



Tree Kangaroo Conservation Program in YUS, Papua New Guinea

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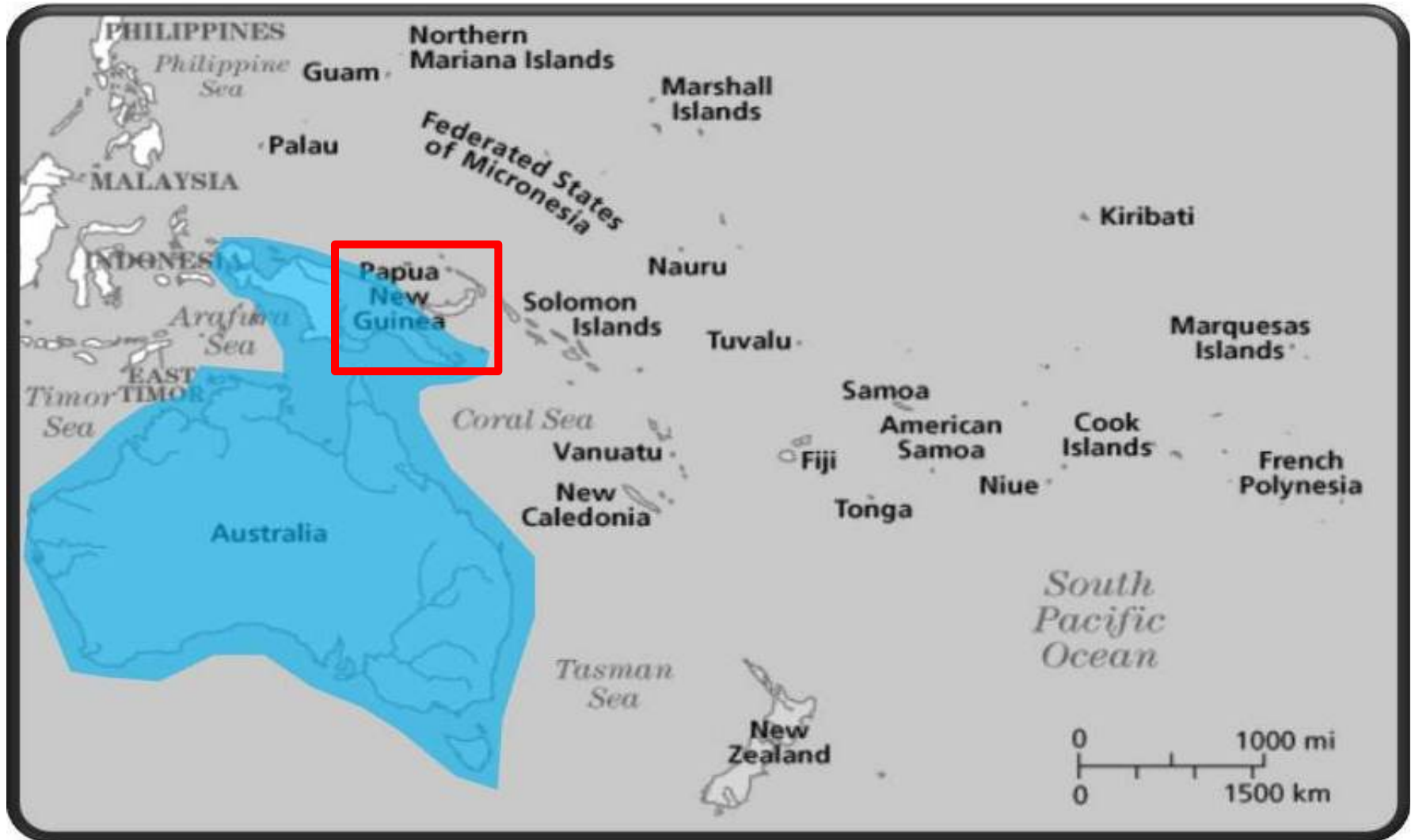
Alliance for Zero extinction: saving the most critical areas

Stream 1 – Reaching Conservation Goals

- YUS conservation area (CA) location
- History of TKCP & YUSCA
- Tree Kangaroo Conservation Program-
PNG (TKCP-PNG)
- Fauna of YUS conservation area
- Conservation priority species
- Conservation Area Management
Committee
- Management goals of TKCP-PNG
- Conclusions

