

**MEASURES OF PROGRAMMATIC AND PROJECT EFFECTIVENESS FOR THE CARIBBEAN**

<b>Objective</b>	<b>Conservation Action</b>	<b>Indicators</b>	<b>Monitoring Method</b> (i.e., how you will measure the quantitative indicators)	<b>Current Status</b> (quantitative indicators only)	<b>Desired Status</b> (quantitative indicators only)
	<p><b>Training</b>  <b>Definition:</b> Skills development for conservation professionals, practitioners, key stakeholders, or others to facilitate needed natural resources management activities and techniques.</p> <p><b>Examples:</b> Train staff in monitoring and data analysis techniques, train park staff in protected area management and law enforcement techniques.</p>	<p><b>Quantitative</b></p> <ul style="list-style-type: none"> <li>• # and % of individuals selected that complete training</li> <li>• # and % of trainees that demonstrate desired knowledge, skills, and attitudes</li> <li>• # and % of trainees successfully carrying out desired practices after the training</li> </ul> <p><b>Standard Indicators for Implementation - (information to be provided when submitting your project progress reports)</b></p> <ul style="list-style-type: none"> <li>• Was the training strategy implemented as proposed?</li> <li>• Was the change in institutional/community capacity considered sufficient to address the need?</li> <li>• If current personnel leave, is the change in institutional capacity expected to be maintained?</li> <li>• Is there evidence that the institution/community group has improved its ability to fulfill its conservation mission/objectives?</li> <li>• What were the barriers preventing trainees from demonstrating the desired knowledge, skills, and/or attitudes?</li> </ul> <p><b>What was the Impact? (information to be provided when submitting your project final report):</b></p> <ul style="list-style-type: none"> <li>• Is there evidence that pressures are being reduced and/or that wildlife and habitats are being conserved due to improved training? If not, what action (if any) did your project team take to address the fact that you were not seeing desired threat reduction?</li> </ul>			

Objective	Conservation Strategy	Indicators	Monitoring Method (i.e., how you will measure the quantitative indicators)	Current Status (for quantitative indicators only)	Desired Status (for quantitative indicators only)
	<p><b>Conservation Planning</b></p> <p><b>Definition:</b> Planning for conservation of protected areas and/or species.</p> <p><b>Examples:</b> Developing a park management plan, a regional NPAs coordination plan, establishing a community owned natural protected area, etc.</p>	<p><b>Quantitative:</b></p> <p><b>For NPA Designation Projects:</b></p> <ul style="list-style-type: none"> <li>• How many acres/has. were prioritized as protected area/core zone/buffer zone/easement and what % were declared as a protected area/core/buffer zone or put into easement?</li> </ul> <p><b>Other Projects:</b></p> <ul style="list-style-type: none"> <li>• % of priority actions identified in site/species management plan that are being implemented <ul style="list-style-type: none"> <li>• Please identify the (high-level) priority actions in the management plan.</li> <li>• To what degree is the action being implemented?</li> <li>• Please explain cases where high-priority actions are not being implemented as planned, or remain unfunded.</li> </ul> </li> </ul> <p><b>Standard Indicators for Implementation. Choose those that apply.</b></p> <p><b>This information to be provided when submitting your project progress reports.</b></p> <ul style="list-style-type: none"> <li>• Was the planning implemented as proposed?</li> <li>• Was the plan approved by the appropriate authority or key stakeholders?</li> <li>• Was planning sufficient to improve management of the protected area or species?</li> <li>• Is there evidence that the plan is being used and implemented?</li> <li>• Since the protected area/easement/species designation, to what degree have the conservation actions at the site increased or decreased?</li> </ul> <p><b>What was the Impact? Information to be provided when submitting your final report.</b></p> <ul style="list-style-type: none"> <li>• Is there evidence that pressures are being reduced and/or that wildlife and habitats are being conserved?</li> </ul>			

Objective	Conservation Strategy	Indicators	Monitoring Method (i.e., how you will measure the quantitative indicators)	Current Status (for quantitative indicators only)	Desired Status (for quantitative indicators only)
	<p><b>Species or Habitat Management</b></p> <p><b>Definition:</b> Actions directly conserving, managing or restoring species, sites, ecosystems, landscapes and the wider environment.</p> <p>Examples: Habitat management, landscape level management, invasive species removal, reforestation</p>	<p><b>Quantitative</b></p> <ul style="list-style-type: none"> <li>• Number of hectares of biologically significant areas under improved natural resource management as a result of the project.</li> <li>• % of priority actions identified in management plan that are being implemented.</li> <li>• # or has. of invasive species removed</li> <li>• # of has. restored</li> <li>• # and frequency of species/habitat monitoring actions implemented.</li> </ul> <p><b>Standard Indicators for Implementation. Choose those that apply. This information to be provided when submitting your project progress reports.</b></p> <ul style="list-style-type: none"> <li>• Were the action(s) implemented as proposed? (completed, on-track, minor issues, major issues, abandoned)</li> <li>• Was the level of management action sufficient to improve the species or habitat?</li> <li>• Is there evidence of the threat being reduced to an acceptable level?</li> <li>• How long will these results of the management action last?</li> </ul> <p><b>What Was the Impact? Choose those that apply. This information to be provided when submitting your final report.</b></p> <ul style="list-style-type: none"> <li>• Is there evidence that pressures are being reduced and/or that wildlife and habitats are being conserved as a result of the management activity?</li> </ul>			

