



Satellite tracking of New Caledonia sea turtles:

A tool to identify key habitats and management responsibilities at a regional level



Marc Oremus – 30st Novembre 2022



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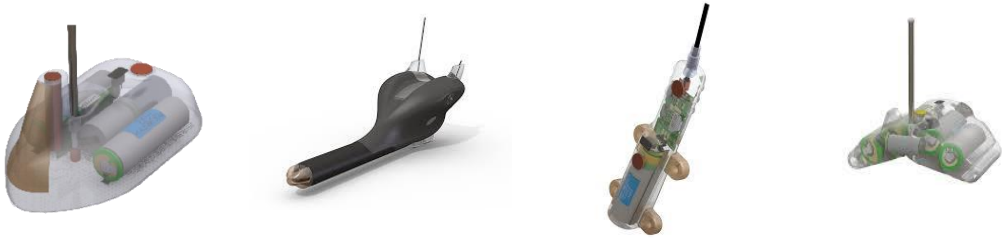
Local protection is good ! Global protection is better!



Unrevealing the secret life of migratory species



Satellite telemetry to the rescue



A variety of tools are now available!

However, some limitations still exist:

- Cost
- Fieldwork

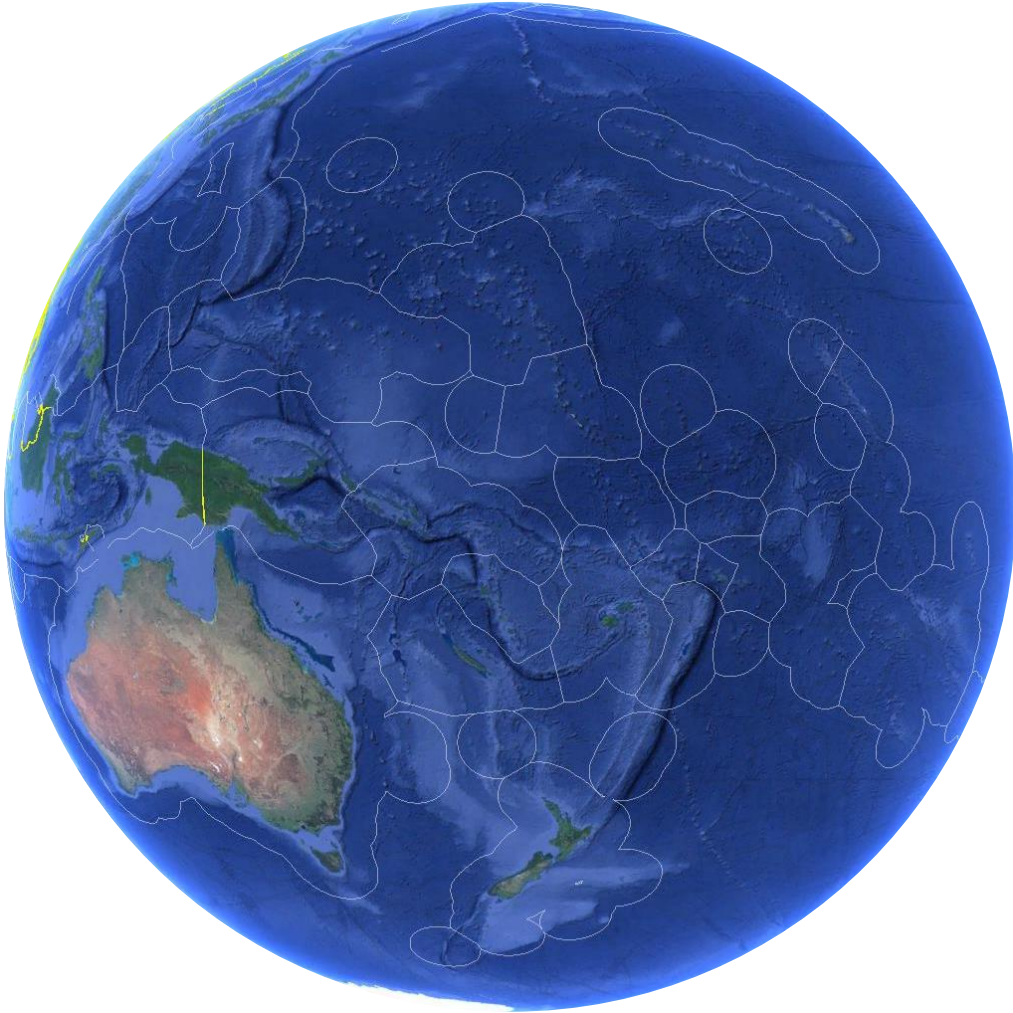


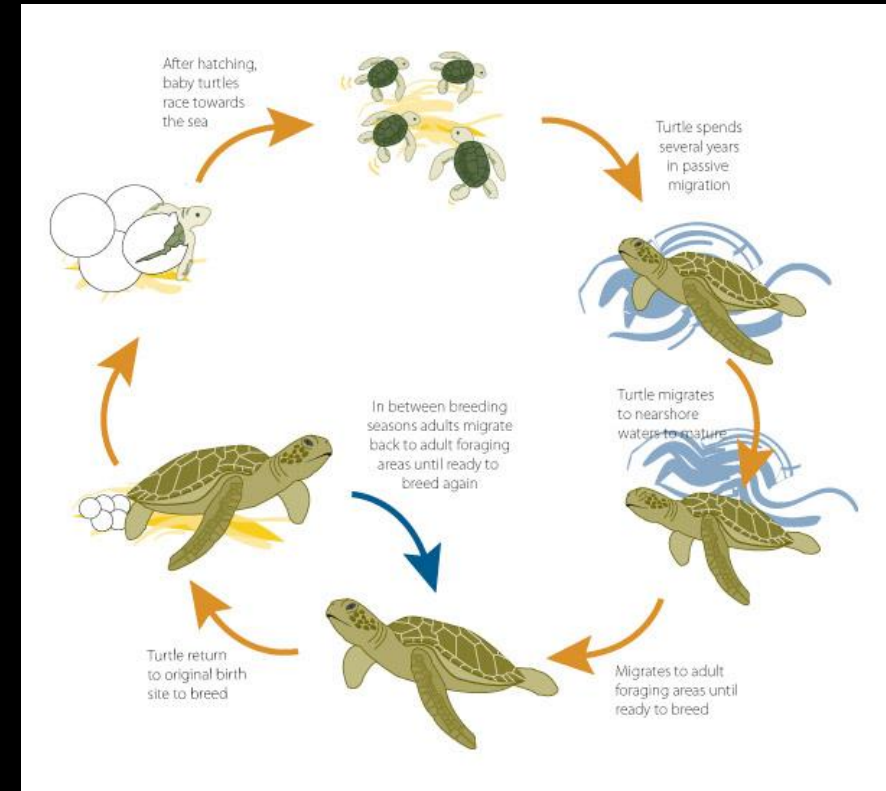
What do we need to know ?



To protect migratory species efficiently, we need to know:

- Where are the key habitats?
- What are the main threats?
- Who hold responsibility?



