

STCB HIGHLIGHTS: 2018

Presented to the WIDECAST Annual
Meeting 2019



Bon dia!

I AM KAJ SCHUT



S7CB Highlights

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1. NEW METHODOLOGIES
 2. NEST MONITORING
 3. SATELLITE TRACKING

A large sea turtle is lying on its side on a boat deck, resting on a large, colorful striped bag. Several people are standing around the turtle, and one person is holding a red digital scale. The turtle's head is turned towards the right, and its mouth is slightly open. The background shows the boat's structure and a clear sky.

1. RESULTS NEW METHODOLOGIES

Transect-count & net-capture surveys

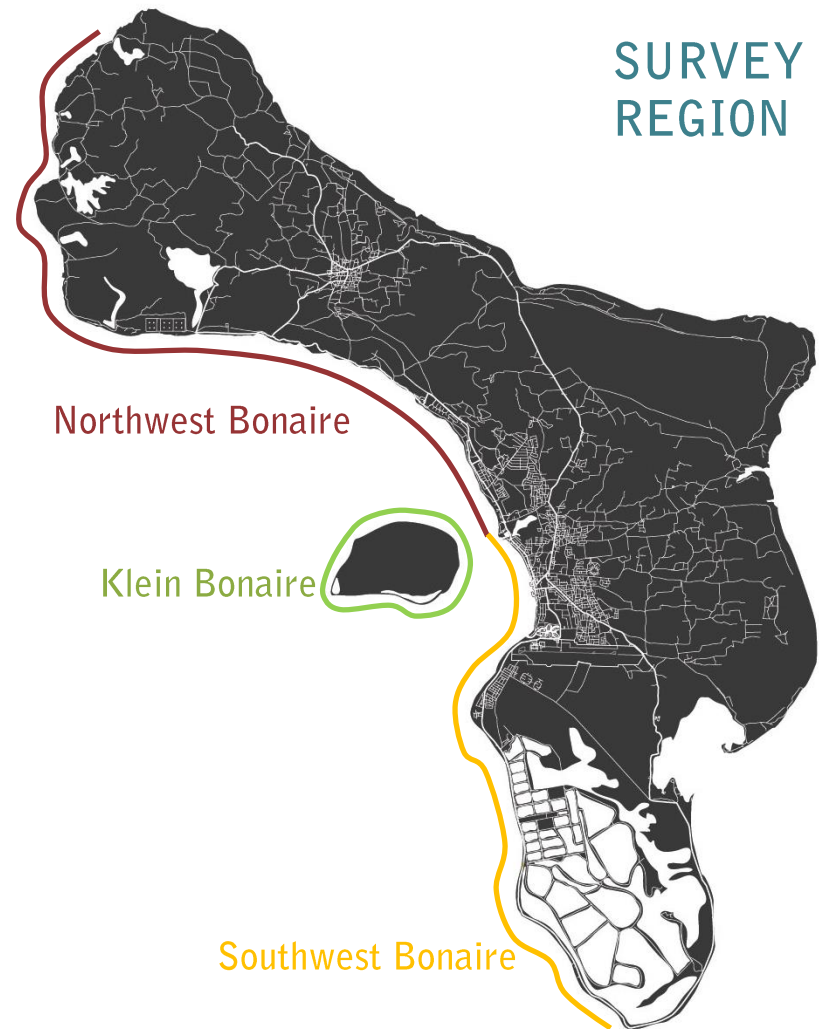
New Survey Design

Why?

