

# SEA TURTLE CONSERVATION

**i** The Recovery Plan for Marine Turtles in Australia (2017 - 2027) identifies Gnaraloo Bay as nesting habitat which is critical to the survival of loggerheads of the southeast Indian Ocean regional management unit (RMU). The southeast Indian Ocean RMU is among the least well-studied RMUs. Vital information on loggerhead turtle reproductive biology in this region is lacking, including nesting census data from key rookeries, which makes the Gnaraloo data important.

The Gnaraloo Turtle Conservation Program (GTCP) investigated and identified via scientific method the importance of a critical nesting area for endangered sea turtles, located in a world heritage area.



**AU \$3.6 million** INVESTMENT FROM PRIVATE AND PUBLIC SOURCES in sea turtle conservation and feral animal control.

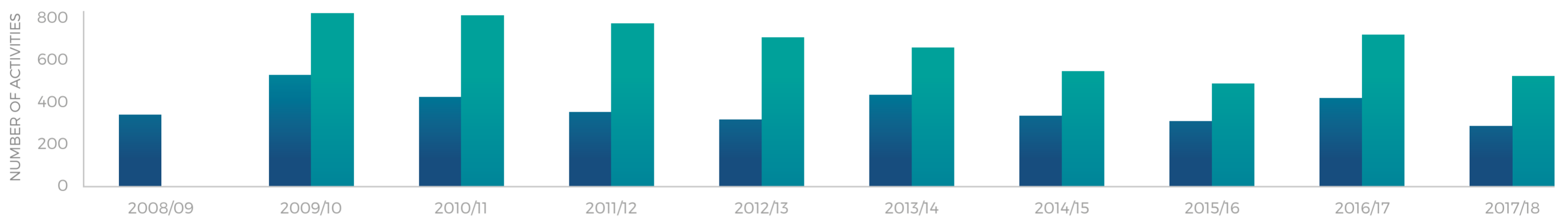
## NATURE-BASED CHARITY *not for profit*

Creation of the Gnaraloo Wilderness Foundation (GWF), run by a committee, to continue the work through public support.



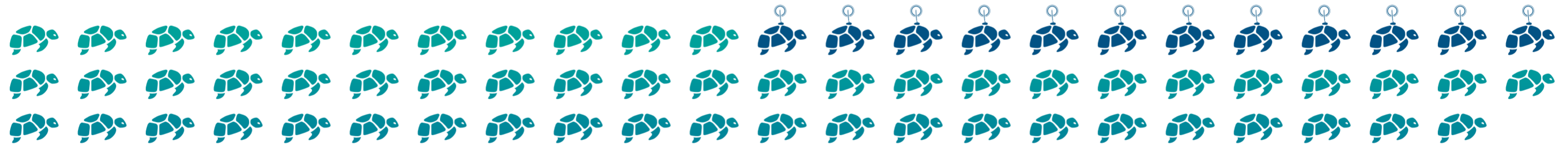
In 2018, the Gnaraloo Turtle Conservation Program delivered a valuable 10-year full-season nesting baseline of endangered sea turtles.

Ten years of sea turtle nesting activities at Gnaraloo Bay (All species)



**68 FLIPPER TAGGED TURTLES** to inform loggerhead population studies in an area that was previously understudied.

**12 SATELLITE TAGGED TURTLES** revealing for the first time the migratory routes and foraging grounds of the Gnaraloo sea turtles.



CONTRIBUTING TO THE SCIENTIFIC COMMUNITY'S UNDERSTANDING OF TURTLE MIGRATIONS IN AUSTRALIA.