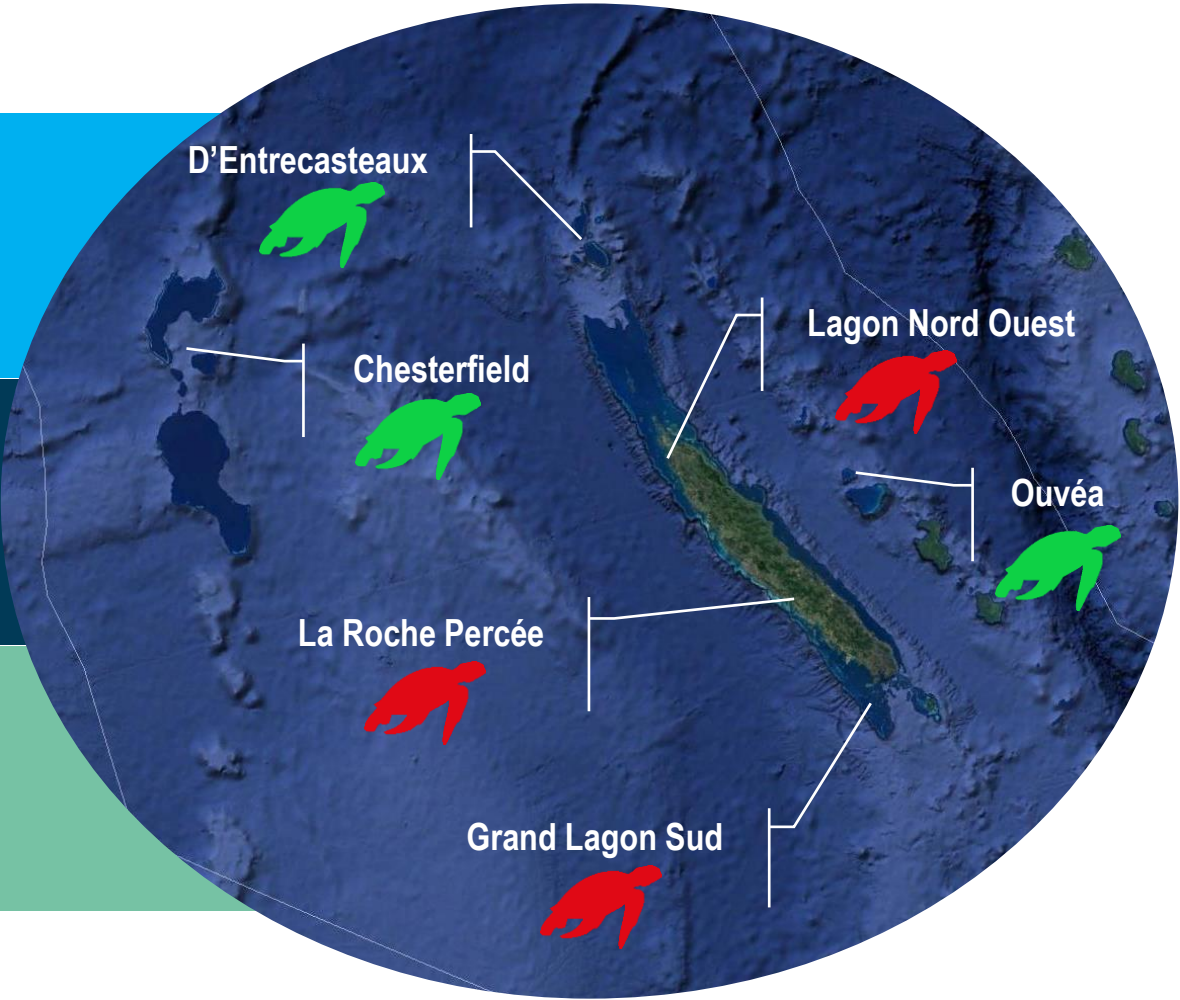


Life cycle of sea turtles

The SAT-NC project



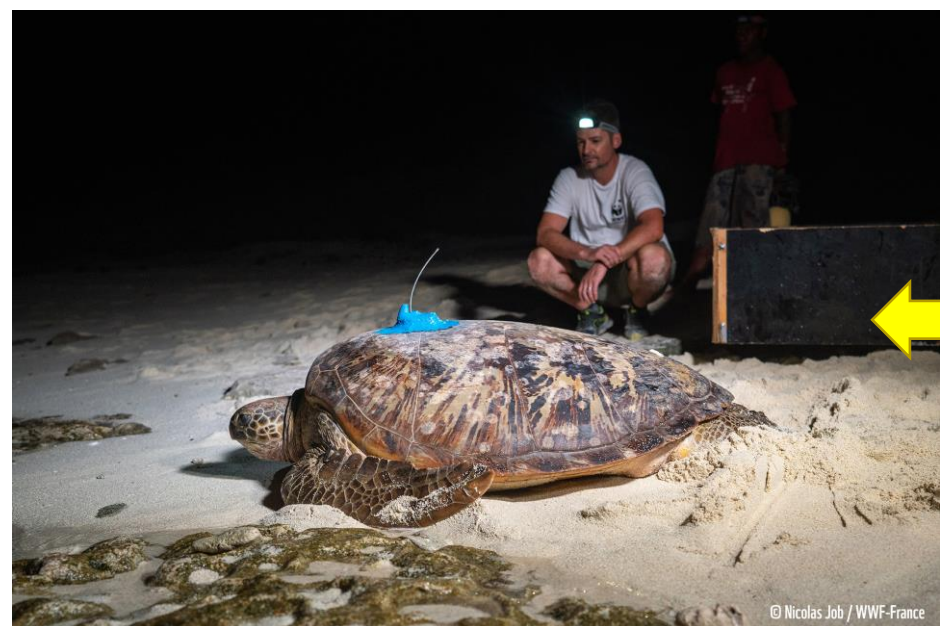
	2	Species : green turtle () and loggerhead turtle ()
	6	Major nesting areas
	80	Satellite tags deployed



Objectives

- Identify primary threats
- Confirm main regional stakeholders
- Make science-based recommendations





From New Caledonia to ...