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	<p><b>Species Reintroduction</b></p> <p><b>Definition:</b> Reintroducing species to places where they formerly occurred or to suitable future habitat, or translocation individuals to initiate or supplement a population.</p> <p><b>Examples:</b> reintroduction or translocation of critically endangered iguanas.</p>	<p><b>Quantitative and Qualitative Indicators Suggested (choose those that apply to the activities proposed):</b></p> <p><i>Quantitative</i></p> <ul style="list-style-type: none"> <li>• # of individual animals (or other relevant units) moved</li> <li>• % animals moved surviving to date</li> <li>• Mortality rate among individuals released/translocated.</li> <li>• % of sites with restored population successfully breeding</li> <li>• Demographics of population (adult males/females, subadult males/females)</li> <li>• % of total individuals required to meet population needs of all sites</li> <li>• # of individuals bred in captivity</li> <li>• # of individuals bred in the wild.</li> </ul> <p><i>Qualitative</i></p> <ul style="list-style-type: none"> <li>• Was the reintroduction/translocation sufficient to achieve its goals?</li> <li>• Was the reintroduction or translocation implemented as proposed? (completed, on-track, minor issues, major issues, abandoned)</li> <li>• How long will these results last?</li> <li>• Has this project contributed to any changes regarding the conservation priority status (Threatened/Endangered, etc.) of the target species?</li> </ul> <p><b>Conservation - What was the Impact?</b></p> <ul style="list-style-type: none"> <li>• Is there evidence that pressures are being reduced and/or that wildlife and habitats are being conserved?</li> </ul>			

	<p><b>Patrols and Field Surveillance</b></p> <p><b>Definition:</b> Field surveillance of protected areas to deter illegal activities and protect wildlife.</p> <p><b>Examples:</b> Regular surveillance patrols in a community reserve, aerial patrols of a protected area, beach surveillance to deter human predation on sea turtles.</p>	<p><b>Standard Indicators for Implementation:</b></p> <table border="1"> <thead> <tr> <th>Ground Patrols</th> <th>Air Patrols</th> <th>Beach Patrols</th> </tr> </thead> <tbody> <tr> <td># of people patrolling -OR- # of person-patrol days</td> <td># of flights flown -OR- # of air hours</td> <td># of people patrolling -OR- # of person-patrol days</td> </tr> <tr> <td># of km patrolled</td> <td># of sq km patrolled</td> <td># of km of beach patrolled</td> </tr> <tr> <td># of patrol seizures</td> <td># of patrol seizures</td> <td># of patrol seizures</td> </tr> <tr> <td>volume of patrol seizures</td> <td>volume of patrol seizures</td> <td>volume of patrol seizures</td> </tr> <tr> <td># of arrests</td> <td># of arrests</td> <td># of arrests</td> </tr> <tr> <td># of incidents of illegal activity recorded (e.g. shotgun shells, camps)</td> <td># of incidents of illegal activity recorded (e.g. camps)</td> <td># of incidents of poached nests</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>• Were the patrols implemented as proposed? (completed, on-track, minor issues, major issues, abandoned)</li> </ul>	Ground Patrols	Air Patrols	Beach Patrols	# of people patrolling -OR- # of person-patrol days	# of flights flown -OR- # of air hours	# of people patrolling -OR- # of person-patrol days	# of km patrolled	# of sq km patrolled	# of km of beach patrolled	# of patrol seizures	# of patrol seizures	# of patrol seizures	volume of patrol seizures	volume of patrol seizures	volume of patrol seizures	# of arrests	# of arrests	# of arrests	# of incidents of illegal activity recorded (e.g. shotgun shells, camps)	# of incidents of illegal activity recorded (e.g. camps)	# of incidents of poached nests			
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		<ul style="list-style-type: none"> <li>• Was patrol effort sufficient to control poaching and other illegal activities?</li> <li>• Is there evidence of a sufficient reduction or stabilization of poaching and other illegal activities in the area patrolled?</li> <li>• How long will these results last?</li> </ul> <p><i>Quantitative</i></p> <ul style="list-style-type: none"> <li>• <i>Catch per unit effort (e.g., # snares per km patrolled, # of arrests per month)</i></li> <li>• <i>For beach surveillance: % nests poached on patrolled beaches</i></li> </ul> <p><b>Conservation - What was the Impact?</b></p> <ul style="list-style-type: none"> <li>• Is there evidence that pressures are being reduced and/or that wildlife and habitats are being conserved as a result of the field surveillance?</li> </ul>			
	<p><b>Counter Wildlife Trafficking</b></p> <p><b>Definition:</b> Detecting, directly stopping, and/or deterring trade in illegal wildlife products.</p> <p><b>Examples:</b> Intelligence gathering, trade route monitoring, arrest of middlemen.</p>	<p><b>Standard Indicators for Implementation - Did the Strategy Get Done?</b></p> <p><i>Quantitative</i></p> <ul style="list-style-type: none"> <li>• # of inspections</li> <li>• # of intelligence led investigations</li> <li>• # of seizures</li> <li>• Volume of seizures</li> <li>• # of arrests</li> <li>• % of contraband detected (best available estimate)</li> </ul> <p><i>Strategy Status</i></p> <ul style="list-style-type: none"> <li>• Was the trafficking interdiction or intervention implemented as proposed? (completed, on-track, minor issues, major issues, abandoned)</li> </ul> <p><b>What Was Achieved?</b></p> <p><i>Quantitative</i></p> <ul style="list-style-type: none"> <li>• # of catch per unit effort?</li> </ul> <p><i>Qualitative</i></p>			