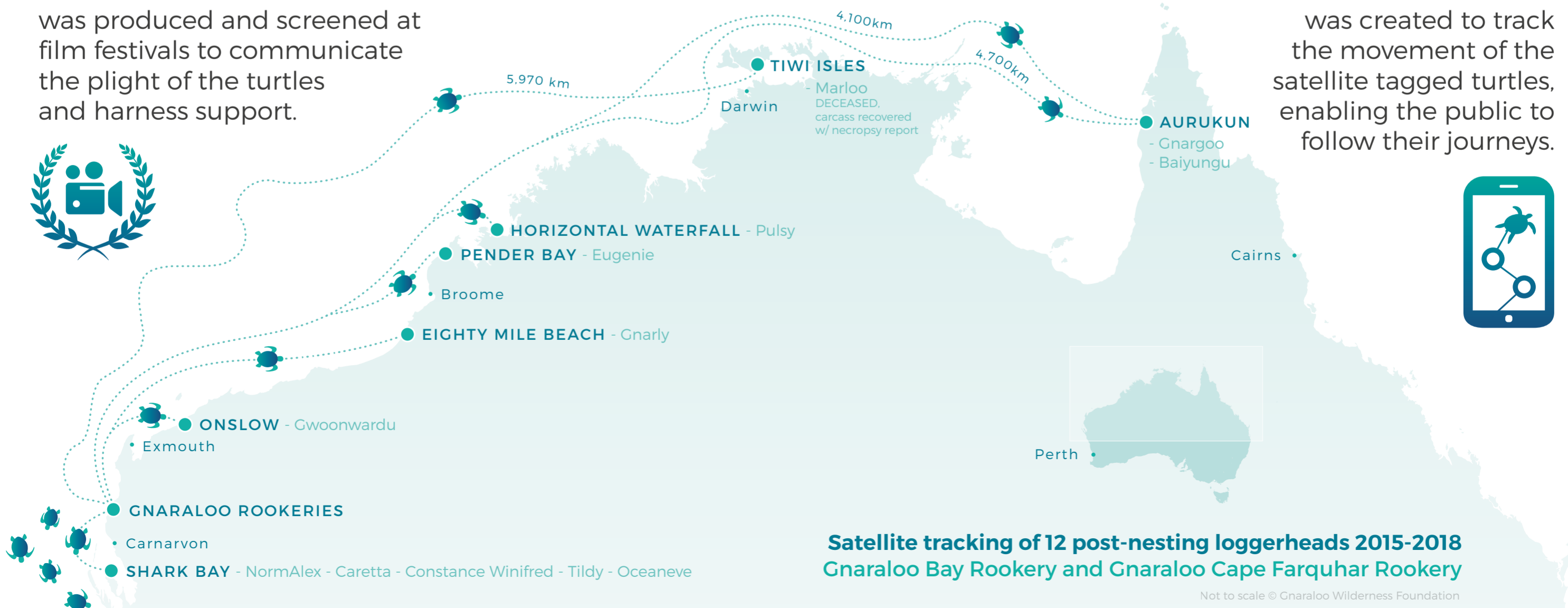
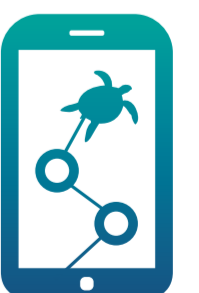
### AN AWARD-WINNING DOCUMENTARY THE MYSTERY OF THE GNARALOO SEA TURTLES

was produced and screened at film festivals to communicate the plight of the turtles and harness support.