Papua New
Guinea

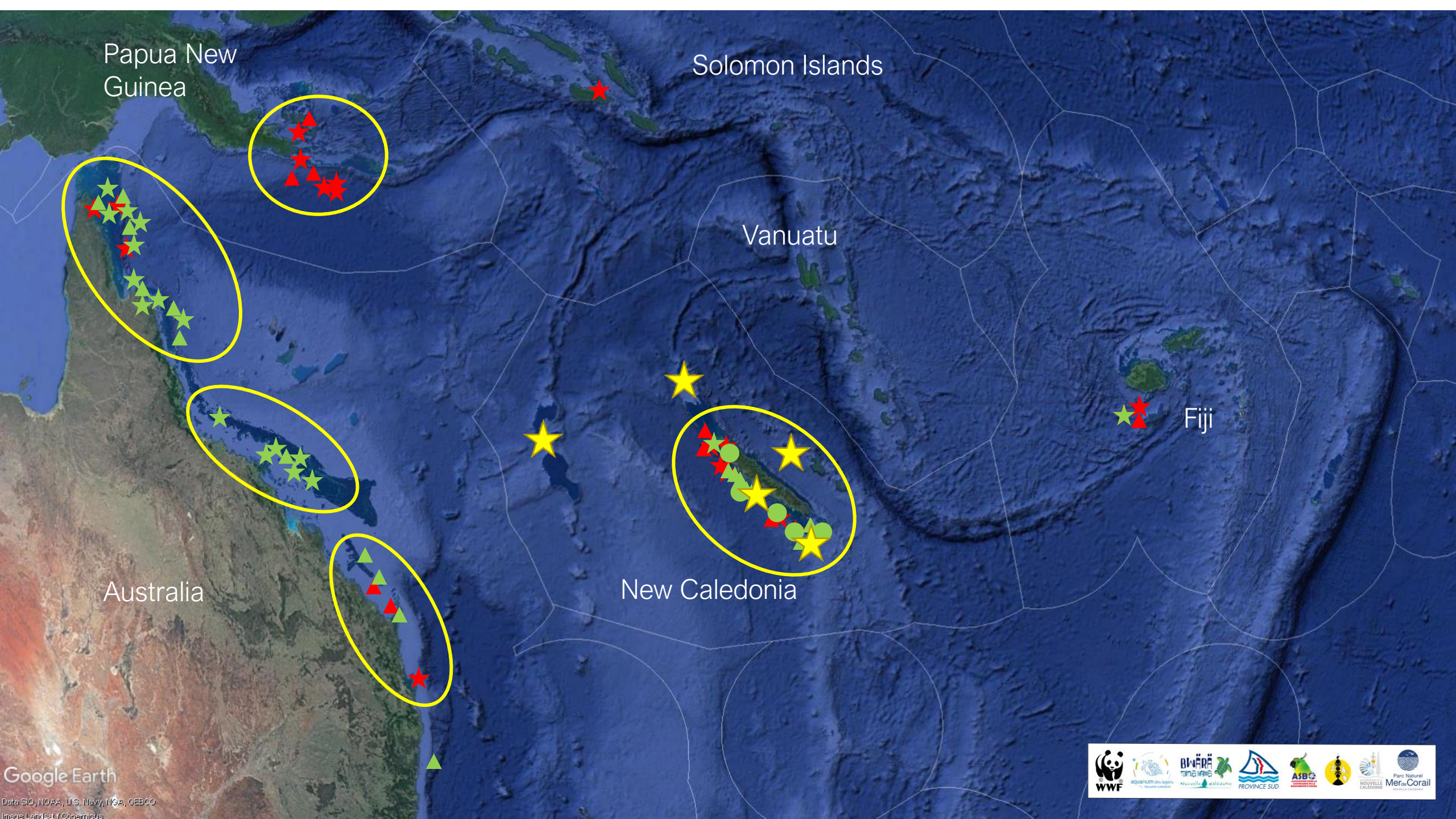
Solomon Islands

Vanuatu

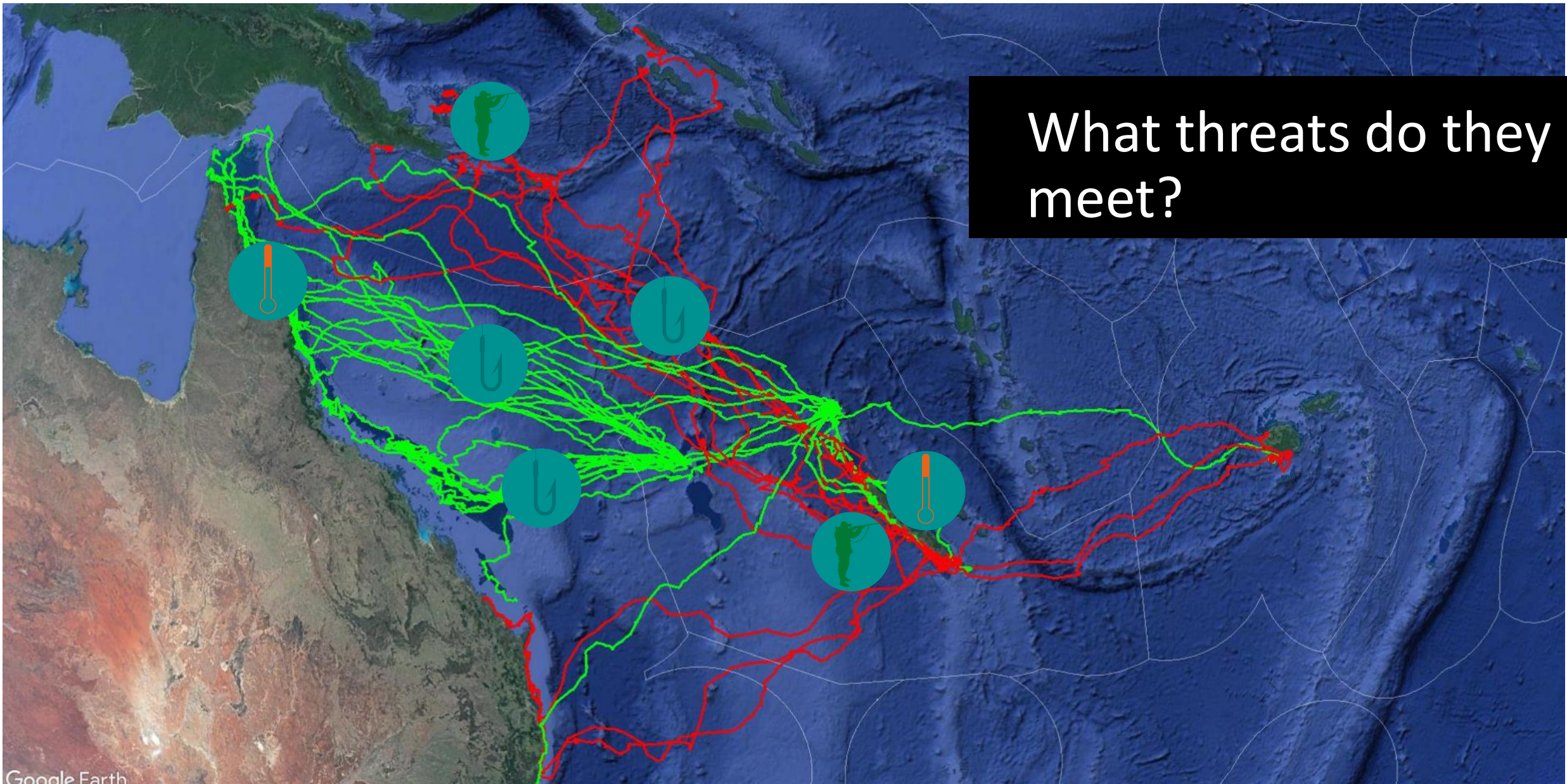
Fiji

Australia

New Caledonia



What threats do they meet?





This satellite tagging project has allowed to:

Map key habitats

Identify stakeholders in charge

Provide strong basis for threats analyses



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Collaboration with GEOREP:





Thanks !



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