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Costs & Benefits of FFA's Existing Technologies' Applications

SAFET

Bangkok, Feb 2019



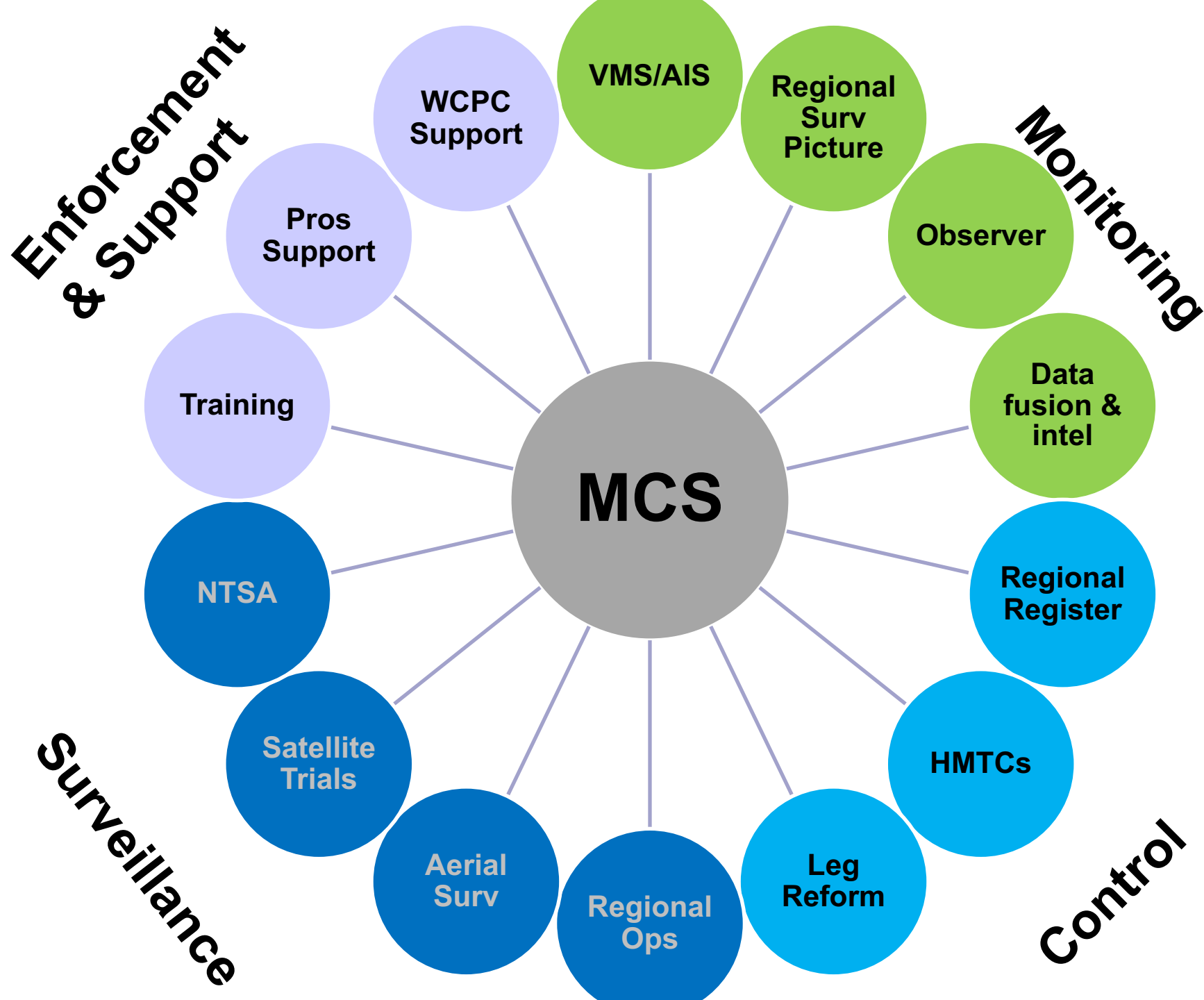
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FFA Secretariat

- Support 17 Pacific Island Members
- 100 staff
- annual budget US\$25-30 million
- Different streams of revenue



