

Report of the CCLME Inception Workshop

2-3 November 2010, Dakar, Senegal

About the project “Protection of the Canary Current Large Marine Ecosystem”

The Canary Current Large Marine Ecosystem (CCLME) provides vital food and economic resources to coastal populations bordering the Large Marine Ecosystem (LME), and also to much of Western Africa. It has one of the highest fisheries productions among the African large marine ecosystems and the coastal zone also provides critical fish habitat, wood from mangrove and coastal and marine space for agriculture, aquaculture, urban development, tourism and transport.

The CCLME project is unique in its strategic combination of fisheries and ecosystem governance frameworks. The project aims to enable the participating countries to address priority transboundary concerns on declining fisheries, associated biodiversity and water quality through governance reforms, investments and management programs. It will foster cooperation among project countries and contribute to a strengthened monitoring of the status of the CCLME that is based on sound science.

Cape Verde, Gambia, Guinea, Guinea-Bissau, Mauritania, Morocco and Senegal are all committed to working together in the CCLME project to address the degradation of the Canary Current Large Marine Ecosystem caused by over-fishing, habitat modification and changes in water quality by adoption of an ecosystem approach.

The project is funded by the Global Environment Facility (GEF) and co-financed by participating countries and other partners. Current partners include the French Development Agency (AFD), EAF-Nansen Project, National Oceanic and Atmospheric Administration (NOAA) of the USA, West African Regional Marine and Coastal Conservation Programme (PRCM), Swedish International Development Cooperation Agency (Sida), Sub-regional Fisheries Commission (SRFC) and Wageningen International.

The GEF agencies responsible to carry out the CCLME project are the Food and Agriculture Organization of the United Nations (FAO) and the United Nations Environment Programme (UNEP).

For more information, please visit www.canarycurrent.org

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For bibliographic purposes, please reference this publication as:

CCLME (2011) Report of the Inception Workshop of the project “Protection of the Canary Current Large Marine Ecosystem” (CCLME). Dakar, Senegal 2-3 November 2010. CCLME-2010-Meeting Report-01-eng, 34 pp

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Abbreviations

ACCC	Adaptation to Climate Change in Coastal Zones of West Africa (IOC-UNESCO)
AGS	Management and Cooperation Agency between Senegal and Guinea-Bissau (Agence de Gestion et de Coopération entre le Sénégal et la Guinée Bissau)
AFD	French Development Agency (Agence Française de Développement)
ASCLME	Agulhas and Somali Current Large Marine Ecosystem
CCLME	Canary Current Large Marine Ecosystem
CECAF	Fishery Committee for the Eastern Central Atlantic (FAO)
CMSP	Coastal and Marine Spatial Planning
CSE	Ecological Monitoring Center (Centre de Suivi Écologique)
EAF	Ecosystem Approach to Fisheries
ECOWAS	Economic Community Of West African States
ENDA-DIAPOL	Environmental Development Action in the Third World – Policy Dialogue and Perspectives (Environnement et Développement du Tiers Monde - Prospective Dialogues Politiques)
FAO	Food and Agriculture Organization of the United Nations
FIBA	International Foundation of Banc d'Arguin (Fondation Internationale du Banc d'Arquin)
GCLME	Guinea Current Large Marine Ecosystem
GDP	Gross Domestic Product
GEF	Global Environment Facility
GOOS-Africa	Global Ocean Observing System Africa (IOC-UNESCO)
GTZ	German Technical Cooperation
IEO	Spanish Institute of Oceanography (Instituto Español de Oceanografía)
IMR	Institute of Marine Research (Norway)
IMROP	Mauritanian Institute for Oceanographic Research and Fisheries (Institut Mauritanien des Recherches Océanographiques et des Pêches)
INRH	National Institute of Fisheries Research (Morocco) (Institut National de Recherche des Ressources Halieutique)
IRD	Institute of Research for Development (Institut de Recherche pour le Développement)
ISRA	The Senegalese Institute for Agricultural Research (Institut Sénégalais de Recherches Agricoles)
IOC-UNESCO	International Oceanographic Commission of the United Nations Educational, Scientific and Cultural Organization
IODE	International Oceanographic Data and Information Exchange (IOC-UNESCO)
IUCN	World Conservation Union

