

FREGATE ISLAND PRIVATE Coral Reef Restoration

CORAL REEF FACTS

- Provide habitat for important species of fish, invertebrates & turtles
- Protect our shores by reducing wave action
- Home to 25% of marine life
- Supports local tourism and fishing economies

CORAL REEF THREATS

- High sea temperatures lead to coral bleaching
- Erosion, Runoff & Pollution
- Acidification
- Physical disturbance



CORAL RESTORATION & MINERAL ACCRETION

Apply low voltage electric current to metal structures



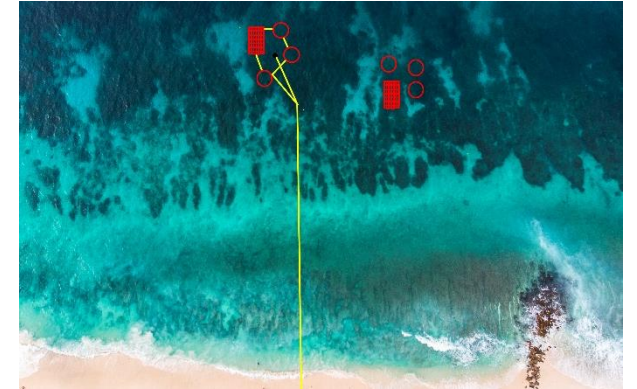
Minerals crystalize from seawater onto structure



Calcium carbonate is formed



Coral fragments attached grow 300-500% faster



Schematic of restoration site. Yellow line indicates electric cable. Red shapes show the location of the structures

Coral project in numbers:

- 8 metal structures:
 - 4 electric
 - 4 non-electric (as control)
- 800 coral fragments



FREGATE ISLAND PRIVATE
SEYCHELLES



@theconservationteam
@fregateislandprivate