks or an emergency
- 2 Railway line relocation could be required
- 3 There should be property level protection against flooding, such as self-closing air-vents and demountable barriers.
- 4 Install stepping stones in place of bridge for occasional beach access
- 5 Develop a suite of retrofit options relevant to Stevenston House types

Mitigation Suggestions

- 1 Cargo bikes service for shopping delivery across the three towns
- 2 There should be a community owned wind farm in Stevenston - location tbc
- 3 There should be a community owned solar farm - location tbc
- 4 Hydro energy scheme where the river goes under the road





























Activity 1- Me? You? Who?

Delivering Change

Projects identified through your work to date

Clearly establish projects from the work to date

 <p>Biodiversity and Tree Planting 05</p>	Create nature corridors to encourage rewilding by connecting existing areas of Greenspace	 <p>Biodiversity and Tree Planting 06</p>	Greenspace improvement at Ardeer Quarry improving biodiversity and helping nature to adapt	 <p>Biodiversity and Tree Planting 07</p>	Make Kerelaw estate a biodiversity asset with woodlands, paths, orchards and food growing - potential community asset	 <p>Biodiversity and Tree Planting 08</p>	There should be more tree planting in urban areas- right tree in the right place considering biosecurity, flood protection and shading				
 <p>Stevenston and Ardeer Peninsula</p>	 <p>Ardeer Quarry</p>	 <p>Kerelaw estate</p>	 <p>Throughout Stevenston</p>	 <p>Flood Risk Management 03</p>	Pro-actively clean street drains twice a year to clear any blockages.	 <p>Flood Risk Management 04</p>	Create a floodable pocket park/ rain garden in the greenspace south of the cemetery to ease water surges.	 <p>Flood Risk Management 05</p>	Install Greenbank river protection along the burn to manage water surges. This could be repaired by community groups	 <p>Coastal Resilience 01</p>	Reinstate natural coastal processes at Ardeer Peninsula
 <p>Throughout Stevenston</p>	 <p>between New St. and Hillside St.</p>	 <p>The Burn</p>	 <p>Ardeer Peninsula</p>	 <p>Community Resilience 03</p>	There should be property level protection against flooding such as self closing air-vents and demountable barriers	 <p>Community Resilience 04</p>	Develop a suite of retrofit options relevant to all Stevenston House types	 <p>Mitigation to Climate Change 01</p>	There should be a cargo bike service for shopping delivery across the three towns	 <p>Mitigation to Climate Change 02</p>	There should be a community owned wind farm in Stevenston - location tbc
 <p>Stevenston - burn and coastal areas</p>	 <p>Stevenston</p>	 <p>Three Towns</p>	 <p>Stevenston</p>								

Delivering Change

Identifying partners to deliver the projects.

Use the Post-its to map delivery partners for each of the projects.

**North Ayrshire Council
Strategy and Delivery**



Community Led Initiatives



Other or none (name)

Map the projects against possible delivery partners using table-based mapping. This graphic was printed at A1 and participant's Post-its added in each category.

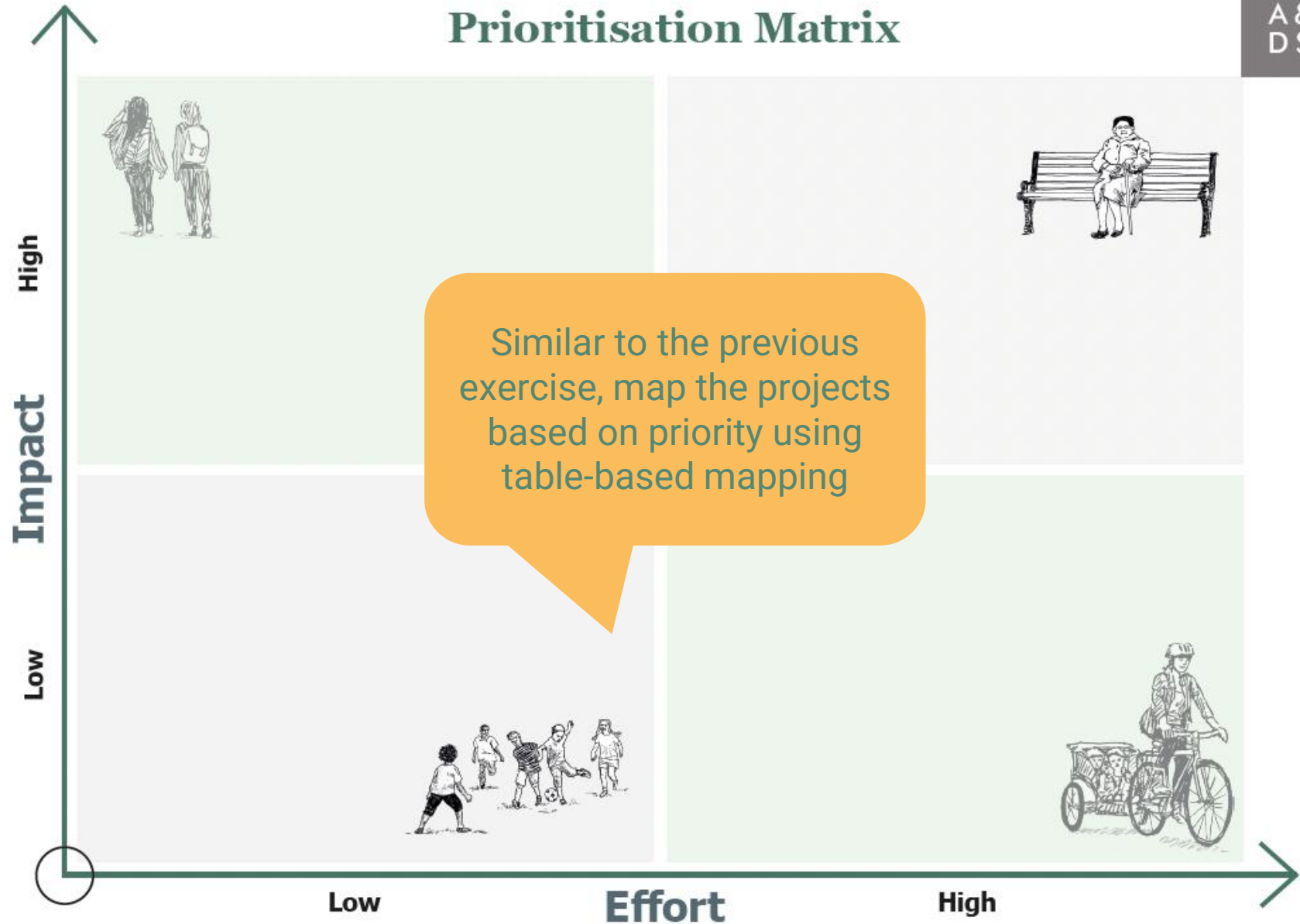




Activity 2 – Prioritisation

Delivering Change

Use the matrix to position the projects according to priority based on Effort and Impact.



Break and voting



Three dots each

Vote on the projects on the prioritisation matrix using the 'three dot system' to establish projects for the town

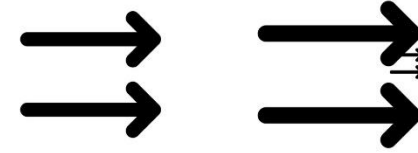
Next Steps...



**wider survey
to understand
community
preference on
projects**



**Final CAT
workshop in
January to
embed legacy**



**allocation of
PBI funding
and climate
hub
connection**



Thank you