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IUU	Illegal, Unreported and Unregulated (IUU) (fishing)
LME	Large Marine Ecosystem
M&E	Monitoring and Evaluation
NAPA	National Adaptation Plan of Action
NEPAD	New Partnership for Africa's Development
NGO	Non-Governmental Organization
NOAA	National Oceanic and Atmospheric Administration (USA)
NIC	National Inter-Ministry Committee (of the CCLME project)
NPPF	National Project Focal Point (of the CCLME project)
NTC	National Technical Coordinator (of the CCLME project)
ODINAFRICA	Ocean Data and Information Network of Africa (IOC-UNESCO)
PARTAGE	The Project « Support to the Management of Artisanal Fisheries » (Projet d'Appui à la Gestion des Pêches Artisanales)
PNBA	Banc d'Arguin National Park (Parc National du Banc d'Arguin)
PRAO	West Africa Regional Fisheries Project (Projet Régional des Pêches en Afrique de l'Ouest)
PRCM	West African Regional Marine and Coastal Conservation Programme (Programme Régional de Conservation de la Zone Côtière et Marine en Afrique de l'Ouest)
PSC	Project Steering Committee
PSRA-Requins	The Sub-Regional Plan of Action for conservation and sustainable management of Sharks (Plan Sous-Régional d'Action pour la conservation et la gestion durable des populations de Requins)
RCU	Regional Coordinating Unit (of the CCLME project)
REPAO	Network on Fishery Policies in West Africa (Réseau sur les Politiques de Pêche en Afrique de l'Ouest)
SAP	Strategic Action Plan
SIDA	Swedish International Development Cooperation Agency
SMART	Specific, Measurable, Achievable, Realistic, Time-bound (indicators)
SRFC	Sub-Regional Fisheries Commission
TDA	Transboundary Diagnostic Analysis
UCAD	University Cheikh Anta Diop of Dakar
UEMOA	West African Economic and Monetary Union (Union Économique et Monétaire Ouest Africaine)
UNEP	United Nations Environment Programme
WWF-WAMER	World Wildlife Fund of the West African Marine EcoRegion

Executive Summary

The Inception Workshop of the project “Protection of the Canary Current Large Marine Ecosystem” (CCLME) was held in Dakar, Senegal from 2 to 3 November 2010. A total of 66 representatives from the seven participating countries, donors, partners and other stakeholders attended the workshop.

The overall aim of the workshop was to inform on the progress of the project since it became operational on 1 April 2010, to take into consideration the contributions of all parties involved in achieving the CCLME project objectives, and to present the project work plan.

The workshop was opened by Mr. Boubacar Ba, Permanent Secretary of the the Ministry of Maritime Economy of Senegal. Mr. Salah Ben Cherifi, Morocco, was selected Chairperson of the workshop, Ms. Azza Ahmed Cheikh Ould Jeddou, Mauritania, was selected Vice-Chair.

The Regional Project Coordinator summarized the work that had been undertaken since the start of the project. This was followed by a number of presentations introducing the main concepts and methodologies important for the CCLME project covering topics such as: “The Large Marine Ecosystem concept”; “The Ecosystem Approach to Fisheries (EAF) and the EAF Nansen Project”; “Methodologies for the preparation of a Transboundary Diagnostic Analysis (TDA) and a Strategic Action Plan (SAP) for the CCLME”; and “Monitoring and Evaluation of GEF LME Projects”.

A set of presentations to provide useful baseline information on the CCLME region were also provided on a range of topics: “Fisheries, state of stocks and main fishery management issues in the CCLME region”; “Main issues related to socioeconomic and governance aspects of fisheries”; Marine Biodiversity Assessment and Outlook – West and Central Africa Region and “Climate change and its impacts on the CCLME”. In addition, each participating country presented national reports.

An overview of the activities of the regional bodies, projects and NGOs active in the CCLME region in areas relevant to the project was provided by the invited representatives of these organizations.