- ❖ More accurate survey data
- ❖ Publish scientific articles
- ❖ Build credibility
- ❖ Obtain funding
- ❖ Continue collecting data
- ❖ Take well-informed management decisions



Transect-count surveys

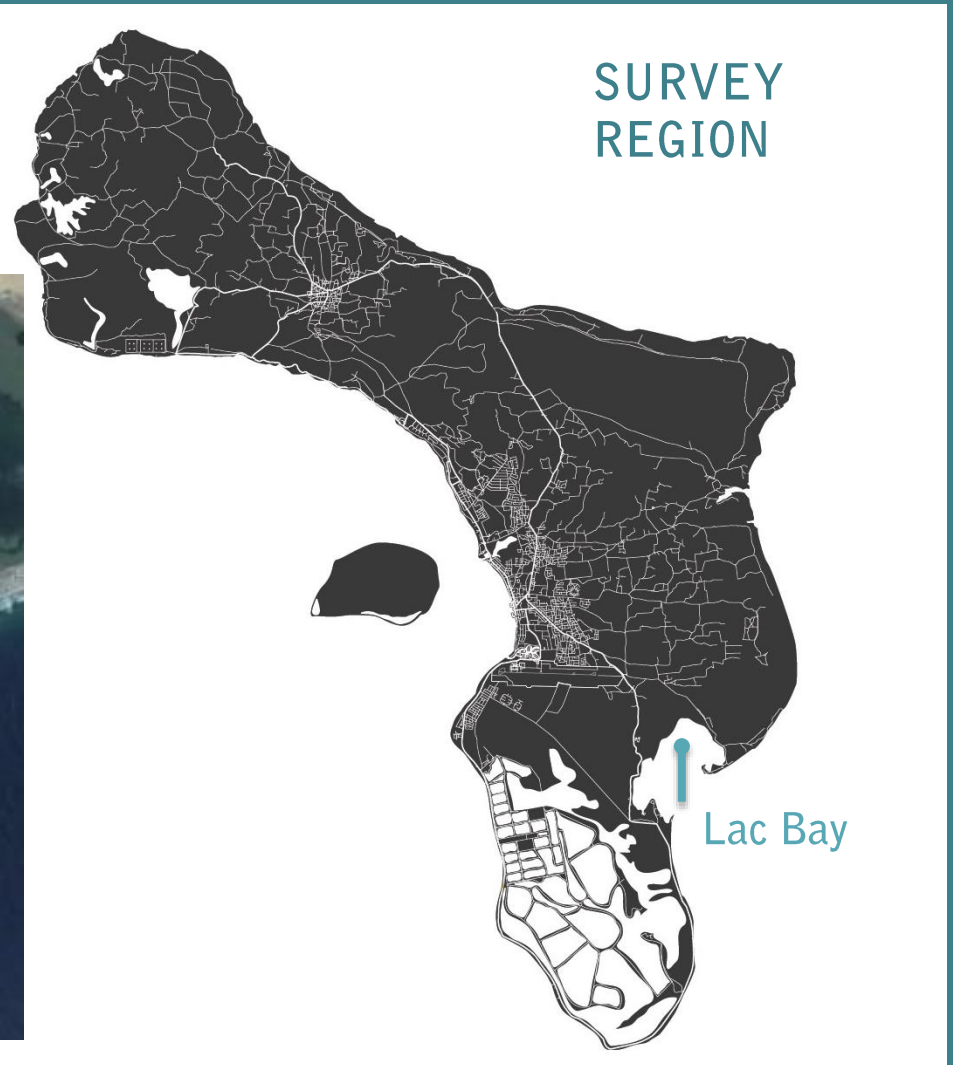
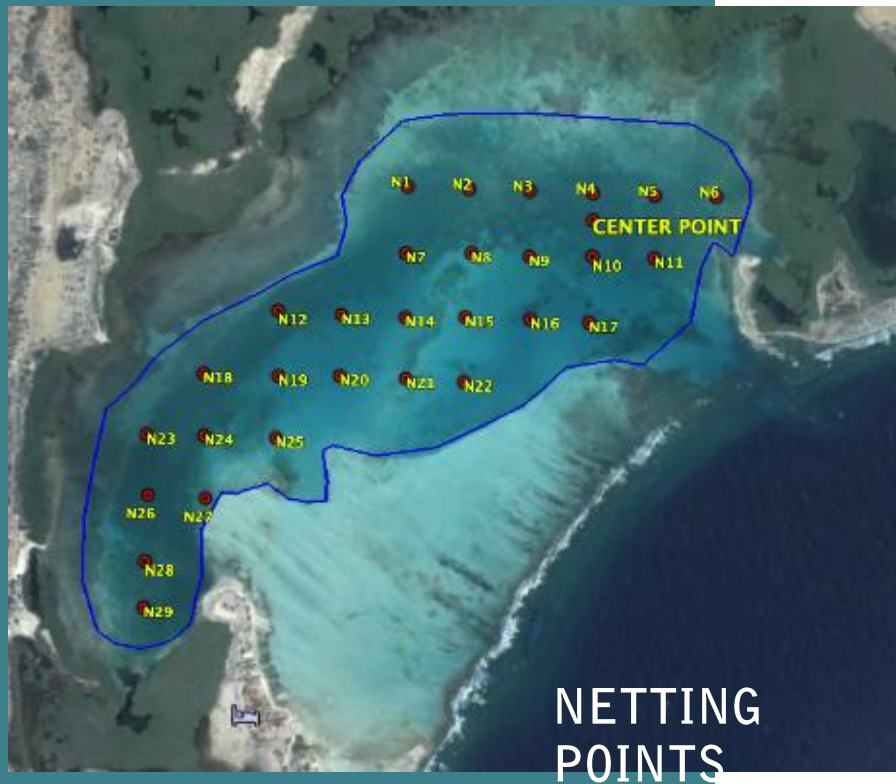


