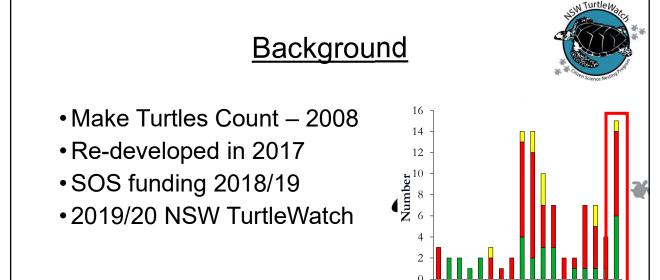


Acknowledgement of Country

Sea turtle hatchling release at Fingal Head, May 2021

Photo Credit: Ashi Hilmer



Season

3

# Importance - threatened species 1 out of 1,000 will survive to reach maturity

### **Species**

- Green turtle(Chelonia mydas)
- = Vulnerable
- Loggerhead turtle (Caretta caretta)
- = Endangered



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# Importance - threatened species - impacts of global warming - human interference 1 out of 1,000 will survive to reach maturity

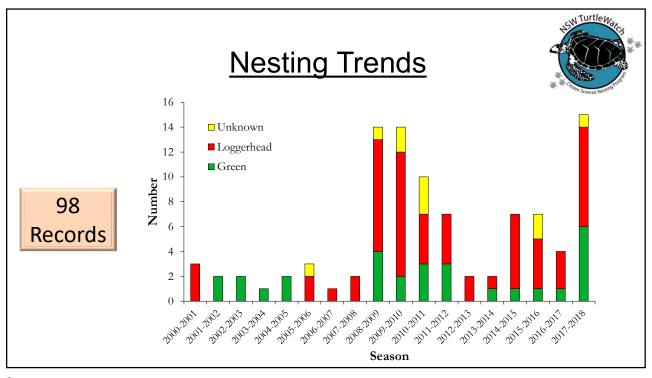


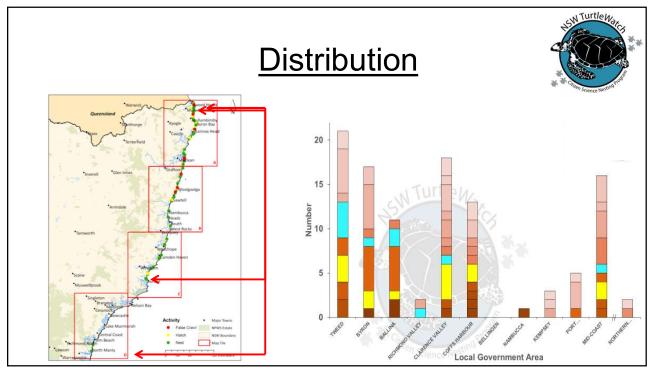
### **Historical Review**

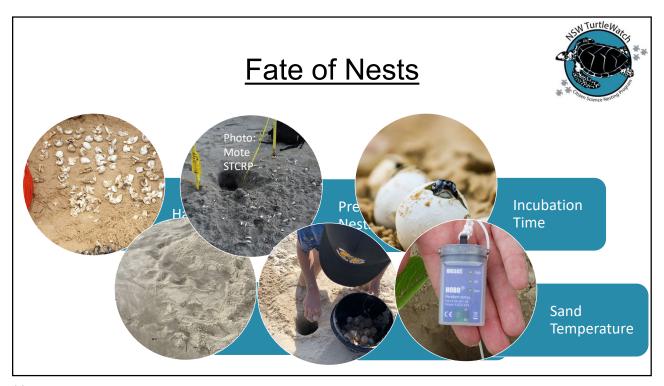
- Trends
- Distribution & Density
- Fate of Nests

7



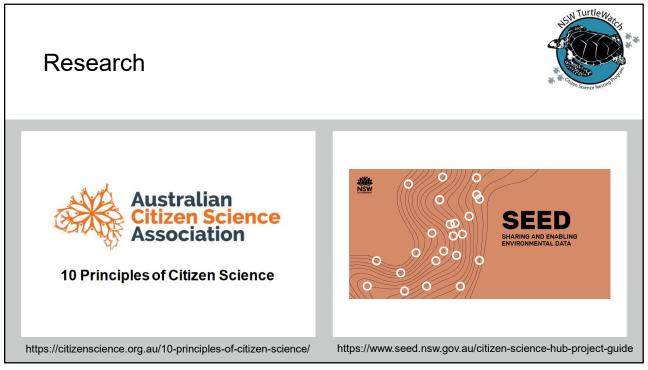












## **Development**



- Citizen Science
  - Community Engagement
- Nest Monitoring

- App Launch
- Communication and Engagement Plan
  - Nest Monitoring Guidelines

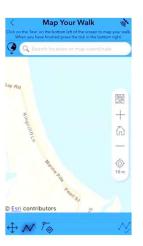
15

### App Launch

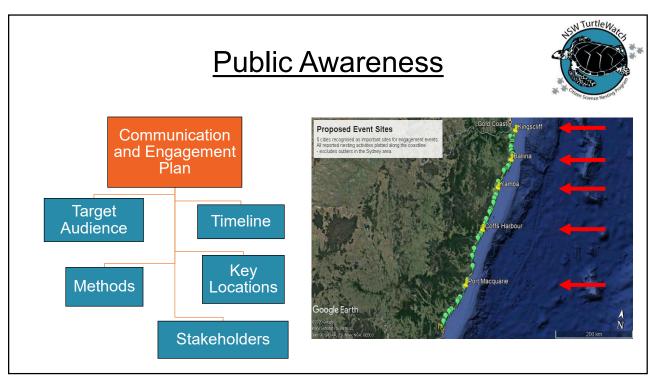








Threats		
Please select all walk:	threats observed during	g your
Marine Debri	is	
Yes	No	
₩ Domestic An	imals	
Yes	No	
X Native Predat	tors	
Yes	No	
🙈 Vehicle Impa	cts	
Yes	No	
T Vegetation		
	on found along the majority of t us identify areas that may be im	
grass low	shrubs medium to	all trees

