



# Palau Technological Assessment

---

GWEN SISIOR

ASIA PACIFIC BBI ROUNDTABLE

OCTOBER 2017

# Technology Advancement Needs

---



## Non-technical challenges

- Policy implementation
- Enforcement
- Externalities
- Money/funding
- Data collection/knowledge sharing

## Technological challenges

- Ecosystem technologies
- Biodiversity sound technologies
- Thematic work programs
- Ecosystem approach technologies
- Cross-cutting technologies

# Non-Technological Needs

---



- Policy implementation
  - Funding for successful policy implementation and capacity development
- Enforcement
  - Funding for and qualified personnel
- Externalities
  - Outreach and awareness of biodiversity importance and the benefits to livelihoods
- Money/funding
  - Access to sustainable funding of biodiversity conservation projects
- Data collection/knowledge sharing
  - Quality of data and communication between organizations

# Technological Needs



Technology Area	Technology Targets
<b>Ecosystem Technologies</b>	<ul style="list-style-type: none"><li>• Environmental management plans</li></ul>
<b>Biodiversity Sound Technologies</b>	<ul style="list-style-type: none"><li>• Biodiversity technologies for poverty alleviation</li></ul>
<b>Thematic Work Programs</b>	<ul style="list-style-type: none"><li>• Preserving traditional technical and management practices</li></ul>
<b>Ecosystem Approach</b>	<ul style="list-style-type: none"><li>• Functional relationships and processes within ecosystems</li><li>• Development of ecosystem-based management practices</li><li>• Ensuring cross-sectoral cooperation</li></ul>
<b>Cross-Cutting Technologies</b>	<ul style="list-style-type: none"><li>• Technologies for protected areas</li><li>• Technologies to regulate or control invasive alien species</li><li>• Technologies for monitoring biodiversity</li></ul>



# Kom Kmal Mesulang

---

THANK YOU

# Technological Needs

---

- Ecosystem technologies
  - Gap between knowledge of preventive management practices and the ability to apply soft technological solutions to development site
- Biodiversity sound technologies
  - Design of planning models that link conservation of biodiversity with economic opportunity and poverty alleviation
- Thematic work programs
  - Preserving traditional knowledge and adaptation of cultural practices to support more effective natural resource management
- Ecosystem approach technologies
  - Technical capacity to collect and analyze data
  - Technical knowledge for managers to shape effective ecosystem-scale management strategies
  - Technical capacity to evaluate the status of ecosystem fragments within the context of larger eco-region trends
- Cross-cutting technologies
  - Systematic mechanism for identifying and establishing potential new protected areas or evaluating priority status between them
  - Nation-wide strategy for dealing with invasive species
  - Maintain regular monitoring and data collection of biodiversity