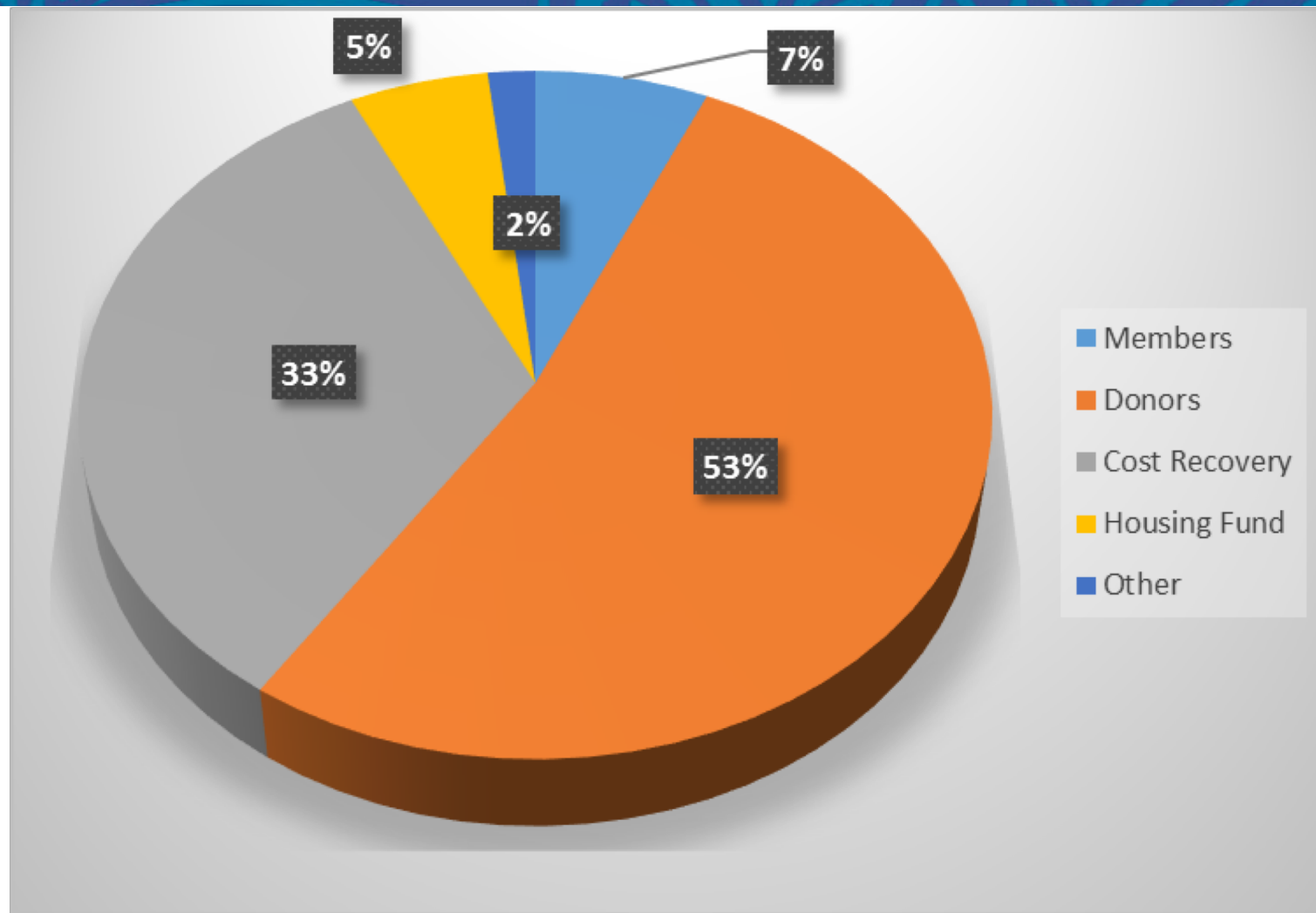
A map of the Pacific Ocean showing various island groups and territories. The map includes a grid of latitude and longitude lines. A red line runs vertically through the Pacific, separating the eastern and western hemispheres. The island groups are labeled with codes such as AU, NZ, NC, NF, M&H, FJ, TV, TK, WS, AS, CK, FP, PN, US, MH, KI, NR, SB, PG, PW, GU, MP, and FM.





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Revenue





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FFA's Regional IMS

- **Owned by Members**, accessible to all, sustained by FFA in the long term
- **Data sharing** mechanisms built-in
- Strong **security**
- **Able to integrate**
 - external data – e.g. SPC/PNAO/WCPFC data
 - emerging technologies