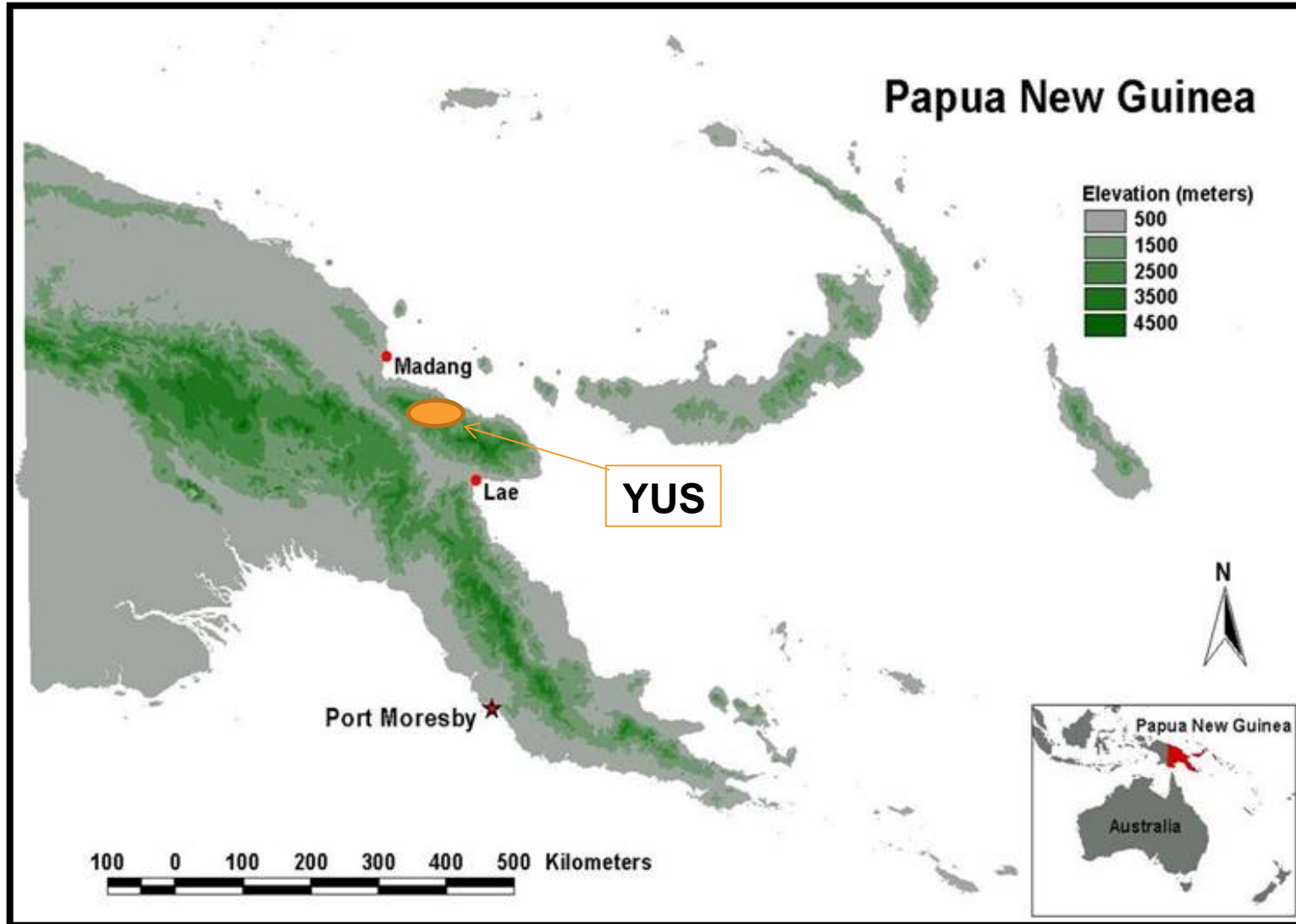


YUS conservation area



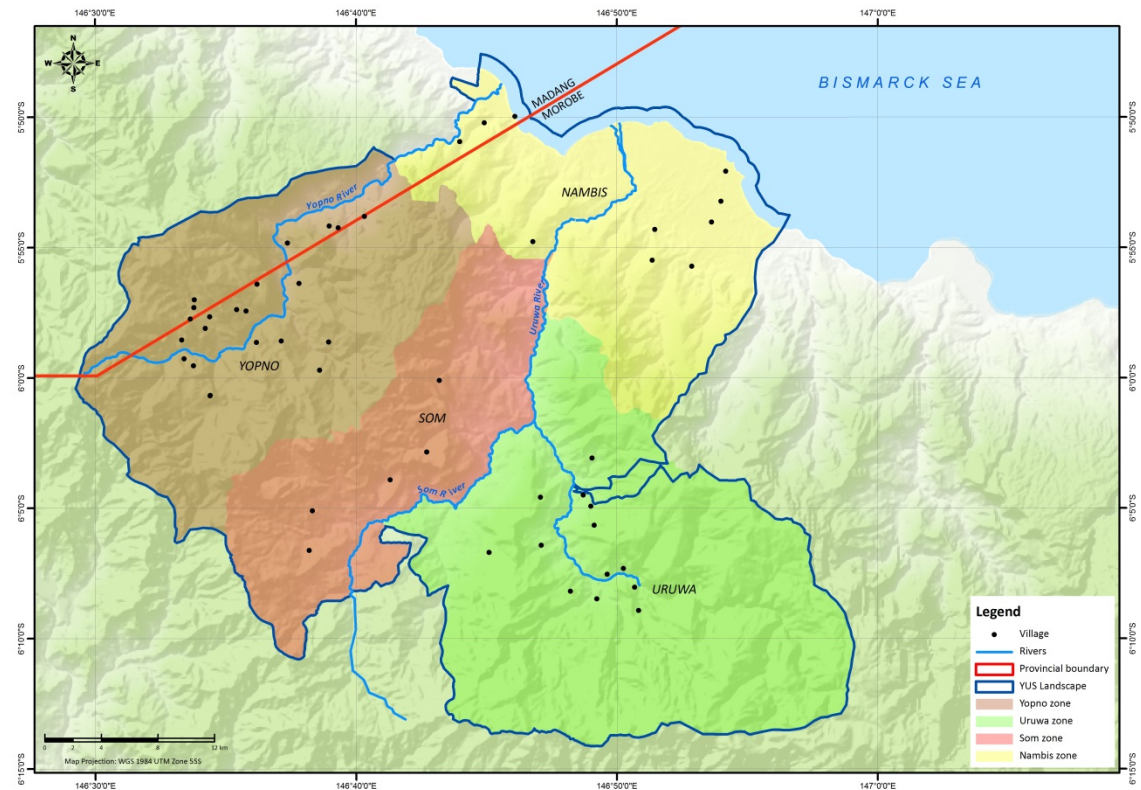


YUS conservation area



YUS conservation area

- YUS- **Y**opno, **U**ruwa & **S**om rivers
- Traditionally owned by natives
- 2 Provinces
- 4 Districts
- Ridge to reef conservation (4000m-sea level)
- CA act- only PA against extraction