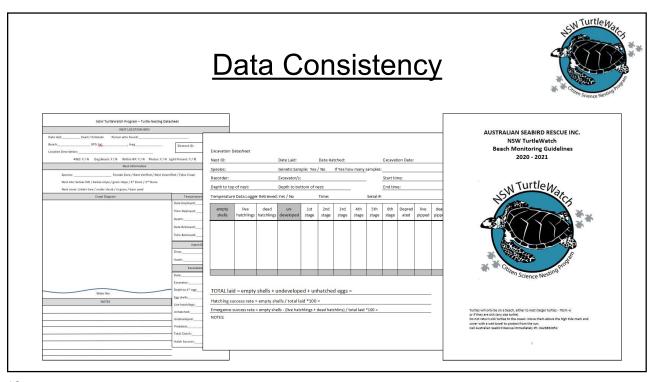


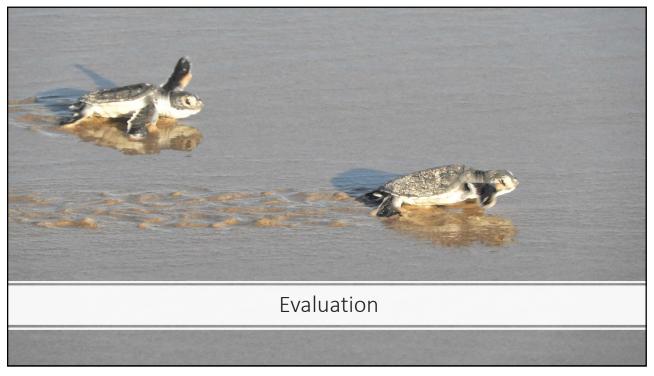
## **COVID-19 Response**



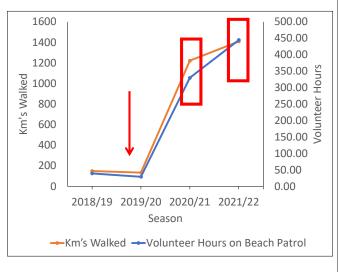
- Small group beach cleanup events.
- Online training tutorials.
- Monthly newsletter updates.



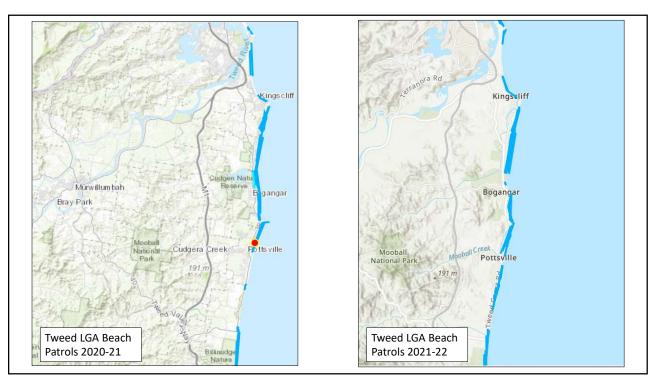




### Citizen Scientist Participation 300 Number of Volunteers 250 200 150 100 50 0 2018/19 2019/20 2020/21 2021/22 Season ■ Reported a Beach Patrol ■ Number of Volunteers



21

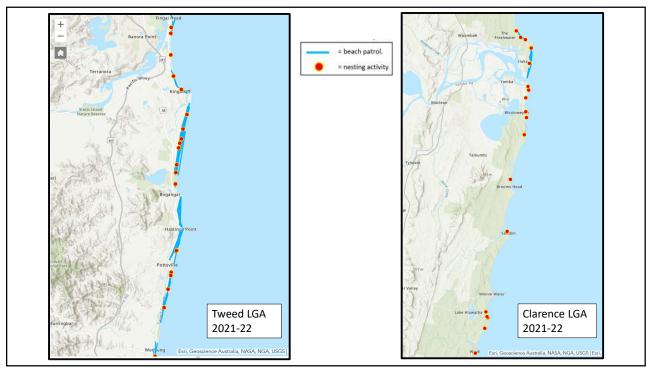


## **App Evaluation**

- Increase in reporting through App.
- Reporting of nesting activities.
- Feedback requested.
- Rubbish collected reported to Tangaroa Blue.
- Increased reporting of light pollution parameters.



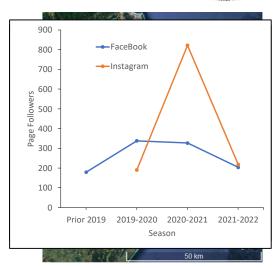
23



### **Engagement Assessment**



- Public Surveys.
  - ➤ Showed increased awareness of sea turtles and threats.
- Media doubled from 2019/20 to 2020/21 season.
- Social Media Reach increased by 10k



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## Nest Management Achievements



- Full data parameters collected for nest site.
- Deployment of temperature data loggers.
- NPWS involvement and feedback.
- 2021/22 season 4 relocated nests, 69-98% hatch success.







