

### Second Phase Project Fiche

Project titled	A collaborative Ecosystem Based Management Approach to Foster Marine Biodiversity in the Caribbean: Building National, Regional and Global Linkages
Total budget	\$US 1,370
Executing agency	UN Environment – Caribbean Environmental Programme
Beneficiaries	Countries in the Wider Caribbean Region
Potential partners	Potential partners can be the following: The Royal Institute for Sea Research, Dutch Caribbean Nature Alliance, INVEMAR, National Parks Unit, Ministry of Environment in Colombia, GCFI, FAO/WECAFC, West Indies University/CERMES, Red Arrecifal Dominicana, and PROGES among other partners.
Duration	Three years
Justification	<p>UN Environment – Caribbean Environmental Programme (CEP) is the lead organization in the Wider Caribbean Region dedicated to the promotion of the marine conservation and the sustainable use of its resources, linking countries across the region and integrating these initiatives into the global opportunities. These conservation tasks have been accomplishing by progressively applying Ecosystem Based Management (EBM) concepts and tools.</p> <p>The complexity of the several ecosystem dynamics acting synergistically have proved challenging when developing practical applications. On one side it demands extensive good and quantitative data, not always available, not always easy to be shared, not compiled in one site or sits in unknown locations or within unpublished technical reports. On the other side, it requires the conformation of a highly participative and inter-disciplinary group of stakeholders that analyse the ecosystem bio-ecological and socioeconomic aspects. The work in groups is dynamic and requires permanent close contact and commitment of the coordinating agency in order to keep its engagement, in the long run.</p> <p>Thanks to the development of the project “Biodiversity for Sustainable Development in the Caribbean through Ecosystem Based Management” (EBM-DSS project) with the financial support of the Italian International Cooperation Agency, the UN Environment – CEP advanced in many of these aspects: a) improved the CaMPAM MPA database as the main source of MPA (Marine Protected Areas) for better EBM applications, b) Developed new alliances regionally/globally for implementation of long-term conservation initiatives, c) Is exploring the use of a toolbox for solving EBM challenges and local considerations, d) promoted the capacity building, training and participatory analysis of relevant stakeholders, and further completed the first two testing pilots in Dominican Republic.</p> <p>However, the successful advance in the effective marine conservation, more actions are needed, then being able to consolidate synergies among current initiatives, securing political will and active public participation in</p>

	<p>the conservation of the marine environment. Through more practical applications, updating and adapting training opportunities, constant feedback and evaluation of management effectiveness and performance are needed for properly responding to increasing environmental threats, and securing long-term strategies and programmes. Regional calls for the continuation / expansion of the UN Environment – CEP actions have recognised the need for a second phase of the EBM-DSS project.</p> <p>This project is presented to pursue this call, to improve the collaborative works, to disseminate successful experiences, to confront common challenges, and thus replicating and upscaling proper management regimes within and beyond national boundaries. The several successes and lessons learnt from the implementation of the EBM-DSS project will be the basis meet these demands.</p>
Main goal	<p>To build upon experiences gained in the Wider Caribbean Region from the implementation of two regional projects initiated in 2012 aimed to increase collaboration and application of Ecosystem Based Management (EBM) concepts and tools needed to protect coastal and marine biodiversity, in compliance with the five Aichi Biodiversity Targets and the UN Sustainable Development Goal, in particularly 14, dedicated to the promotion of conservation and sustainable use of the oceans and marine resources that make the Earth habitable for human kind.</p>
Objectives	<ol style="list-style-type: none"> <li>1. Strengthen sub-regional collaboratively work towards application of EBM principles and tools need for improvement of the marine biodiversity.</li> <li>2. Advance the region’s marine protected areas (MPA) data compilation and analysis needed to provide better management and conservation recommendations utilizing best available science information.</li> <li>3. Develop institutional capacities through implementation of pilot projects demonstrating better responses to ecosystem threats due to climate change impacts or isolated management actions, thus advancing in developing of new EBM applications in the Caribbean region.</li> <li>4. Use of innovative and effective education and communication strategies and tools needed to increase public support for develop more efficient conservation initiatives.</li> <li>5. Lead the integration and progressive implementation of existing sustainable fishing and conservation regional plans, with focus on two SPAW listed species.</li> </ol>
Expected outputs	<ol style="list-style-type: none"> <li>1. Strengthened at least two EBM regional nodes in the Caribbean.</li> <li>2. Quantitative improved of the CaMPAM MPA database.</li> </ol>

	<p>3. Completed at least two pilot projects to highlight recovery / better MPA management actions.</p> <p>4. Efficient education and communication strategies supportive of conservation policies and programs in place.</p> <p>5. Integrated conservation and Fishery management for at least two SPAW listed species.</p>
<p>Main activities</p>	<p>1. <b>Strengthened EBM regional nodes in the Caribbean:</b> At least two EBM regional nodes are established aimed to provided technical advice about integration of EBM concepts and tools into marine conservation programs. Given continuation of the “Biodiversity for Sustainable Development in the Caribbean through Ecosystem Based Management” project, it is expected to provide opportunities to create/strengthen the Spanish and Dutch EBM Regional nodes.</p> <p>2. <b>Improved of the CaMPAM MPA database:</b> Already restructured and improved CaMPAM MPA database (<a href="https://sites.google.com/cep.unep.org/campamgeospatialdatabase/home">https://sites.google.com/cep.unep.org/campamgeospatialdatabase/home</a>) continues its updating process by filling data gaps and integrating new quantitative data needed for evaluate it effectiveness for advance in the marine conservation.</p> <p>3. <b>Pilots projects on recovery / better MPA management:</b> at least two pilot projects aimed to: a) restore/recover coastal/marine ecosystems impacted by catastrophic events, particularly on mangroves, seagrass or coral reefs ecosystems, applying one or several DSS tools; b) Increase MPA effectiveness by creating new protected areas or better implementing MPA managing plans under the coordination of the two EBM regional nodes established.</p> <p>4. <b>Strengthened Education and communication strategies:</b> Capacity building significantly improved through CaMPAM Programme educational and training initiatives, and innovative and dynamic communication strategies in place. Thus, including development of at least two editions of the ToT course, planning and realization of environmental campaigns aimed to increase public support towards improvement of marine conservation, constant communication among relevant stakeholders in the Caribbean using the Teamwork platform, active communication through social media and listserves to pursue the active involvement of the general public into the marine conservation initiatives.</p> <p>5. <b>Integrated conservation and Fishery management for at least two SPAW listed species:</b> Active participation in regional actions adopted to promote the recovery / conservation / sustainable fishing of queen conch and Nassau grouper stocks.</p>

Detailed budget	Below table summarize the detailed budget for this project. Values are expressed in thousands of US dollars.					
	Activity	Contractual	Equipment and supplies	Travel	Education & outreach	Total
	1. Strengthened EBM regional nodes in the Caribbean	50	32	30	90	202
	2. Improved of the CaMPAM MPA database	80	14	15	42	151
	3. Pilots projects on recovery / better MPA management	220	144	50	120	534
	4. Strengthened Education and communication strategies	70	144	15		229
	5. Integrated conservation and Fishery management for at least two SPAW listed species	80	10	15	72	177
	Sub-total	500	344	125	324	1,,293
	13% admin. costs					158
	Grand Total					1,370
Contact officer	<p>Ileana Lopez          SPAW Protocol, UN Environmental Caribbean Programme Officer          14-20 Port Royal Street          Kingston, Jamaica          Tel. (876) 922-9267-9          Fax (876) 922-9292          ileana.lopez@un.org          Web site: <a href="http://cep.unep.org">http://cep.unep.org</a></p>					