



Your Ocean = Your Future.

What do you want your ocean to look like?

How can we help you get there?

GOAL: Sustainable, profitable, and enjoyable use of ocean resources for this and future generations.

Blue Halo Concept: Develop a plan to sustainably manage Barbuda's coastal that:

- Is based on scientific, social, and economic data,
- Heavily engages the community in the planning process,
- Minimizes and negative impact on fishing and coastal livelihoods, and
- Includes sanctuary zones (where fishing does not occur) to restore fish populations and habitats.

Program Components

1. *Community Survey:* Interviews to gather community views on coastal resource management.
2. *Ecological Assessment:* Scientific assessment of Barbuda's key fishery species and habitats.
3. *Habitat Mapping:* Map of key marine habitats developed from high-resolution satellite image.
4. *Zoning and Mapping Analysis:* Integrates data so stakeholders can view, sketch and discuss zoning.
5. *Legal Analysis:* Assessment of current laws and support for developing new laws and policies.
6. *Local Capacity Building:* Training in SCUBA and scientific monitoring for key Barbudan staff.
7. *Communications:* Updates via newspaper, radio, TV, bulletin board, Facebook, and Twitter.
8. *Enforcement Assessment:* Analysis of technologies to help meet enforcement objectives.
9. *Fisheries Certification:* Assistance with ensuring fishers get a good price and accessing new markets.
10. *Implementation:* Resources and a strategy for monitoring, enforcement, and financing.

Final SUSTAINABLE COASTAL POLICY:

- Comprehensive zoning map (out to 1 league, i.e. 3.45 miles)
- New fisheries management regulations
- Implementation plans for monitoring, enforcement, and financing

Research Products:

- Ecological assessment report
- Community survey report
- Maps of ecological and community data
- Legal analysis report
- Enforcement recommendations report

Potential New Regulations:

1. Require Barbuda Fishing License
2. Prohibit catch of parrotfish and urchins
3. Prohibit use of nets on the reefs
4. Prohibit fishing on spawning aggregations
5. Sharks only for traditional use, no export
6. Conch shells must be discarded on shore
7. Require use of escape gaps in fish pots
8. Permit required for artificial reefs
9. Permit required for harming coastal mangroves
10. Establish Barbuda Fisheries and Park Funds

Potential Outcomes and Benefits:

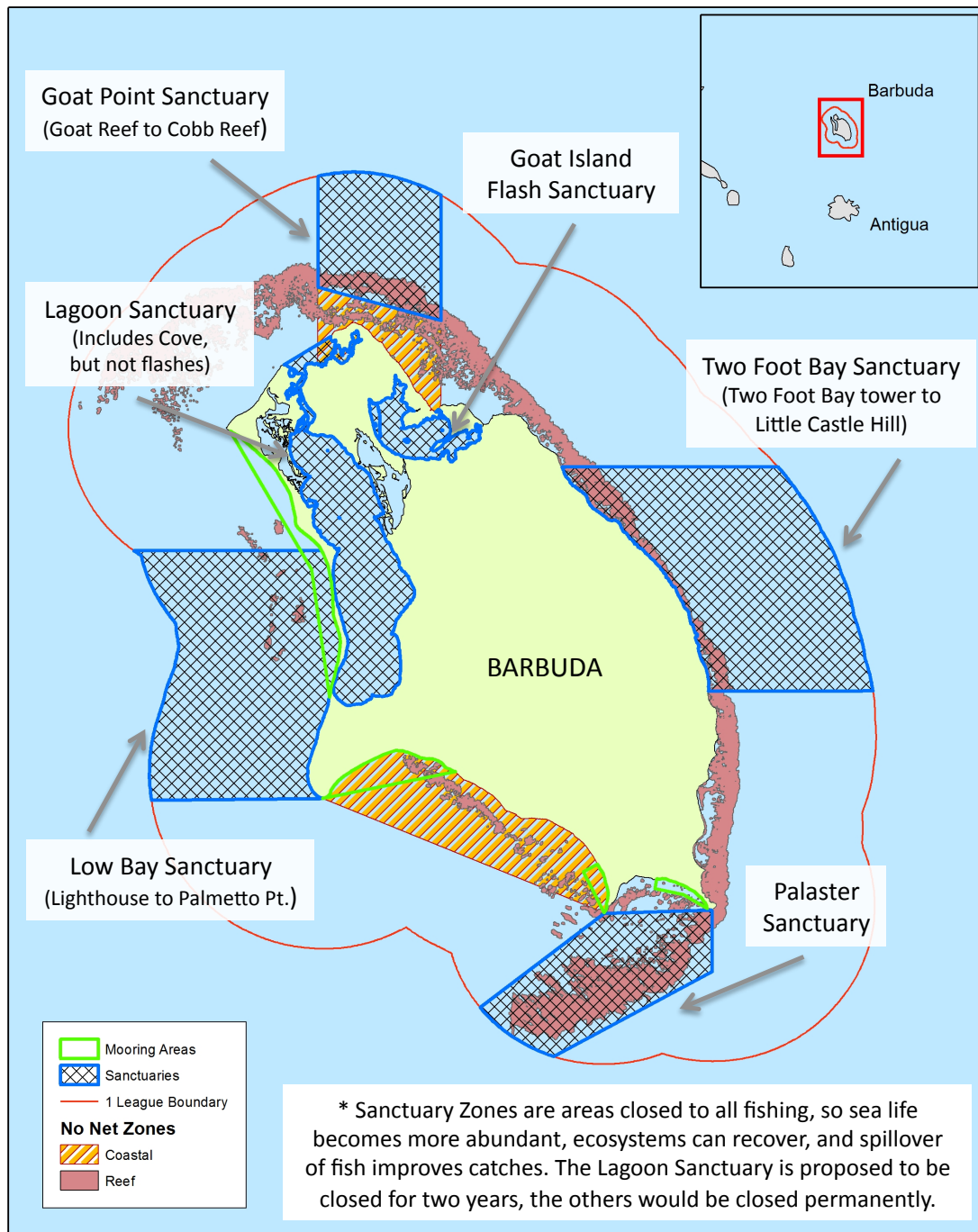
- More fish, lobster, and conch → better catches → improved fishing livelihoods
- Healthier reefs with more coral and less algae → more tourism and job opportunities
- Access to new high-end markets to sell fish → fishers get a good price and have more options
- Build an international reputation as a leader in coastal management → eco-tourism opportunities
- Fishing is sustainable → current and future generations catching and eating lots of fish!

Collaborating Partners: The Barbuda Council, Codrington Lagoon National Park, Barbuda Fisheries Division, Office of the Prime Minister of Antigua & Barbuda, the people of Barbuda, and the Waitt Institute.

Timeline: Planning phase Jan – Dec 2013. Implementation to begin 2014. (Detailed timeline available.)

DRAFT of Potential Sanctuary*, Anchoring/Mooring, and No-Net Zones For the Coastal Waters (1 league/3.45 miles from shore) Around Barbuda

Prepared by the Barbuda Council with Stakeholder Consultation



Contact the Barbuda Council or Ayana Johnson (ayana@waittinstitute.org) with comments or questions.

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