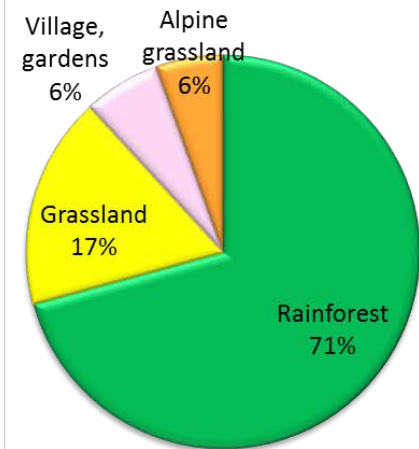
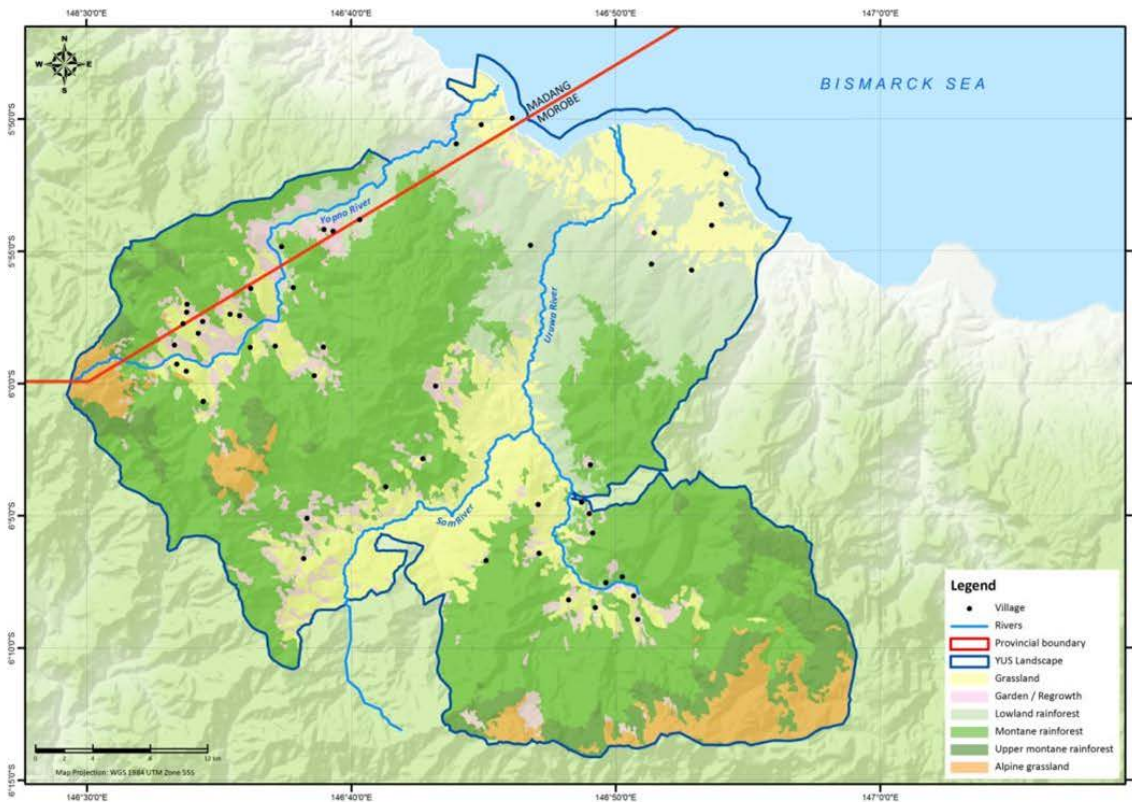
Tree Kangaroo research in YUS CA



- 1996- Dr. Lisa Dabek did research study on population, status, threats, and ecology of the Matschie's tree (endangered) kangaroo (MTK)
- Since day 1 , she worked with landowners & all levels of governments
- She identified two main threats as
 - 1) Habitat Destruction
 - 2) Hunting
- In order to conserve MTK, protecting habitat was seen as way forward
- Discussions move into a collection of discrete conservation actions in partnership with landowners of the MTK (TKCP- link people to government)



- After years of continued MTK research & collaborations with landowners & government, YUS CA (78000 ha) was gazetted in 2009 as the first & only conservation area in PNG





Tree Kangaroo Conservation Program-PNG



- Since the beginning of the program, we were working as part of Tree Kangaroo Conservation Program of Woodland Park Zoo, Seattle, Washington.
- The program evolved into a holistic approach rather than just MTK research & conservation
- In 2013, TKCP in PNG was registered as PNG NGO: Tree Kangaroo Conservation Program- PNG Inc





Tree Kangaroo Conservation Program-PNG



- It now has five different strategies that all its activities are based on:
 1. Managing the Conservation Area
 2. Applying our research
 3. Planning for a sustainable future
 4. Serving the Communities
 5. Operating TKCP-PNG