The CCLME Regional Coordinating Unit presented the overall project work plan (2010-2015), the proposed stakeholder participation and communication strategy and the proposed technical working groups to be established by the CCLME project and their draft terms of references and invited input from the workshop participants.

A number of recommendations related to project management, project implementation, TDA/SAP development and monitoring and evaluation were made by the CCLME inception workshop to be considered by the CCLME Project Steering Committee.

Recommendations from the Inception Workshop of the CCLME project

The workshop participants:

Project management

1. Request the Regional Coordinating Unit (RCU) to keep the CCLME Project Steering Committee (PSC) regularly informed on the progress of activities and to consider its guidance during the preparation of work plans as well as during the implementation of retained activities.
2. Encourage the RCU to consider the representation of countries during the selection process of the technical and administrative project posts.

Project implementation

3. Suggest setting in place, as soon as possible, technical working groups with revised terms of references and, to ensure consistency and continuity, to consider the participation of certain members of the TDA working group also in the SAP working group.
4. Suggest to consider the inclusion of aspects related/linked to pollution and Illegal, Unreported and Unregulated (IUU) fishing in the terms of references of relevant working groups and, to avoid duplication, ask the RCU to approach the projects of the World Bank and European Union currently working on these issues.
5. In order to capitalize on knowledge and experiences in the sub-region, to optimize efforts and avoid duplication, recommend all partners to establish strong links with one another.
6. Recommend that the RCU takes into consideration and establish links with other LME projects (BoBLME, GCLME, BCC, ASCLME, etc) to benefit from their knowledge, experience and lessons learned that would facilitate the implementation of the CCLME project.
7. Note the importance of creating / strengthening the capacities of countries and suggest to the RCU the establishment of a platform to exchange experiences and to explore the possibility to propose activities including capacity building/training programmes of young scientists from the region.
8. Emphasize the importance of communicating all major events and results of the project to the public in general and decision makers in particular, and suggest making use of the media and the project's website and newsletter to distribute such information. The meetings of Abidjan Convention, Sub-Regional Fisheries Commission (SRFC) and NEPAD can provide useful platforms to share information at Ministerial level in the sub-region.

TDA and SAP development

9. Considering the multidimensional and multisectoral character of Large Marine Ecosystems (LMEs), request the RCU to take all necessary measures to ensure the active participation of all key actors in the elaboration of the TDA and to facilitate their ownership.
10. Request countries to submit to the RCU, (i) the nomination of resource persons to participate in the various technical working groups after receiving the criteria of appropriate expert profiles, and (ii) the national reports.

Monitoring and Evaluation

11. Recognize the necessity of revising the CCLME project's logical framework to take into consideration the actual situation and include also baseline information.

1. Launch of the CCLME project and opening of the workshop

1. Mr. Birane Sambe, Regional Project Coordinator of the Canary Current Large Marine Ecosystem (CCLME) project welcomed all the participants to the CCLME Inception Workshop and invited the representatives from the Food and Agriculture Organisation (FAO), the United Nations Environment Programme (UNEP) and the Sub-Regional Fisheries Commission (SRFC) to provide their welcome remarks. He indicated that the official opening of the workshop would be made by the Permanent Secretary of the Ministry of Maritime Economy of Senegal.

2. Mr. Amadou Ouattara, FAO Representative in Senegal, informed the workshop on the main objectives of the CCLME objectives in his welcome remarks and thanked the Global Environment Facility (GEF) for their support to the CCLME region. He welcomed strong and fruitful collaboration between FAO and UNEP in the implementation of the project and emphasized the importance of strong participation and involvement of countries.

3. Mr. Abou Bamba, Coordinator of the Abidjan Convention Secretariat of UNEP, emphasized the socio-economic importance of the fisheries and marine resources in the CCLME region and the importance of integrating sustainable management of fisheries with other sectoral activities in the marine zone. He thanked all partners and governments for their support to the CCLME project and repeated the strong support from UNEP and the Abidjan Convention Secretariat for the CCLME project activities.