Transect-count surveys

2018	# OF TURTLES DETECTED	DETECTION PROBABILITY	ABUNDANCE
GREEN TURTLE	288	0.411	701
HAWKSBILL	28	0.393	102



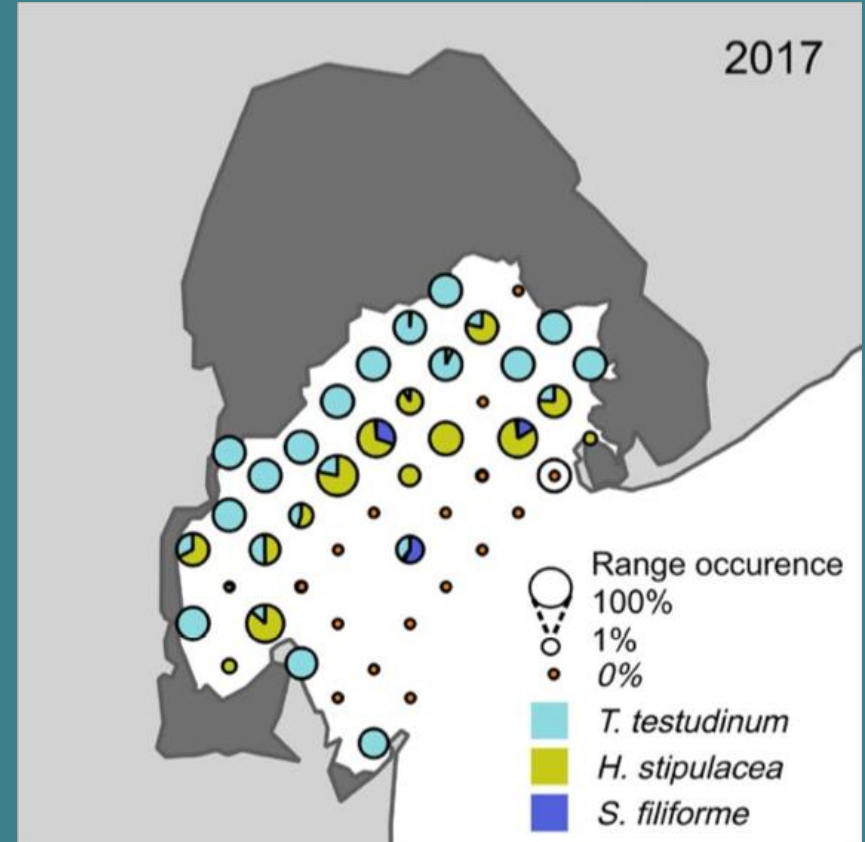
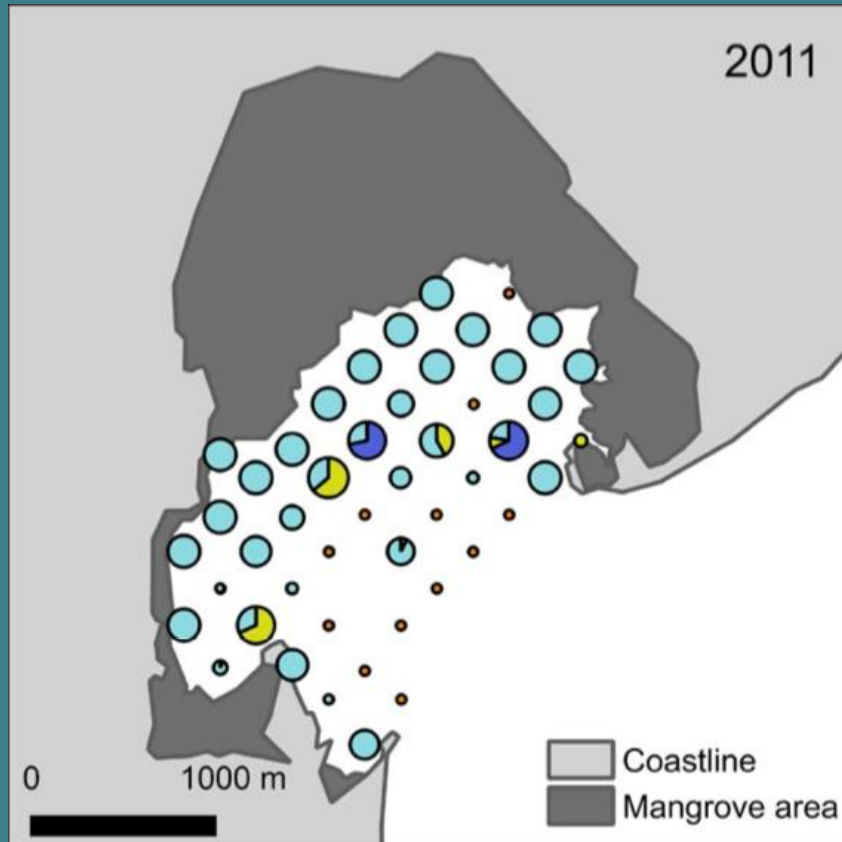
Net-capture surveys