YUS Conservation Area Management Committee

YUS Conservation Organization

TKCP-PNG

DEC

Morobe Province Government

YUS CO Conservation Committee

YUS CO Education Committee

YUS CO Healthy Community Development Committee

YUS CA Rangers

Technical Project Staff

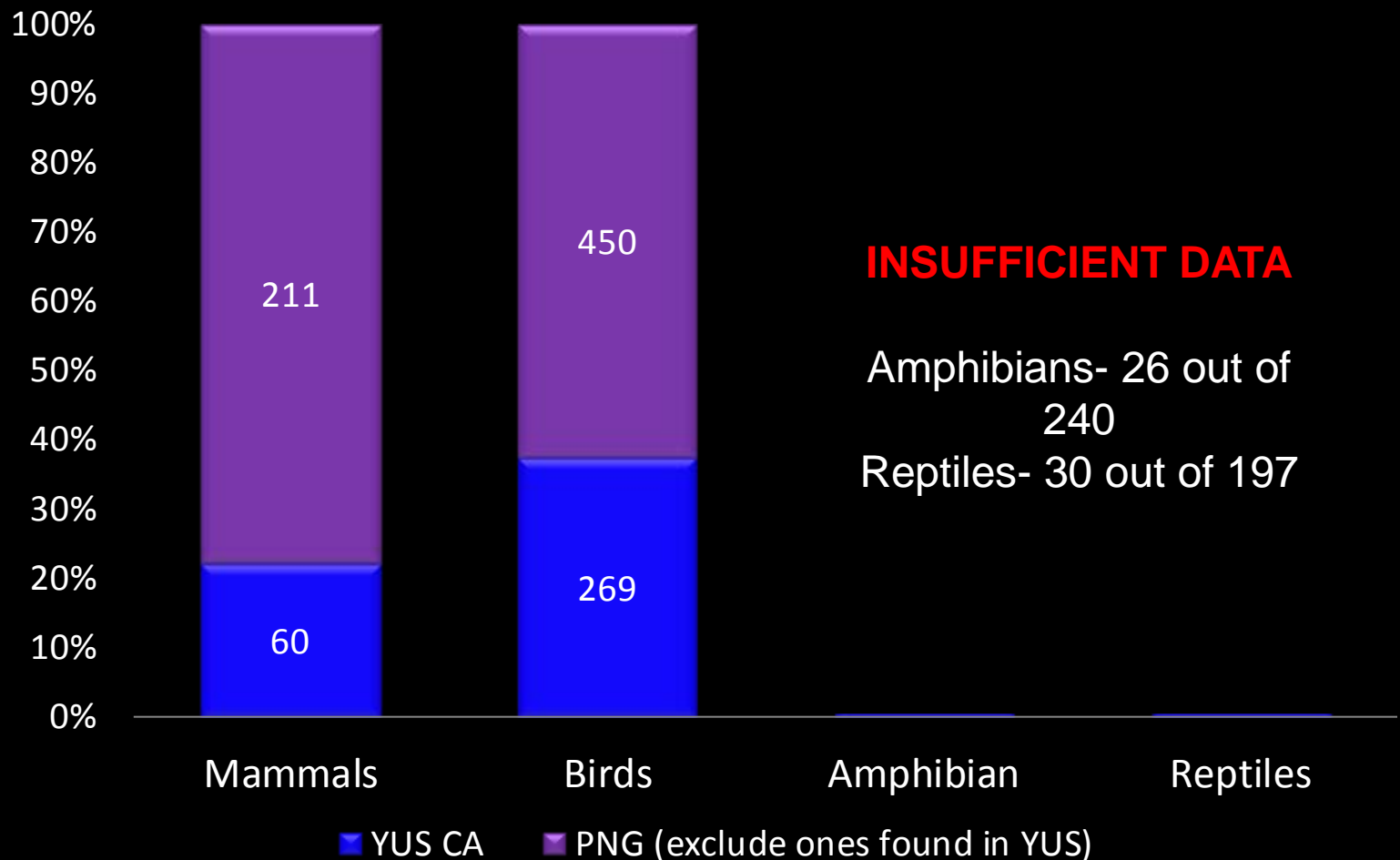
LLGs and Districts



Fauna of YUS Conservation Area



Proportions of major animal groups found in YUS CA to animals in PNG



Endemic species & sub species of YUS





Addressing Aichi targets 11 & 12



Aichi 11:

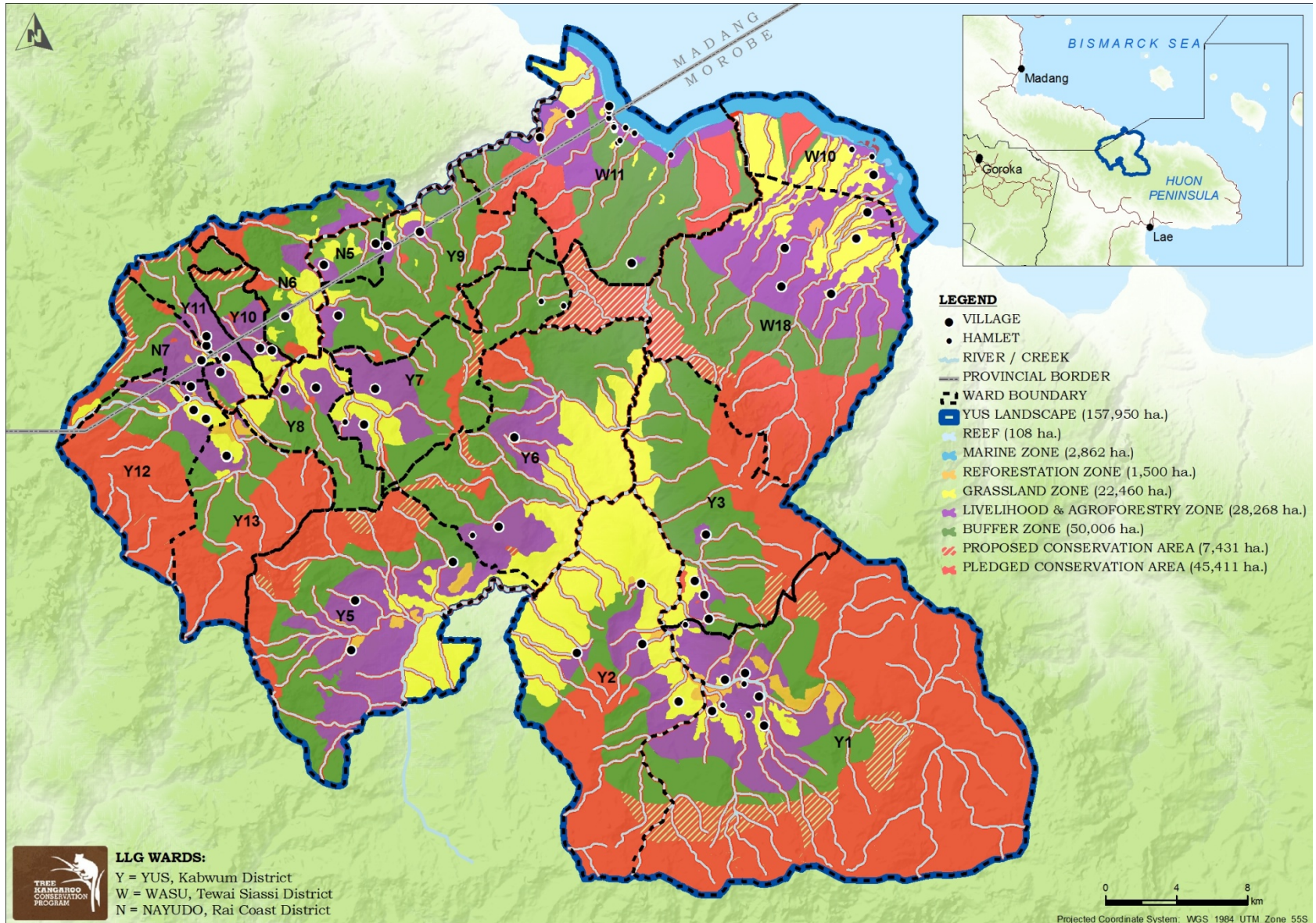
*Conservation Area Landscape covers about 157000ha with 76, 729ha conserved

* Neighboring villages interested to join but we don't have the capacity to venture in

Aichi 12:

