

Gladstone Regional Council

Seventeen Seventy Coastal Adaptation and Resilience Plan

Case Study

Project Overview

The Seventeen Seventy foreshore faces pressures from coastal hazards such as erosion and inundation – these pressures are expected to increase in the future and place the foreshore area and assets within it at risk. The Coastal Adaptation and Resilience Plan (CARP) has been developed to provide Gladstone Regional Council (GRC) with a pathway to plan for and adapt to coastal hazard impacts to foreshore assets in Seventeen Seventy.

We used an integrated approach that combined best available coastal science and engineering evidence with in-depth community engagement and social insights. The community values-led approach helped to develop a vision for the future of Seventeen Seventy and key values shared by the community which has informed the recommended management options for key assets.

Project Objectives

- ❖ Develop an intervention level framework to initiate adaptation of coastal assets threatened by coastal hazards.
- ❖ Recommend actions for the protection or adaptation of critical and community assets along the Seventeen Seventy foreshore.
- ❖ Create a planning process for the management and adaptation of assets threatened by coastal hazards in other coastal communities.



Drivers

The driver for the project was to develop a process for Council to develop a method to objectively monitor the threat of coastal hazards to assets in along the Seventeen Seventy foreshore and implement adaptation measures that align with community values and are fit for purpose.

Benefits

- Proactive, incremental and coordinated adaptation of assets in the Seventeen Seventy foreshore.
- Greater understanding of the community values of the foreshore that can be incorporated into all asset management.

Engagement Activities

Engagement with Seventeen Seventy and Agnes Water community used in-person and online formats, such as listening posts, workshops, drop-in sessions and surveys, to capture community values and aspirations as the foundation for managing assets along the Seventeen Seventy foreshore. This gave the community a greater sense of involvement and ownership of the Plan.

Process

The planning process identified critical and community assets along the Seventeen Seventy foreshore and captured the community values of the foreshore. This was used to design a future vision of the foreshore area that can be incorporated into asset planning that is focussed on protecting and maintaining community values rather than existing physical assets

"It is the jewel in the crown of our area. It has heritage, cultural and environmental values with protecting. It has a special "feel" about it that makes people relaxed and happy."

Challenges

Community participation and input was a foundation of this project, and a key challenge was overcoming a general sentiment that their input wouldn't be incorporated. There was also a view that any actions of the Plan wouldn't be implemented citing a lack of funding.

This was overcome through open and honest communication during the engagement process, reinforcing that this was a planning piece of work to be used to support adaptation and improvement decisions in the future.

Outcomes

- A clear framework for assessing coastal hazard threats to infrastructure and adaption options based on communities' values, that can be applied to other coastal communities
- A plan that captured aspirational ideas that would improve the aesthetics, functionality and lifestyle of the Seventeen Seventy foreshore
- Improved relationship with the Agnes Water and Seventeen Seventy community through collaborative engagement

Project Participants

The success of the project is due to the constructive participation and input of the broader Seventeen Seventy and Agnes Water community.

The following organisations also provided valuable input into the Plan:

- *Port Curtis Coral Coast Trust*
- *Volunteer Marine Rescue Round Hill*
- *Discovery Coast Environment Group*
- *Discovery Coast Tourism and Commerce*
- *Seventeen Seventy Marina*



For more information

Please contact us

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Project Website:

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