		<ul style="list-style-type: none"> <li>• Was the effort sufficient to control or deter trafficking of the product of concern?</li> <li>• Is there evidence of a sufficient reduction of wildlife trafficking?</li> <li>• How long will these results last?</li> </ul> <p><b>Conservation - What was the Impact?</b></p> <ul style="list-style-type: none"> <li>• Is there evidence that pressures are being reduced and/or that wildlife and habitats are being conserved?</li> </ul>			
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	<p><b>Prosecutions &amp; Convictions</b></p> <p><b>Definition:</b> Improving the ability of the legal system to enforce wildlife conservation-related laws and/or deter criminal activities.</p> <p><b>Examples:</b> Specialized training for prosecutors and judges, strengthening evidence collection and chain of custody.</p>	<p><b>Standard Indicators for Implementation - Did the Strategy Get Done?</b></p> <p><i>Quantitative</i></p> <ul style="list-style-type: none"> <li>• # of arrests / prosecutions / convictions</li> <li>• % of arrests leading to prosecution</li> <li>• % of prosecutions leading to conviction</li> <li>• [penalties] -- sentences + time served + fines</li> </ul> <p><i>Strategy Status</i></p> <ul style="list-style-type: none"> <li>• Was the work implemented as proposed? (completed, on-track, minor issues, major issues, abandoned)</li> </ul> <p><b>Standard Indicators for Results - What was Achieved? What was the Impact?</b></p> <p><i>Qualitative</i></p> <ul style="list-style-type: none"> <li>• To control and deter wildlife crime, were the appropriate people targeted for prosecution?</li> <li>• Is there evidence of a reduction in wildlife crime as a result of this strategy?</li> </ul>			
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	<p><b>Environmental Law and Policy</b></p> <p><b>Definition:</b> Actions to improve compliance with wildlife conservation laws, policies and agreements at all levels: international, national, and state/provincial, municipal, tribal.</p> <p><b>Examples:</b> promoting adoption of CITES, and/or national strategies to combat wildlife trafficking..</p>	<p><b>Standard Indicators Suggested (choose those that apply to the activities proposed):</b></p> <p><b>Degree to which recommendations are delivered to the right authorities.</b></p> <ul style="list-style-type: none"> <li>• Did you deliver the recommendations to the implementer(s), agency(ies) and/or other departments and follow up with them to assure understanding, acceptance? If not, please explain.</li> <li>• Did the agency use a formal plan to communicate information to the planning effort? If yes, which of the following groups were to be contacted?</li> <li>• What mechanisms were used to communicate with decision makers?</li> </ul> <p><b>Degree to which recommendations are accepted by implementer.</b></p> <ul style="list-style-type: none"> <li>• Were recommendations accepted? If not accepted, explain why to the best of your knowledge.</li> </ul> <p><b>Degree to which recommendations are incorporated into relevant legislation/regulations/policies/voluntary standards and documentation:</b></p> <ul style="list-style-type: none"> <li>• Did agency(ies) add your recommendations to their legislation/regulations/policies/voluntary standards and documentation? If not, explain why to the best of your knowledge.</li> </ul> <p><b>% of recommendations about priority areas/species and relevant best management practices incorporated into formal legislation/regulations/voluntary standards.</b></p> <p><b>Evidence of project actions influencing formal legislation to strengthen conservation</b></p> <ul style="list-style-type: none"> <li>• Please describe how those actions are leading towards achievable/realistic/consistent/replicable conservation at all</li> </ul>		

levels.