4. Mr. Kane Ciré Amadou, Permanent Secretary of the SRFC, expressed his appreciation to participate in this CCLME Inception Workshop, especially considering SRFC's involvement in, and hosting of, the CCLME project during its preparatory phase. He emphasized the importance of both the fisheries and environmental components of the CCLME project and of the application of the Ecosystem Approach to Fisheries (EAF).

5. Mr. Boubacar Ba, Permanent Secretary of the Ministry of Maritime Economy opened the CCLME Inception Workshop on behalf of the Government of Senegal. He highlighted the successful bilateral and multilateral cooperation between the countries participating in the CCLME project and the importance of the CCLME for food security in the region referring also to the deterioration of this important ecosystem and the threats this may pose on the sub-region. He emphasized the need to set in place joint management arrangements and commended the participatory approach of the CCLME project and its integration of fisheries and environmental management. He ended his remarks by concluding that the CCLME project is an important initiative, which is well placed to respond to the need for strengthened management in the sub-region.

2. Organization of the workshop

2.1 Introduction

6. The overall aim of the workshop was to inform on the progress of the project since it became operational on 1 April 2010, to take into consideration the contributions of all parties involved in achieving the CCLME project objectives, and to present the project work plan.

7. A total of 66 participants attended the workshop. They included representatives from all CCLME participating countries, i.e. Cape Verde, the Gambia, Guinea, Guinea-Bissau, Mauritania, Morocco and Senegal. In addition, representatives from the CCLME GEF agencies FAO and UNEP

attended the workshop. Other represented organizations were the Abidjan Convention Secretariat, Management and Cooperation Agency between Senegal and Guinea-Bissau (AGS), Consultative Committee of Ocean Experts (Comité Consultatif d'Experts de la Mer), Ecological Monitoring Center (CSE), Environmental Development Action in the Third World – Policy Dialogue and Perspectives – Network on Fishery Policies in West Africa (ENDA DIAPOL – REPAO), International Foundation of Banc d'Arguin (FIBA), Guinea Current Large Marine Ecosystem (GCLME) project, German Technical Cooperation (GTZ), Green Senegal, Spanish Institute of Oceanography (IEO), Institute of Marine Research (IMR) (Norway), Institute of Research for Development (IRD), International Oceanographic Commission of the United Nations Educational, Scientific and Cultural Organization (IOC-UNESCO), the International Oceanographic Data and Information Exchange (IODE) of IOC-UNESCO, Adaptation to Coastal Climate Change in West Africa (ACCC) of IOC-UNESCO, Global Ocean Observatory System (GOOS) Africa of IOC-UNESCO, World Conservation Union (IUCN), MAVA Foundation, National Oceanic and Atmospheric Administration (NOAA), the project « Support to the Management of Artisanal Fisheries » (PARTAGE) of IUCN, Banc d'Arguin National Park (PNBA), West African Regional Marine and Coastal Conservation Programme (PRCM), West African Regional Fisheries Project (PRAO), Sub-Regional Fisheries Commission (SRFC), University of Ziguinchor, Wetlands International – Afrique and World Wildlife Fund – West African Marine EcoRegion (WWF-WAMER). The list of participants is attached as Annex 1.

2.2 Election of Chair and Vice-chair

8. Mr. Salah Ben Cherifi, Head of the Department of Fisheries Resources, National Institute of Fisheries Research (INRH) of Morocco was elected Chairperson of the workshop. Mrs. Azza Ahmed Cheikh Ould Jeddou, Director of Management of Resources and Oceanography of Mauritania was elected Vice-Chairperson of the workshop. Mr. Babacar Mbaye from the Department Fisheries of Senegal and Ms. Birgitta Liss Lymer of the CCLME Regional Coordinating Unit (RCU) were elected Rapporteurs of the workshop.

2.3 Information on work schedule

9. The Regional Project Coordinator informed the participants that the workshop would be conducted in plenary, but that ad hoc working groups could be formed if required. The workshop would be conducted in French and in English. Translation would be available for both these languages.