Net-capture surveys

2018	# OF TURTLES CAPTURED	CAPTURE PROBABILITY	ABUNDANCE
JUNE-AUGUST	103	0.085	549
OCTOBER-DECEMBER	93	0.071	529

Invasive seagrass Lac Bay

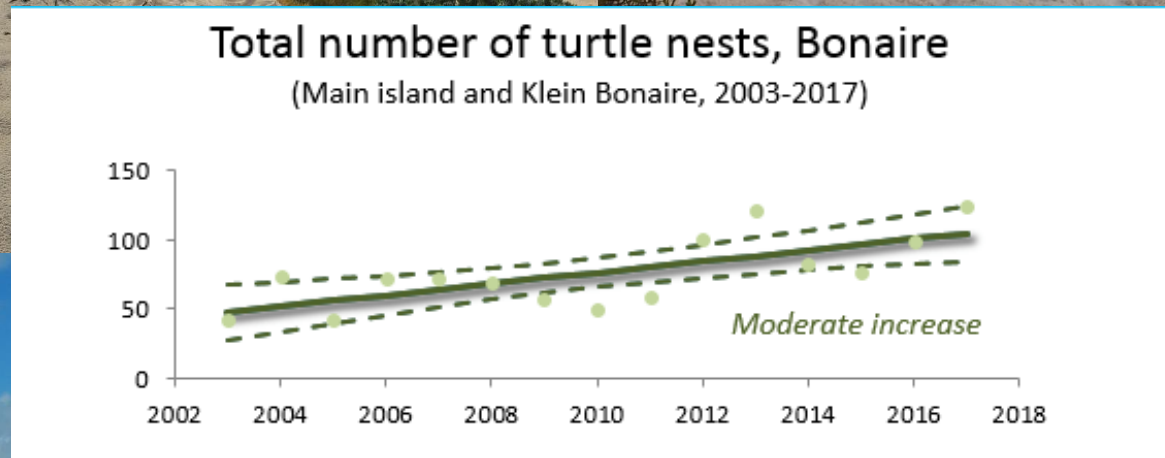
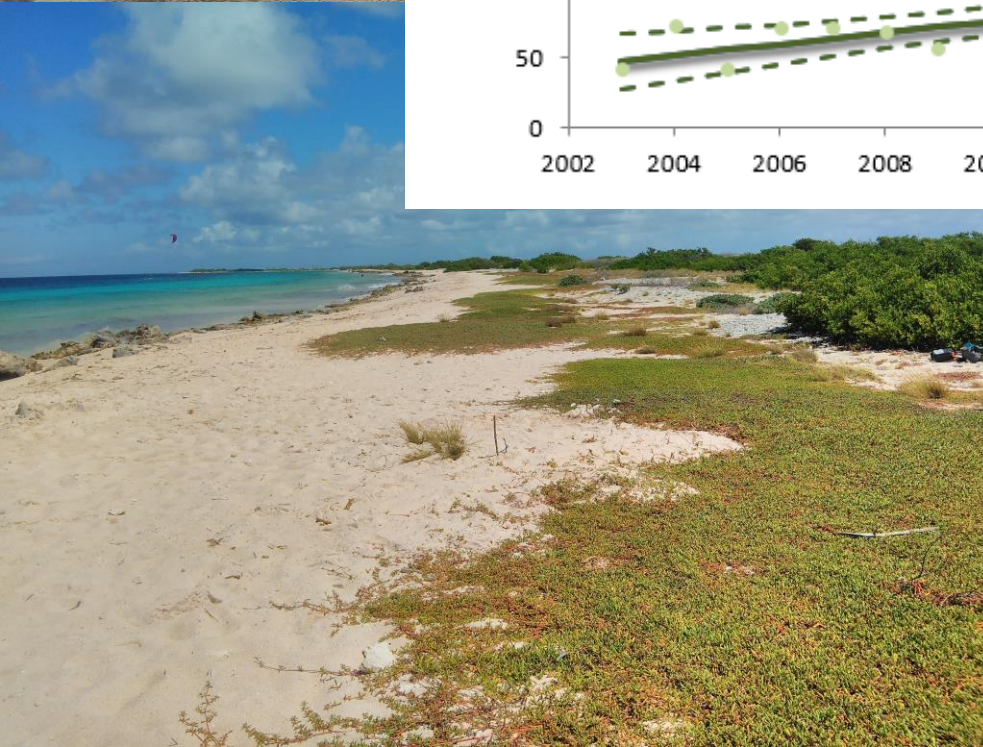


Marjolijn J.A. Christianen et al, 2018
"Megaherbivores may impact expansion of
invasive seagrass in the Caribbean"

