UNIFYING CLIMATE ACTIONS IN THE WELLINGTON REGION

Sponsor: Greater Wellington Regional Council (GWRC)
Advisors: Prof. Fred J. Looft and Prof. Ingrid Shockey
The project was partly proposed due to climate change.

“The May 14 downpours flood State Highway 2 at Petone, forcing its closure in one 2015 extreme weather event.” (Wannan, 2015)

(Greater Wellington Regional Council, 2019)
The project was also proposed to coordinate climate action efforts in the Wellington Region.

"There appears on the surface no coordinated effort across the region but that may be due to there being no one place to source information."
- Survey Participant
We identified a goal to focus our approach to the problem.

- Collaborate with GWRC
- Produce a streamlined resource
- Highlight climate change actions
We reached our goal with 4 objectives.

Map the Network
- Baseline assessment
- Interviews

Determine Content
- Interviews
- Survey

User Interface
- Usability testing
- Feedback group

User Experience
- Feedback group
- Expert interviews
Our baseline assessment informed us of government structure and helped prepare website content.
Our baseline assessment informed us of government structure and helped prepare website content.
We determined content with the interviews and survey.

"if you could win them over, we would go a long way globally to getting [more climate] action"
Sample posters are included on the website.

BEACH CLEAN UP DAY

MAKE THE BEACHES #PLASTICFREE!
JOIN US ON 3 APRIL 2021

WE WILL BE NEEDING VOLUNTEERS.
TO KNOW MORE ABOUT BEACH CLEAN UP DAY,
VISIT WWW.GW.GOV.T.NZ/EVENTS

THE OCEAN IS RISING

STOP SEA LEVEL RISE

GET INVOLVED AT WWW.GW.GOV.T.NZ/EVENTS

Protect the Wetlands

Wetlands:
- Are home to many native fish and bird species
- Reduce the impact of flooding
- Improve water quality
- Have important cultural and historical significance

For more information visit www.gw.govt.nz
Interviews and a feedback group helped us design our prototype.
Interviews and a feedback group helped us design our prototype.
Usability testing revealed areas for improvement in the final design.
Usability testing revealed areas for improvement in the final design.
Interviews with experts and a resource feedback group helped refine our prototype.
Interviews with experts and a resource feedback group helped refine our prototype.
To fulfill the goal, we have developed 4 recommendations.
Our project meets the 13th UN Sustainable Development Goal.

“Take urgent action to combat climate change and its impacts”

- UN Sustainable Development Goal 13

(United Nations Division for Sustainable Development Goals, n.d.)
This project has fulfilled GWRC’s 3rd objective.

- Increase community awareness
- Ensure all know how to take action
- Improve resilience and sustainability

(Greater Wellington Regional Council, 2015)
Thank you to all who helped us throughout this project!
Special thanks to:

**Sponsors:**
Katharina Achterberg (GWRC)
Andrea Brandon (GWRC)
Suze Keith (GWRC)

**Advisors:**
Professor Fred Looft (WPI)
Professor Ingrid Shockey (WPI)

All the participants of our interviews, surveys, & feedback groups
The 2021 New Zealand IQP Class
Thank you for listening!

Does anyone have any questions?
Bibliography


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