2.4 Adoption of the workshop agenda

10. The agenda was discussed, adopted and is attached as Annex 2.

3. Overview of CCLME project activities to date

11. The Regional Project Coordinator was invited to present a summary on the project objectives and the work that had been undertaken since the project became operational on 1 April 2010. He informed that the CCLME project aims to enable the participating countries to address priority transboundary concerns on fisheries, associated biodiversity and water quality through governance reforms, investments and management programs. It will foster cooperation among the seven project countries (Morocco, Mauritania, Cape Verde, Senegal, Gambia, Guinea-Bissau and Guinea) and contribute to a strengthened monitoring of the status of the CCLME that is based on sound science. He mentioned that the CCLME project is funded by GEF together with co-financing from countries and partners. FAO and UNEP act as GEF agencies of the project that consists of three components:

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- Multi-country process and frameworks for understanding and addressing priority transboundary concerns;
- Strengthened policies and management, based on improved knowledge and demonstration actions, to address priority transboundary concerns on declining marine living resources of the CCLME; and
- Strengthened knowledge, capacity and policy base for transboundary assessment and management of habitat, biodiversity and water quality critical to fisheries

The main accomplishments to date included:

Component 1 – « Process »

- Establishment of the Regional Coordinating Unit (RCU) and recruitment of the Regional Project Coordinator, an Administrative Assistant and a Marine Resources and Coastal Management Officer (seconded by the Swedish Government)
- Establishment of National teams (National Project Focal Points and National Technical Coordinators) in all seven participating countries
- Institutional coordinating arrangements between the RCU, FAO technical unit, UNEP and the Abidjan Convention Secretariat
- Development of a project website, distribution of the first CCLME project newsletter and the development of a CCLME folder
- Preparations for the TDA development including the development of a national reporting format for the CCLME Inception Workshop, development of draft terms of references for the technical working groups of the project and recruitment of consultants to provide inputs regarding baseline information on the CCLME to the inception workshop
- Development of a draft stakeholder participation and communication strategy and a draft CCLME monitoring and evaluation plan for discussion at the CCLME Inception Workshop and first PSC meeting
- Updated project work plans for the duration of the project (2010-2015) and for the coming year (2011)
- Preparation of project progress reports according to FAO/UNEP/GEF requirements

Component 2 – « Marine Living Resources »

- Participation in the FAO working group on the assessment of pelagic resources
- Collaboration with the EAF-Nansen project for the organization of a number of meetings for the CCLME region in October 2010 (Nansis training, CCLME surveys planning meeting, meeting of the planning group for the coordination of acoustic surveys and the EAF-Nansen Project Steering Committee Meeting). Several of these meetings were hosted by the SRFC.
- Technical coordination meetings with project partners to discuss demonstration project activities
- Participation in the second PARTAGE scientific working group meeting

Component 3 – « Biodiversity, Habitat and Water Quality »

- Discussions with project partners regarding demonstration project activities

12. The workshop thanked and congratulated the Regional Project Coordinator for his informative presentation and for the achievements in launching the CCLME project and its important activities in such a short time.

13. The representatives from FIBA and IUCN highlighted the importance of identifying synergies with the Regional MPA Network and the activities of UEMOA regarding the mapping the CCLME coastline and asked the CCLME project to take these activities into consideration. The workshop also noted the necessity of considering important coastal areas also outside of MPAs. Several workshop participants mentioned the importance of the integration of aspects related to climate change in the CCLME project.

14. It was suggested that the RCU would continue to link up with ongoing initiatives at regional and national levels to maximize the benefits of the activities throughout the implementation of the project.

15. The workshop participants also noted the current ongoing recruitment processes and requested the RCU to consider the representation of the CCLME countries in the RCU.

16. The Regional Project Coordinator ensured that the recruitment processes are undertaken according to FAO and UNEP procedures and that these would be transparent. He informed on the fact that the CCLME project would establish a working group on climate change, a demonstration project on MPAs and that all potential partners, including UEMOA, are being contacted to establish collaboration. In this regard, an invitation to attend this workshop had been extended to UEMOA, but they had been unable to participate.