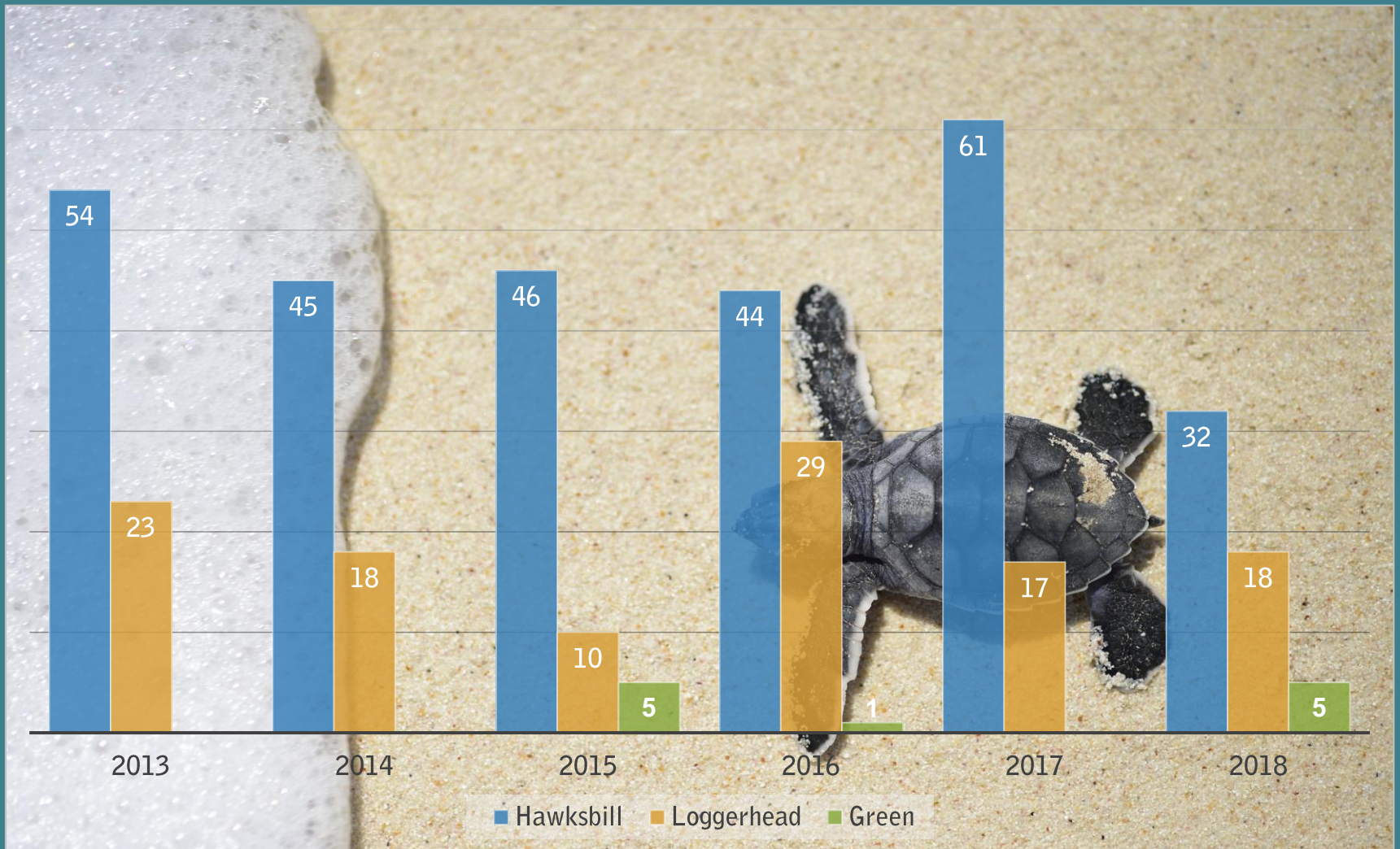


2. NEST MONITORING

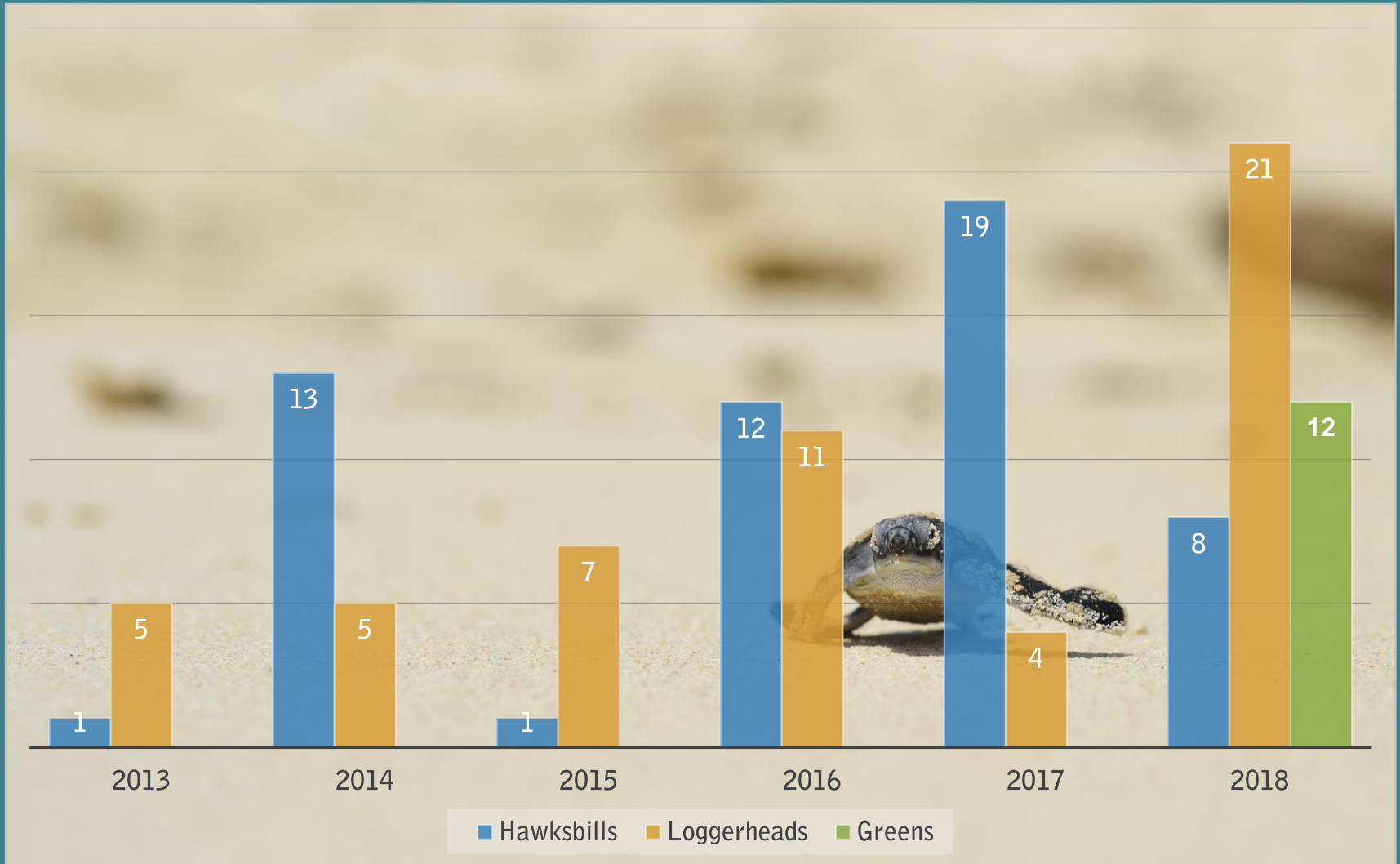
Bonaire & Klein Bonaire



of nests on Klein Bonaire



of nests in south Bonaire





3. SATELLITE TRACKING

'Bonni'

Previously tracked turtles





'Bonni's' journey



Thanks!

ANY QUESTIONS?