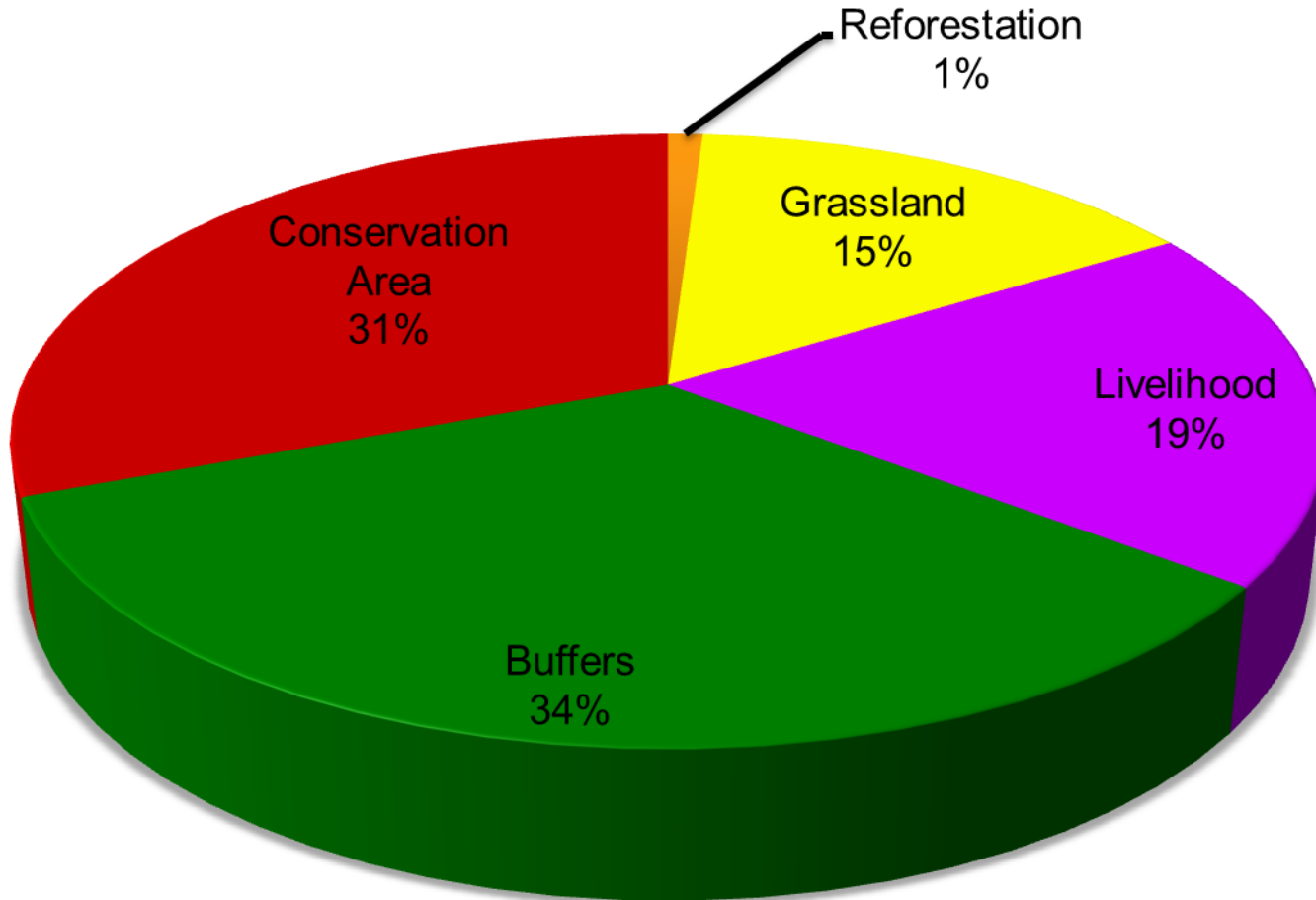
Near Threaten	Vulnerable	Endangered	Critically endangered
Dwarf Cassowary	New Guinea Pademelon	Matschie's Tree Kangaroo	Eastern Long-beaked echidna
Woodcock	Wahne's Parotia	Northern Water Rat	
Emperor Bird of Paradise	Vulturine Parrot		
New Guinea Quoll	New Guinea Harpy Eagle		
Small Dorcopsis			
Plush-coated Ringtail Possum			

Management Goal - Land Use Plan





Management Goal- Land Use Plan



Management Goals

A sustainable, healthy and resilient Huon Peninsula landscape which supports the area's unique biodiversity, human communities, and culture.



- In our work, partnership with stakeholders, especially the **landowners**, governments and others have resulted in a success story of YUS CA & TKCP- PNG.
- Our approach to community based conservation is currently the role model for PNG and is influencing the government policy for protected area.
- PNG should have several more protected conservation areas in the near future following our model
- From 1200 applicants around the world, we were 1 of 25 winners of the prestigious UNDP equator price & 1 of the 6 that got a further special recognition



Thankyou



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