4. Concepts and methodologies important for the CCLME project

4.1 The Large Marine Ecosystem Concept

17. Mr. Bradford Brown, NOAA consultant, provided an overview of the Large Marine Ecosystem (LME) concept, including background information on how the LME concept came about and was widely adopted as a scientific concept to define areas for marine transboundary management. He also introduced the concept of Coastal and Marine Spatial Planning (CMSP) which is now gaining increasing attention by major donors. He emphasized that the ecosystem based approach is integral to the LME concept which has defined a number of « LME modules » : Productivity, Fish and Fisheries, Pollution and Ecosystem Health, Socioeconomic and Governance. For each of these modules a number of indicators have been identified to track progress. He moved on to further explain each LME module. He discussed the African LMEs Guinea current, Benguela current, Agulhas and Somali current and the important contribution of their projects to the sustainability of Africa's marine environment.

4.2 The Ecosystem Approach to Fisheries (EAF) and the EAF Nansen Project

18. Ms. Merete Tandstad, FAO, introduced the main concepts and key features of the Ecosystem Approach to Fisheries (EAF) including some examples of its implementation in Africa facilitated by the EAF-Nansen Project. She also explained how EAF can be used to identify key climate change issues. She emphasized the importance of the participatory approach when applying EAF and highlighted some of the key concepts including the precautionary approach, use of best available knowledge, adaptive management and stakeholder participation.

19. The workshop noted the importance of EAF and the EAF-Nansen Project for the CCLME project and encouraged the establishment of a formal collaboration between the two projects.

4.3 Methodologies for the preparation of a Transboundary Diagnostic Analysis (TDA) and a Strategic Action Programme (SAP) for the CCLME

20. Mr. Michael O'Toole, FAO consultant, informed on the best practices and lessons learned in relation to the TDA and SAP processes of the Benguela Current Large Marine Ecosystem and provided a number of recommendations for consideration by the CCLME project. These included :

- Make sure that the TDA, as adopted by the Steering Committee, is published and widely available.
- The TDA should be based on a broad synthesis approach describing root causes of transboundary problems providing clear information relating to the degree of degradation and changing state of the LME. It should prioritize the causes and sources of the transboundary problems, propose practical preventative and remedial and specific action areas i.e. recovery of depleted fish stocks restoration of habitat and reduction of pollution.
- Make the effort to ensure that the CCLME TDA is a relevant and scientifically valid document upon which the Strategic Action Plan (SAP), which is a negotiated policy document signed off by Ministers, can be based.
- Decide on a project policy for the translation of documents to reduce the enormous work load of translation of all documents in all languages.

4.4 Monitoring and Evaluation of GEF Large Marine Ecosystem Projects

21. Ms. Kuena Korebotsana, FAO, presented the Monitoring and Evaluation (M&E) requirements of GEF LME projects. She highlighted that the most important information for the stakeholders during the project implementation is whether or not the project is achieving its objectives. She explained the definitions of monitoring (tracking to determine progress) and evaluation (determine whether objectives have been achieved) and highlighted that each GEF project's monitoring and evaluation plan should contain the following: SMART (Specific, Measurable, Achievable, Realistic and Time-bound) indicators, baseline data, list of reviews and evaluations to be undertaken (mid-term, final evaluations), and organizational set-up. Periodic reports (Project Implementation Reviews) are to be submitted to report on project progress. She also explained the importance of the logical framework matrix and the potential need of revising it after the inception workshop to also include baseline information.

22. The workshop noted the potential need for revising the CCLME logframe.

5. Baseline information on the Canary Current Large Marine Ecosystem

5.1 Fisheries, the state of stocks and main fishery management issues in the CCLME region

23. Ms. Ana Maria Caramelo, FAO consultant, provided an overview of the fisheries, state of principle stocks and main fishery management issues in the CCLME region. In her presentation, she highlighted that the main demersal resources in the sub-region are overexploited. Most of the small pelagic stocks are considered fully exploited, although some important stocks have been considered

overexploited in recent years. These stocks are also highly influenced by changes in environmental conditions.

