

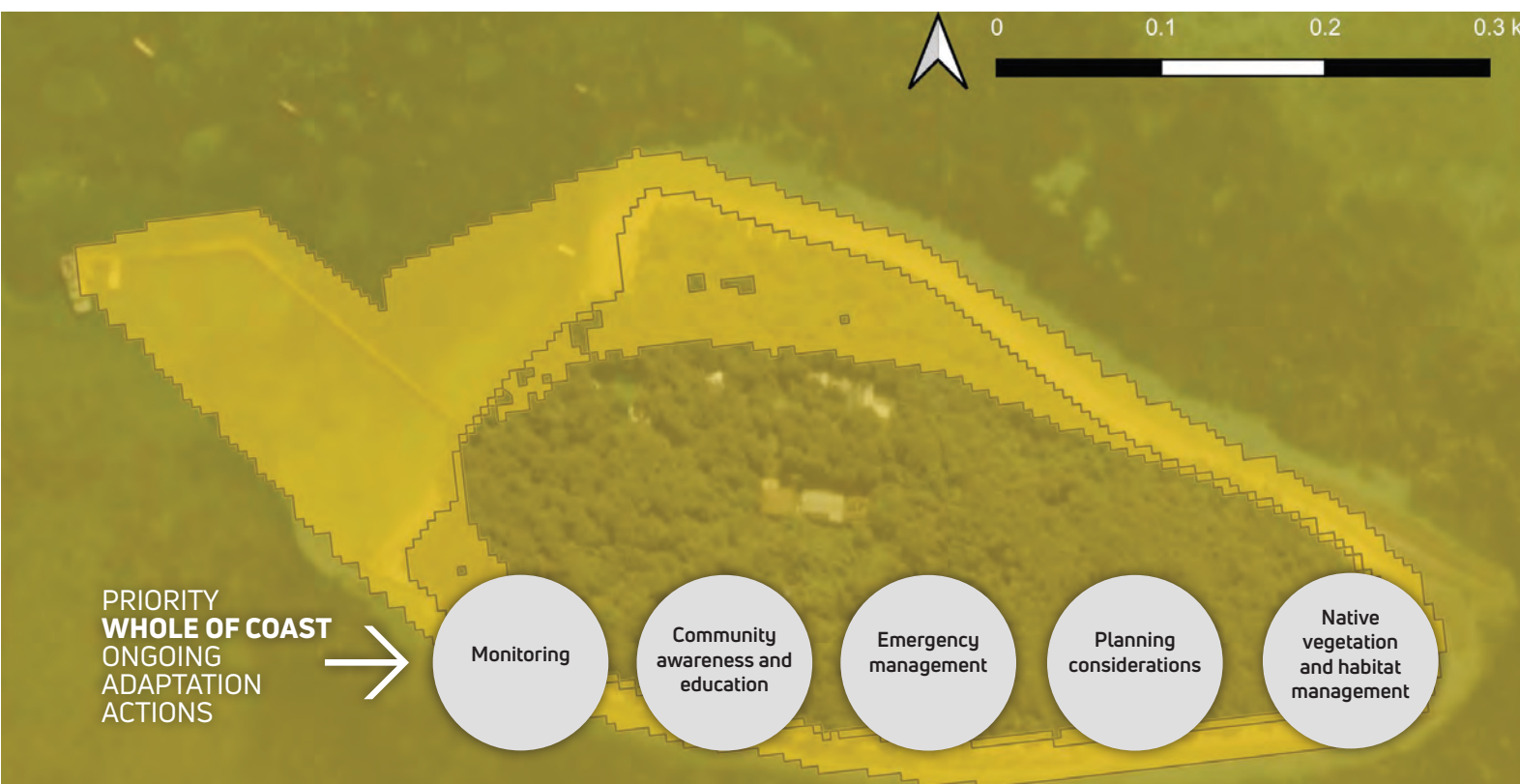
# FITZROY + GREEN ISLANDS

Fitzroy Island and Green Island are tropical islands less than an hour's ferry ride from Cairns. They are popular spots for day-tripping and snorkelling and have resort accommodation. 6000 year-old Green Island is the only cay in the Great Barrier Reef with rainforest cover.



▲ FITZROY ISLAND

GREEN ISLAND ▼



## FITZROY + GREEN ISLANDS

### WHAT THE COMMUNITY VALUES

- Culturally significant sites
- Fitzroy Island for its turtle rehabilitation and coral restoration
- Green Island jetty
- Boating
- Scenic natural environment
- Coral and sea life
- Recreational opportunities, including snorkelling, camping, fishing, swimming and diving
- Tourist opportunities
- Beaches

### COMMUNITY ADAPTATION PRIORITIES

- Dune vegetation management
- Dune and beach monitoring
- Review planning considerations

### COMMUNITY ASSETS AT RISK BY 2100

- Beaches
- Tourist development
- Jetties
- Helicopter pad at Green Island
- Community infrastructure (e.g. public toilet)

- Both islands have experienced erosion which has been managed by CRC and private tourist operators
- Temporary and permanent inundation from coastal hazards is a risk for some areas, particularly on Green Island
- Sand bags have been installed in some areas of Fitzroy Island and concrete block walls have been installed on either side of the Green Island jetty to control inundation

### Local Adaptation Pathways to respond to coastal hazards

(For community assets, based on monitored sea level rise)

TIMING BASED ON SEA LEVEL RISE

SHORT TERM	MED TERM	LONG TERM
0-0.3m	0.3-0.6m	>0.6m

#### MODIFY INFRASTRUCTURE AND HAZARD RESILIENT DESIGN

- Relocate existing low-cost infrastructure if impacted by coastal hazards

#### ACCEPT THE RISK AND EMBRACE COASTAL PROCESSES

- Progressively review or relocate infrastructure as inundation encroaches on asset