**Conservation: What was the impact?**

- Do you have evidence of project activities leading toward reduction of key threats? Please describe. If not, what action (if any) did your project team take to address the fact that you were not seeing desired threat reduction?

	<p><b>Alternative Livelihoods</b></p> <p><b>Definition:</b> Developing economic opportunities as a means of promoting rational use of natural resources around natural protected areas.</p> <p><b>Examples:</b> Developing organic farming enterprises, implementation of best management practices, establishing ecotourism businesses, wildlife-friendly agroforestry or livestock production, silviculture, apiculture enterprises, training on how to access PES funds.</p>	<p><b>Standard Indicators for Implementation - Did the Strategy Get Done?</b></p> <p><i>Quantitative</i></p> <ul style="list-style-type: none"> <li>• # of households with alternatives</li> <li>• # or % of target audience that has adopted alternative livelihood</li> <li>• # or % of alternative products / services that substitute for environmentally damaging products / services</li> </ul> <p><i>Strategy Status</i></p> <ul style="list-style-type: none"> <li>• Was the alternative livelihood implemented as proposed? (completed, on-track, minor issues, major issues, abandoned)</li> </ul> <p><b>What Was Achieved?</b></p> <p><i>Qualitative</i></p> <ul style="list-style-type: none"> <li>• Was the alternative livelihood sufficient to reduce the behavior of concern?</li> <li>• Is there evidence of a sufficient reduction of the behavior of concern?</li> <li>• Is there evidence of improved/stable income levels from use of alternative livelihoods?</li> </ul> <p><b>Conservation - What was the Impact?</b></p> <ul style="list-style-type: none"> <li>• Is there evidence that pressures are being reduced and/or that wildlife and habitats are being conserved as a result of this action?</li> </ul>			

	<p><b>Public Engagement, Communications &amp; Outreach</b></p> <p><b>Definition:</b> Actions to improve the knowledge, attitudes and behaviors towards species conservation through distribution of materials, media and/or education and awareness campaigns.</p> <p><b>Examples:</b> Dissemination of video to national media outlets, school outreach programs, environmental education programs.</p>	<p><b>Standard Indicators for Implementation - Did the Strategy Get Done?</b></p> <p><i>Quantitative</i></p> <ul style="list-style-type: none"> <li>• # of target audience reached</li> <li>• % of target audience with desired knowledge.</li> <li>• % of target audience that adopts or continues behavior.</li> </ul> <p><i>Strategy Status</i></p> <ul style="list-style-type: none"> <li>• Was the communications/education activity implemented as proposed? (completed, on-track, minor issues, major issues, abandoned)</li> </ul> <p><b>Standard Indicators for Results - What was Achieved?</b></p> <p><i>Qualitative</i></p> <ul style="list-style-type: none"> <li>• Was the number of target audience reached sufficient to achieve desired results?</li> <li>• Is there evidence that the expected results were achieved?</li> <li>• Is there evidence that behavioral change has occurred, and that the change can be attributed to the communications/education strategy?</li> </ul> <p><b>Conservation - What was the Impact?</b></p> <ul style="list-style-type: none"> <li>• Is there evidence that pressures are being reduced and/or that wildlife and habitats are being conserved due to outreach activities?</li> </ul>			
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	<p><b>Partnerships</b></p> <p><b>Definition:</b> Engaging key stakeholders, including government authorities, local communities, NGO representatives, and other partners to achieve shared conservation objectives and broader coordination across overlapping areas.</p> <p><b>Examples:</b> NGO partnerships, Public Private Partnerships, MOUs with public and/or private sector.</p>	<p><b>Standard Indicators for Implementation - Did the Strategy Get Done?</b></p> <p><i>Quantitative</i></p> <ul style="list-style-type: none"> <li>• # of partner groups brought together</li> <li>• # of tangible outputs resulting from partnerships (e.g., MOUs, management plans)</li> </ul> <p><i>Strategy Status</i></p> <ul style="list-style-type: none"> <li>• Were the partnerships implemented as proposed? (completed, on-track, minor issues, major issues, abandoned)</li> </ul> <p><b>Standard Indicators for Results - What was Achieved?</b></p> <ul style="list-style-type: none"> <li>• Were the partnerships sufficient to get the job done?</li> <li>• Is there evidence that conservation interventions improved as a result of the partnership?</li> <li>• How long will these results last?</li> </ul> <p><b>Conservation - What was the Impact?</b></p> <p>Is there evidence that pressures are being reduced and/or that wildlife and habitats are being conserved as a result of the partnership?</p>			