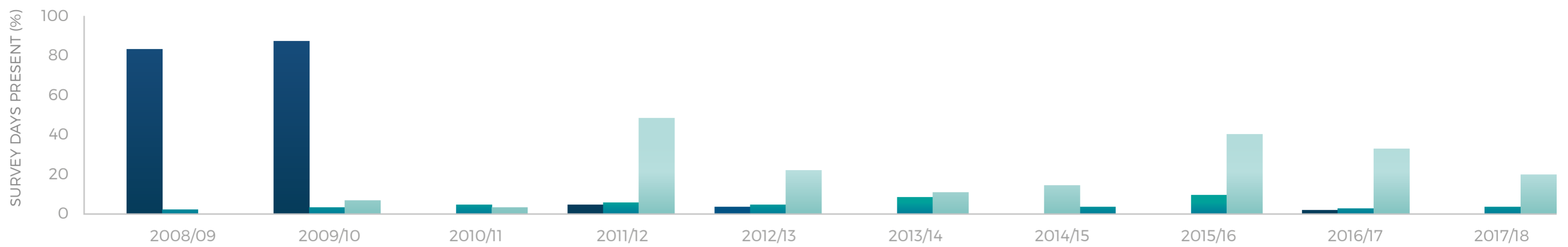
### A SMARTPHONE APP TURTLE TRACKER

was created to track the movement of the satellite tagged turtles, enabling the public to follow their journeys.



# FERAL ANIMAL CONTROL

Ten years of feral animal presence in Gnaraloo Bay sea turtle nesting area



**300,000 EGGS**  
SAVED FROM FERAL PREDATION SINCE 2010

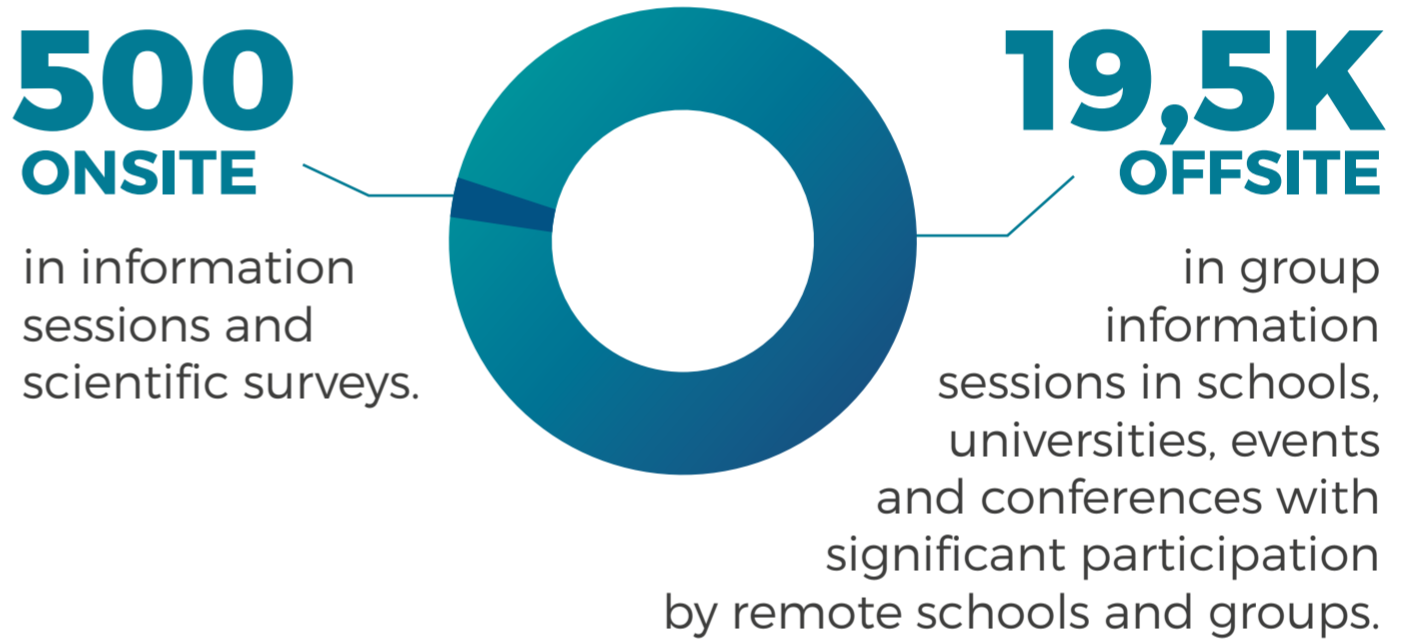
The predation of turtle eggs by feral animals at Gnaraloo Bay was stopped, resulting in **100 %** PROTECTION OF SEA TURTLE NESTS FROM 2010 - 2018.