5.2 Main issues related to socioeconomic and governance aspects of fisheries

24. Mr. Hamady Diop, SRFC, informed on the socio-economic importance of fisheries in the CCLME region. He referred to the important economic contribution from the fisheries sector to the region and its importance for food security. He indicated that the main export destinations are Europe and inland Africa. He also provided an analysis of the governance structure in fisheries in each of the CCLME countries.

5.3 Marine Biodiversity Assessment and Outlook – West and Central Africa Region

25. Mr. Abou Bamba, the Abidjan Convention Secretariat (UNEP), gave a brief introduction of the Abidjan Convention clarifying that Morocco is the only CCLME participating country which is not yet a member. Mr. Bamba's presentation was based on the report « Global Synthesis – A report from the Regional Seas Conventions and Action Plans for the Marine Biodiversity Assessment and Outlook Series » prepared for the Conference of the Parties of the Convention on Biological Diversity that was held in Nagoya, Japan in October 2010. His presentation provided an overview of the main issues related to biodiversity, habitat and water quality in the CCLME and Abidjan Convention regions, which he summarized as nutrient pollution and a combination of increased shipping activity, rising sea surface temperatures and new invasive species. He also referred to the need for MPAs with proper management plans.

5.4 Climate change and its impacts on the CCLME

26. Ms. Isabelle Niang, Project Coordinator of the ACCC project of IOC/UNESCO, gave a presentation on climate change and its impacts on the CCLME. Her presentation included information on studies indicating changes of the upwellings, which can have serious impacts on the fisheries in the CCLME region. Other important issues related to climate change included ocean acidification (that could also lead to changes in the species distribution) and the risks posed on artisanal fishermen because of the increased occurrence of extreme weather events. She also showed data indicating that the sea-level rise in the region might be even higher than previously reported. To ensure sustainable fisheries she emphasized the need for further research, monitoring and observation of climate change impacts. She further noted that plans for area protection (including MPAs), integration of environment/fisheries management and participation of stakeholders would be required to address this issue.

27. The participants took note of the need for integrated coastal management in general, the need for sharing experiences in coastal zone management between countries, and the importance of applying the ecosystem approach during implementation of the CCLME project.

28. The participants discussed the progress of countries in developing National Adaptation Plans of Action (NAPAs), the need to implement these NAPAs and considered the possibility of coordinating efforts for funding their implementation.

6. Country presentations

6.1 Cape Verde

29. Ms. Sonya Araujo, Department of Environment, Ministry of Environment and Agriculture, Cape Verde, presented the national report of Cape Verde introducing the main characteristics of the marine and coastal areas of Cape Verde and its fishery sector. Her presentation focused primarily on the project on conservation and monitoring of marine turtles in Cape Verde.

6.2 The Gambia

30. Mr. Momodou Sarr, National Environment Agency of Gambia, presented the Gambia's national report to the workshop, summarizing the characteristics of the Gambia's marine/coastal environment and fishery sector, heavily influenced by the river Gambia and its estuarine zone. He explained that as a result of Gambia's densely populated coastline, its large and economically important coastal tourism sector and the very important fisheries sector, Gambia's coast is heavily exploited. Tourism that contributes to over 12% of the GDP is the fastest growing sector of the economy and contributes significantly to foreign exchange earnings. He listed some of the main threats to Gambia's coastal zone as mangrove harvesting, wetland drainage, infrastructure development and coastal erosion. In his presentation he also provided a number of recommendations for the CCLME project to consider including the formation of a climate change working group ; the active participation of the PSC in decision making ; the organization of a forum for National Technical Coordinators to exchange experiences ; and the importance of building strong linkages with other GEF funded projects such as the GCLME and ACCC.

6.3 Guinea

31. Mr. Aboubacar Youla, Center for Environmental Protection of Marine and Coastal Areas, presented the national report of Guinea to the workshop, summarizing the main characteristics of the Guinea coastal and marine areas, its fisheries sector, including its socioeconomic importance. His presentation also covered the main challenges facing the marine/coastal environment and the fishery sector and a summary of the main institutions responsible for managing the coastal, marine, and fisheries of Guinea.