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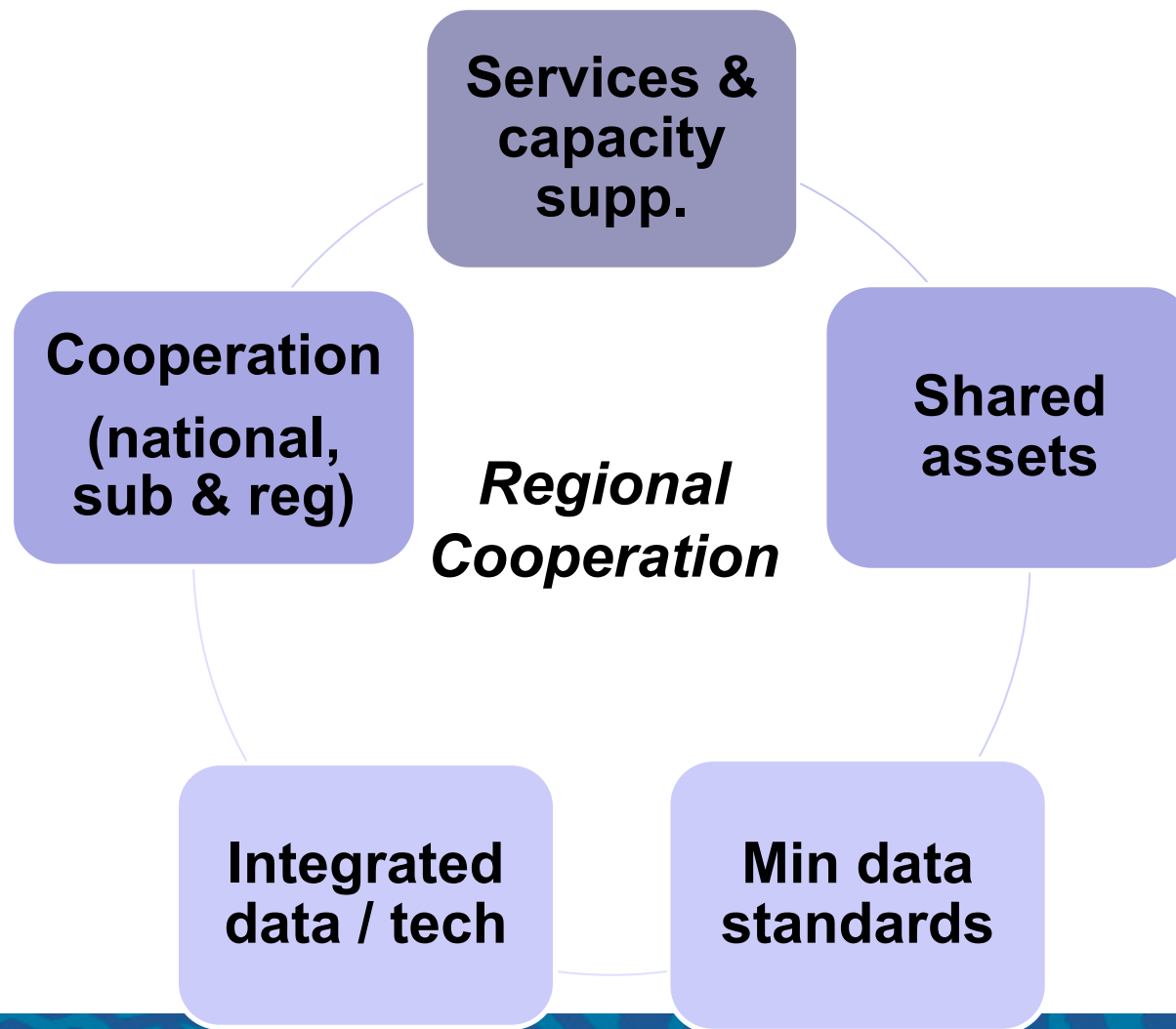
Challenges

- Connectivity
- Infrastructure
- Capacity
- Multi-lat agreement
- Integration of IM
- Competing priorities & national interests



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Strengths / Opportunities





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Example - VMS

- off-the-shelf product
- take output – integrate into systems
- Benefits
 - allows for specific and general analyses
- Costs
 - integration into existing systems



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Areas of focus/interest

- **Human capacity** limitations
- Cater/address **connectivity** limitations
- **Scalable** from national to regional



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Areas of focus/interest

- Consistent with **min data standards**
 - integrate w/ existing framework
- Consolidate use/analysis of **existing data/tech**
- Support members **sustainably** manage their fisheries



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Cost Benefit Analyses

- **New tech:** economically viability in short term initial large investment → proof of concept
- Medium to long-term **sustainability?**
- **Non-economic factors**
 - national priorities
 - linkage to strategic objectives



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Conclusion

- Long history of **cooperation** → cost effective means for utilising existing tech
- Focus on **sustainability**
- **Targeted integration** of new tech
- Use/consolidation of **existing tech/data** sets



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Thank you