## COMMUNITY ENGAGEMENT



PARTICIPATION OCCURRED AT GNARALOO, WESTERN AUSTRALIA AND AUSTRALIA WIDE, AS WELL AS OVERSEAS.

**20K** PEOPLE ENGAGED directly, face to face, to provide education and information about sea turtle conservation and feral animal control.

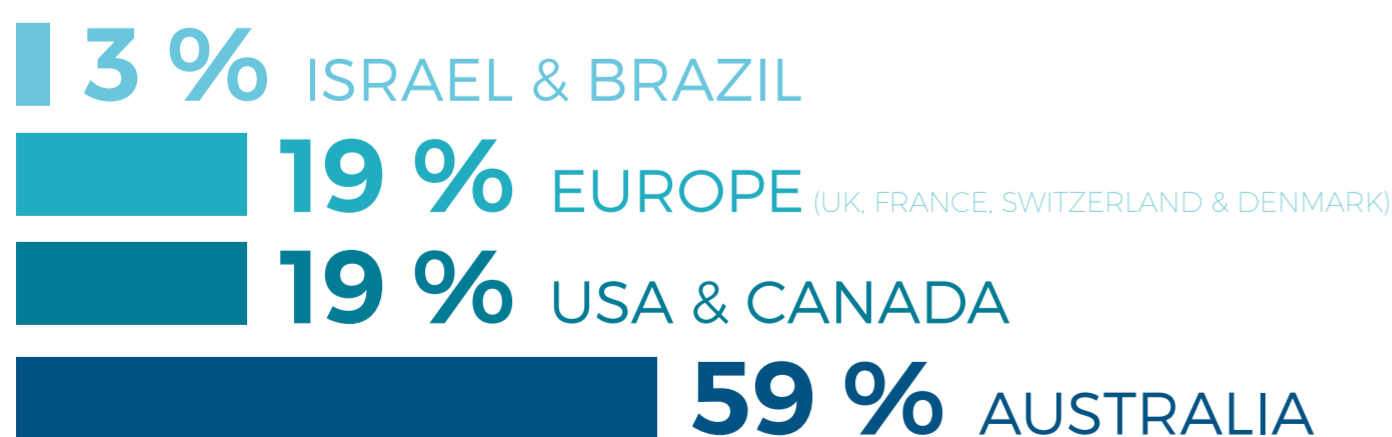


**5,6K FOLLOWERS** The GWF established a well-respected social media and online presence, enabling people to follow and support our programs, download reports, comment on and contribute to our work.

## JOB CREATION & SKILLS DEVELOPMENT

**64 SCIENTISTS** were provided jobs, internships and learning opportunities in a competitive industry where opportunities are scarce.

THESE CANDIDATES WERE FROM



These figures exclude the graphic design, communications, social media, mechanical, logistical and accounting professionals who supported the GTCP during the same period.

## BE A TURTLE FRIEND

In 2018, the Gnaraloo Wilderness Foundation set up the "Be A Turtle Friend" fund raising campaign to raise money to continue this valuable conservation work.

[gnaraloo.org/be-a-turtle-friend/](http://gnaraloo.org/be-a-turtle-friend/)

[www.gnaraloo.org](http://www.gnaraloo.org)

[f](https://www.facebook.com/gnaraloo) [i](https://www.instagram.com/gnaraloo) [t](https://twitter.com/gnaraloo) [v](https://www.youtube.com/gnaraloo) [You Tube](https://www.youtube.com/gnaraloo) @gnaraloo [f](https://www.youtube.com/gnaraloo) @turtlesgnaraloo

Details in the 10-year report: Hattingh, K., Bosshard, S., Concannon T., DeSerisy T., Shipp, H., and Soulsby, M. (2018). Gnaraloo Turtle Conservation Program. Gnaraloo Bay Rookery and Gnaraloo Cape Farquhar Rookery, Report 2008 - 2018.

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