

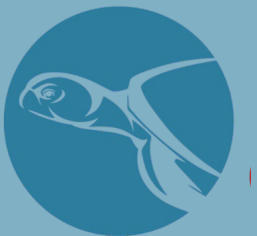
# FibroPapillomatosis (FP) around Curaçao (update)

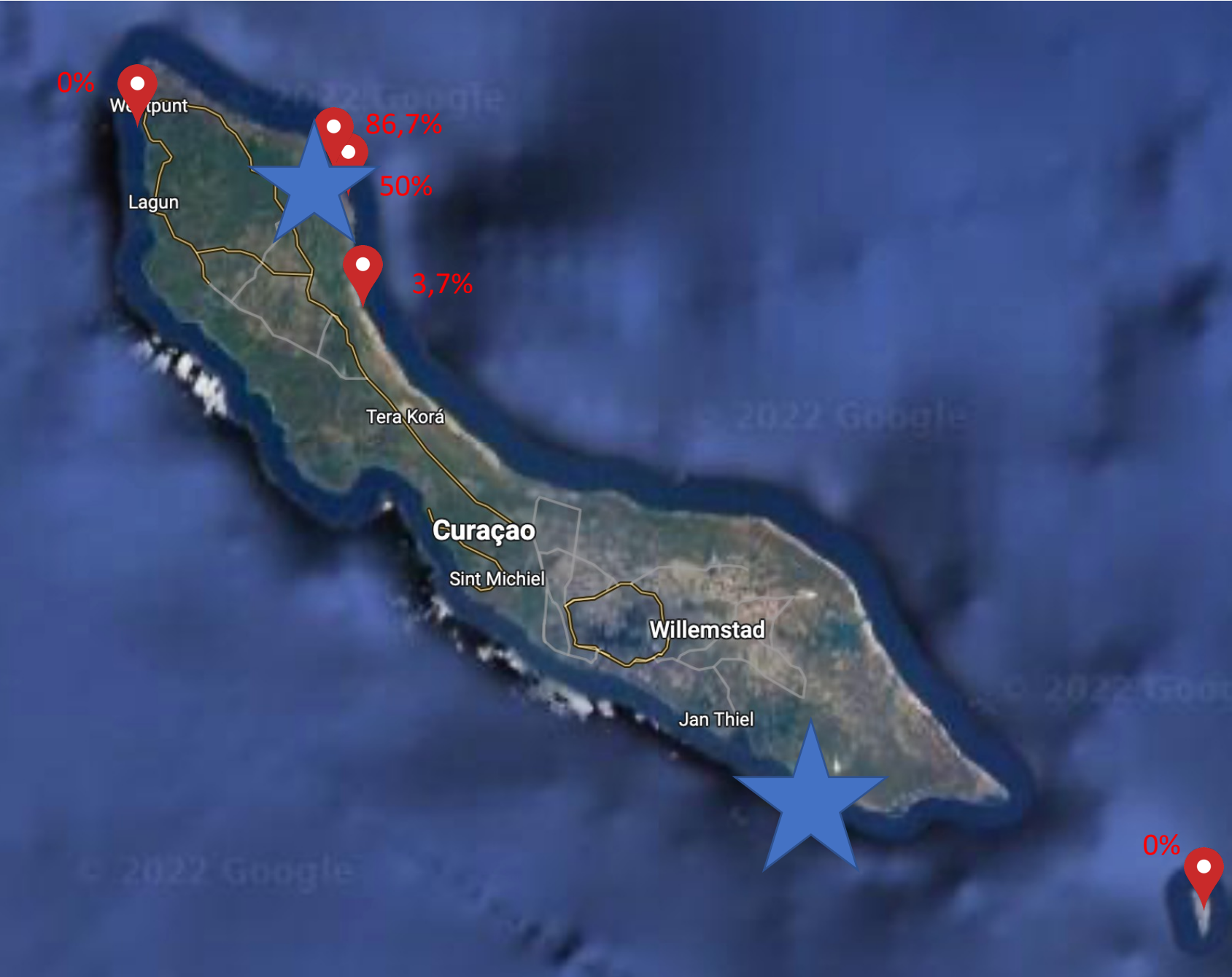


**Jefferson**  
Philadelphia University+  
Thomas Jefferson University

# Status on Curaçao

- Last 4 years FP poses a threat
- 2 Areas where infestation is >90% **2023: 100%**
- Drastic decline in sea turtles, **2023 21 dead ones found**





