

# Lady Elliot Island

Lady Elliot Island, a sanctuary for over 1,200 marine species, is a global exemplar of island restoration and protection.

## Adaptation and Restoration

**18.2** out of **28.5** hectares revegetated – weeds cleared and over **11,400** native coral cay plants added.

**4,000** plants of **24** different species stocked in the only native coral cay nursery on a Great Barrier Reef island.

**125%** increase in turtle habitat at the main nesting beach.

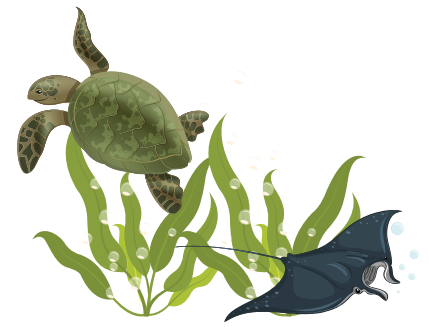
**28** native plant species sourced from 12 nearby coral cays, increasing genetic diversity and improving ecosystem resilience.

## Researching from Leaf to Reef

Island mapped to **1cm** resolution, providing information about habitat composition and condition and making it the most comprehensively mapped Great Barrier Reef island.



**10** breeding pairs of the migratory red-tailed tropic bird identified per season, with 22 chicks fledged over the 5 years.



Genetic sampling and banding/tagging of **60** Capricorn silveryeye birds, **29** red-tailed tropic birds, **35** juvenile green turtles, **8** hawksbill turtles, **22** manta rays, **20** leopard sharks, **3** tiger sharks, **2** grey reef sharks and **30** epaulette sharks to track and record information about their movements and behaviour.

More than **650** island and marine vertebrate species documented.

## Engagement, Education and Stewardship

**10,251** volunteer hours by **581** individuals contributed to island restoration.



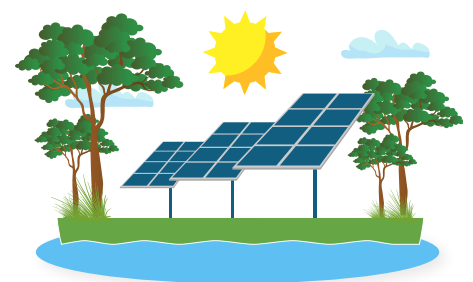
**13** Capricorn Bunker Islands visited in the Reference Site Trip, with participation by **2** Gidarjil Sea Rangers.

## Sustainability Practices

Goal of **100%** renewable energy to be achieved by installing **900** solar panels, **258** batteries, **25** solar hot water systems and **2** solar air conditioners.<sup>1</sup>

Significantly reduced water use through installing **7,500** automated and solar powered irrigation drippers in the nursery and in-field micro-sprayer irrigation systems.

<sup>1</sup>Achieved in partnership with Lady Elliot Island Eco Resort and Queensland Government Rejuvenation Fund.



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