



a Fisheries Ecosystem-based approach to the development of Transboundary Diagnostic Analyses and a region-wide Strategic Action Programme

CLME: from sub-regional TDA to fishery ecosystem-based TDAs

A preliminary Transboundary Diagnostic Analysis (TDA) for the Caribbean LME and adjacent North Brazil Shelf LME was developed during the PDF B phase of the CLME project. Given the complexity and diversity of the region in terms of its biogeophysical, socioeconomic, legislative and cultural characteristics, a sub-regional approach to assessing the status of the region's living marine resources was selected.

For this purpose, the CLME Area was subdivided in 3 geographic subregions: (i) **Insular Caribbean** subregion; (ii) **Central & South America** subregion; and (iii) **Brazil-Guyanas** subregion.

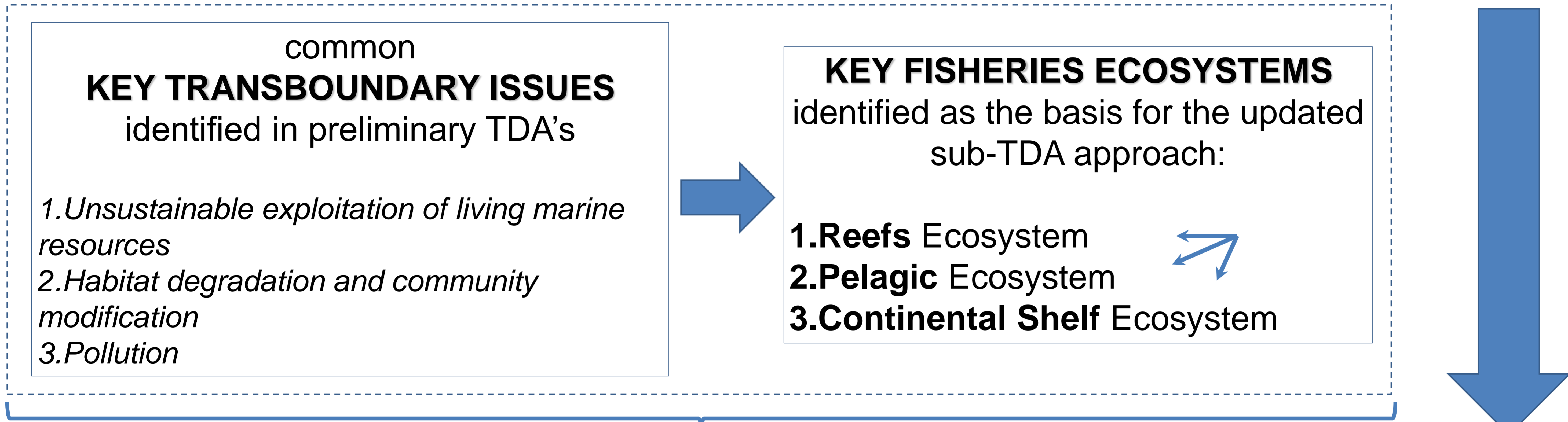
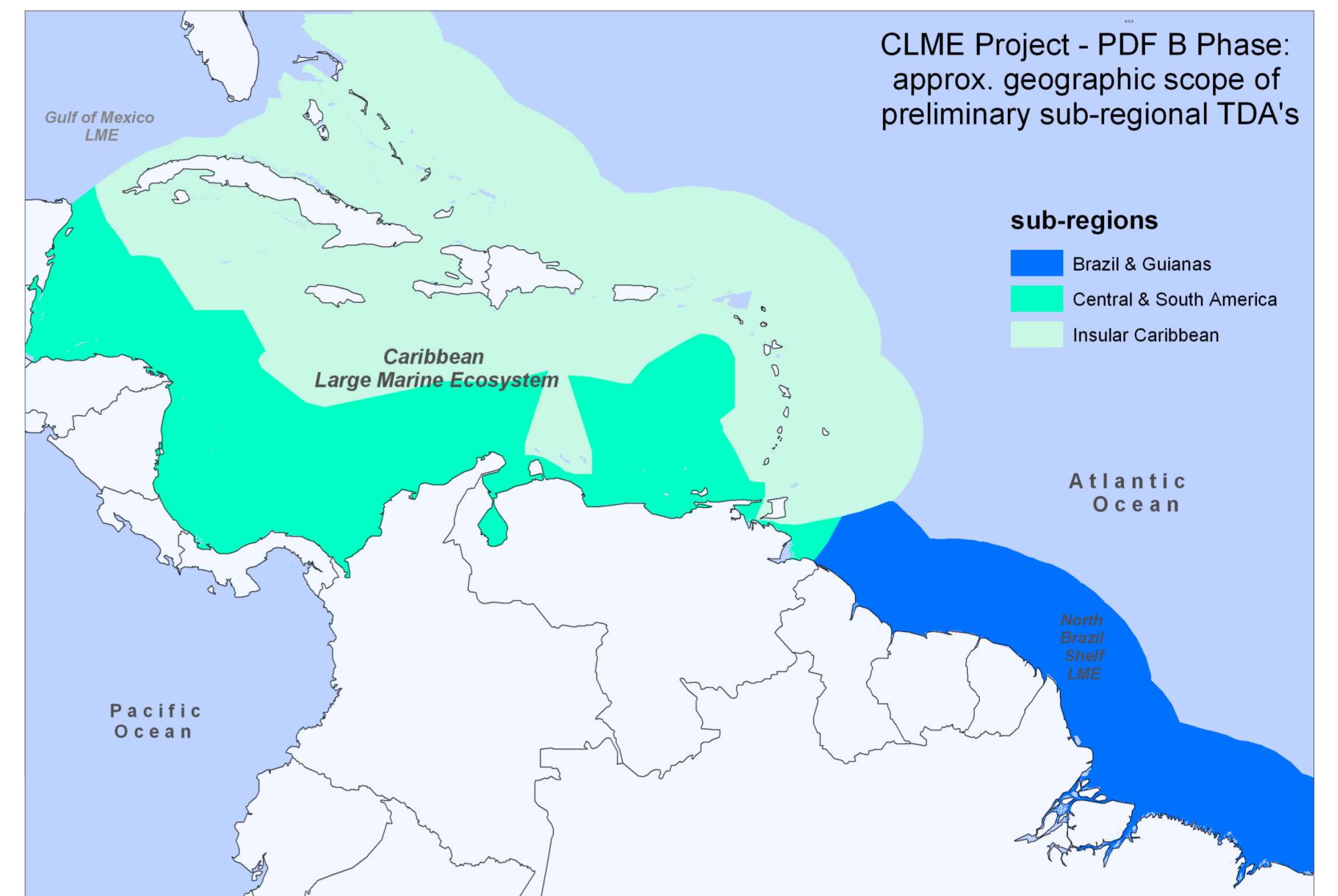
However, the updating of the TDA's under the Full-Sized Project implementation phase used an **alternative –innovative- approach**: rather than using the physical limits of the 3 former geographic subregions, ecological "limits" corresponding to 3 "fishery ecosystems" considered key to the sustainable management of the shared living marine resources in the Wider Caribbean were used as the departure point for the development of the updated TDAs.

The outcomes of these ecosystem-based TDA's were then combined with a **regional governance framework analysis** into an overarching "regional" TDA, covering the entire CLME.

The 3 selected key fishery ecosystems selected for the TDA analysis are:

- * REEFs and associated Ecosystems
- * PELAGIC Ecosystem
- * CONTINENTAL SHELF Ecosystem

Pilot Projects and **Case Studies** are under implementation to further trial **governance** and **management frameworks & options** at the (sub)-regional, national and local levels, and provide additional input for the development of the CLME's **Strategic Action Programme (SAP)**.



Ecosystem Approach to Fisheries / Ecosystem-based Management (EAF/EBM)