**Playa piscado 0%**

**Boka bartol 50%**

**Playa assencion 3,7%**

**Boka grandi 86,7%**

**Klein Curacao 0%**

**Caracasbaai 54 %**

**2019**  


---

**2023 100%**

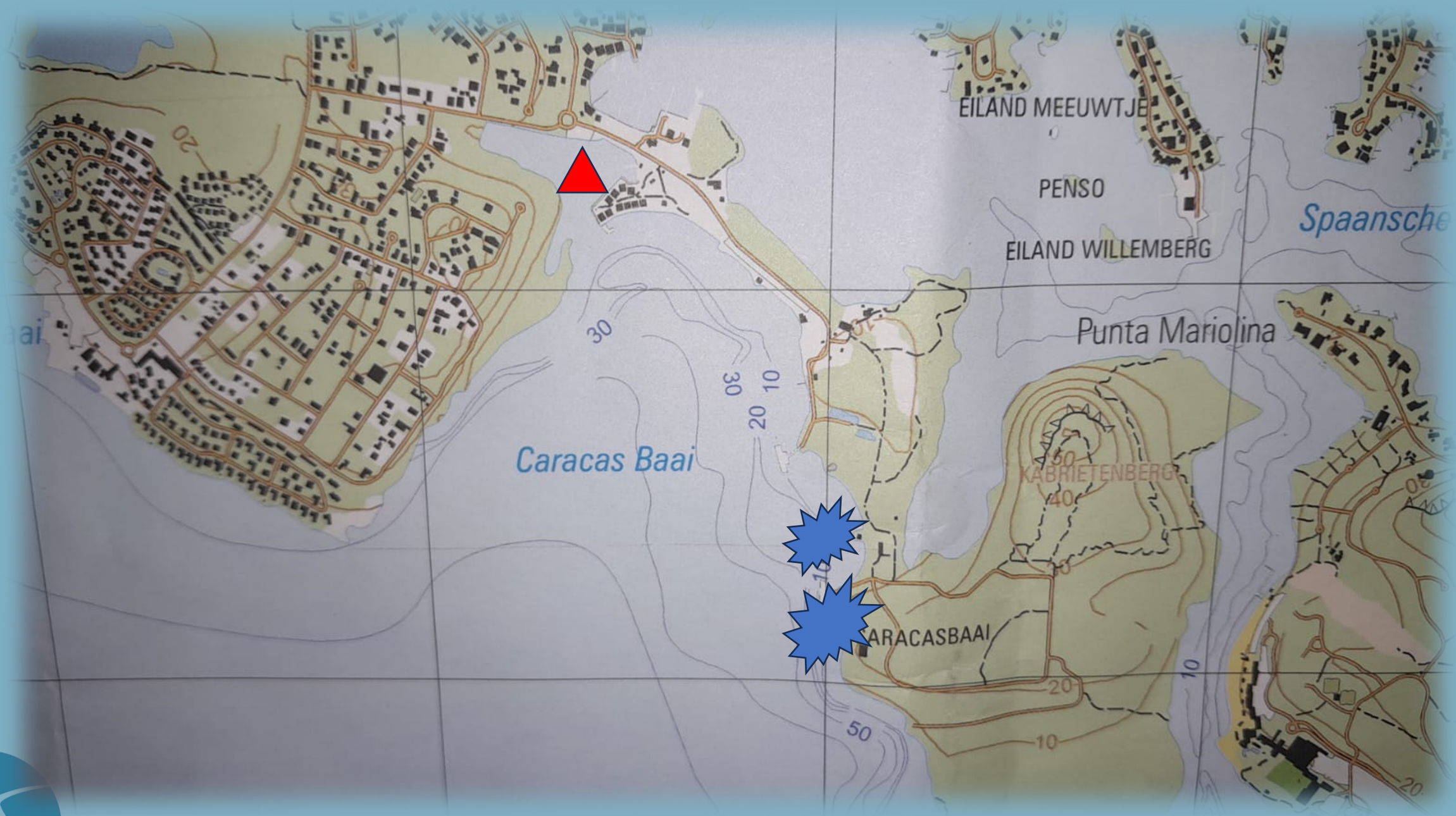
# Hypotheses

*Sabine berendse - 2019*

- 1940 first FP situation
- 70% infection rate  
Increasing to 92%
- The Seagrass effects the turtles health
  - Grow in polutted water
  - Absorb nutriënts from it
  - End up in body's of young turles
  - Lowers resistance → Tumours are expressed



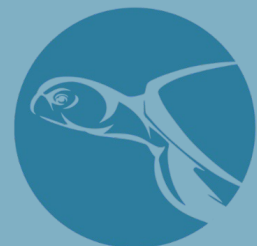
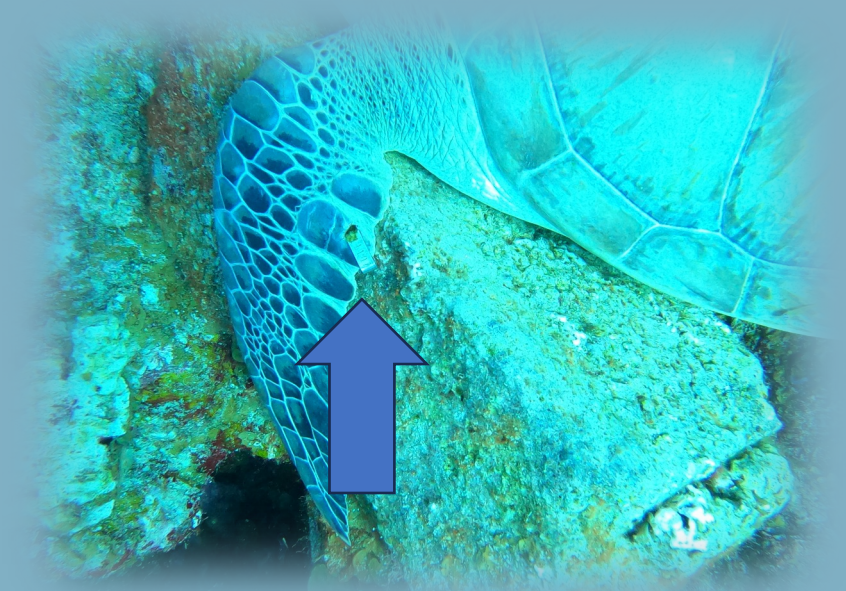




# Actual research

- Netting sessions to estimate size of population and % infected
- Defining homerange and foraging patterns by using radiotransmitters and gps
- Tracking turtles through Facial Recognition (dive community)
- Investigating seagrass beds
- Creating awareness











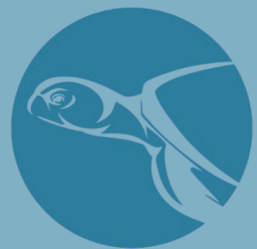




228









## Actual:

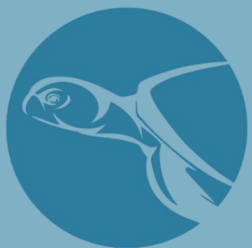
- Around 600 Injured turtles estimated
- Turtles suffering FP treated: 5 in 2023
- Survivors: 3
- All transmitters lost, but data collected





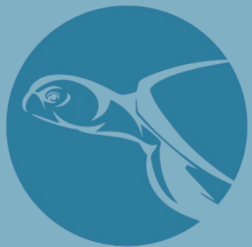
# Improvements:

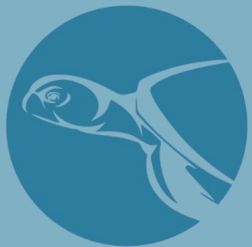
- Dive rescue method (max 100 feet) developed
- Strong relation with diveschools (reports on fp)
- Sea turtle specialty for ISS and PADI



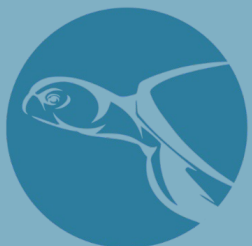


# Near future options:





# Preserving the past, securing the future



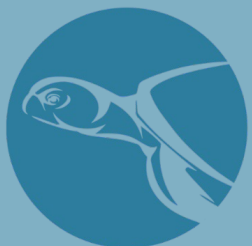
Awareness, conservation, legal and development





## Goals of the project

The project aims to create as much value as possible to advance better management of the waters around the island; development of long-term marine monitoring protocols; enhancement of public awareness; while at the same time contributing to the 2030 Agenda of Sustainable Development Goals contained in the Development Plan of Curaçao 2015 -2030.



GOBIÈRNU DI KÒRSOU



resembid