6.4 Guinea-Bissau

32. Mr. Seco Cassama, Department of Environment of Guinea-Bissau, presented the national report of Guinea-Bissau to the workshop summarizing the main characteristics of marine, coastal and fishery resources, information on the fisheries sector and its main stakeholders as well as national monitoring and management activities in these areas. In his presentation

6.5 Mauritania

33. Mr. Mohamed Mahfoud Taleb Sidi, Mauritanian Institute for Oceanographic Research and Fisheries (IMROP), Mauritania, presented the national report of Mauritania to the workshop including a summary of the main characteristics of marine fishery resources and their environment. He presented information on the fisheries sector including its economic importance. He described the rich resources and marine science efforts in the Bank of Arguin as well as the 25 year history of research cruises. He also informed on the oceanography of the region and its sedimentology.

6.6 Morocco

34. Mr. Salah Ben Cherifi, National Institute of Fisheries Resources (INRH), Morocco, presented the national report of Morocco to the workshop summarizing the composition of Morocco's fishery sector, its socio-economic contributions, Morocco's governance and institutional arrangements, its scientific research activities and its participation in multilateral collaboration.

6.7 Senegal

35. Mr. Babacar Mbaye of the Department of Fisheries of Senegal, presented the national report of Senegal providing national statistics regarding the fishery and marine environment sector, its socio-economic importance, its physical and biological characteristics and the state of fisheries and marine environment. His presentation also covered the local and national governance of fisheries and marine environmental issues, multilateral cooperation and Senegal's existing monitoring, control and surveillance programme.

6.8 Discussion

36. The Regional Project Coordinator clarified that the RCU had wished to have received the national reports before the organization of the workshop to be able to produce a synthesis useful for the TDA development. For this reason, a format had been developed by the RCU to assist in identifying the relevant information and sent to countries in the beginning of September 2010. Unfortunately, some countries had not been able to submit their reports in time for various reasons, primarily because of problems of communication.

37. The Regional Project Coordinator highlighted the importance of national teams to respond in time to facilitate the effective implementation of activities. He complimented Cape Verde, Guinea and Guinea Bissau for having submitted their national reports to the RCU prior to the workshop. He thanked all countries for their presentations and stated that in any case, all the information collected and presented at the workshop would be used in the development of the TDA.

7. Overview of activities of regional bodies and NGOs in the CCLME area

7.1 IRD

38. Mr. Weigel, Institute of Research for Development (IRD) of France, informed on a four-step social-ecological approach methodology developed by IRD for application to coastal communities to reduce socio-economic and environmental vulnerability and recommended that this be considered by the CCLME project.

7.2 GOOS-Africa

39. Mr. Mbaye Diop, representing the Project Coordinator of the Global Ocean Observing System Africa (GOOS-Africa) that had been unable to attend the workshop, introduced the activities of GOOS-Africa as offering operational services in the field of oceanography and fostering partnerships in this area. GOOS-Africa has developed methods to identify oil spill, bush-fires, and to monitor coastal erosion etc through remote sensing. GOOS-Africa is also working to promote collaboration between different LMEs and is working with a network of research institutions both within and outside of Africa. In his presentation, Mr. Diop also highlighted some of the challenges faced by GOOS-Africa in facilitating the access to field and remote sensing data obtained by other partners.

7.3 ODINAFRICA

40. Mr. Mika Odido, Ocean Data and Information Network for Africa (ODINAFRICA), informed the workshop that ODINAFRICA is working closely with several other LME-projects and highlighted a number of potential areas for collaboration with the CCLME including the development of marine atlases, marine literature repositories and clearing house mechanisms. He recommended the CCLME project to review the collaboration between ODINAFRICA and ASCLME in order to identify types of collaboration that could be useful for the CCLME project.

7.4 PSRA-Requins

41. Mr. Mika Diop, The Sub-Regional Plan of Action for conservation and sustainable management of Sharks (PSRA-Requins), SRFC, informed the workshop on the main activities in implementing the sub-regional action plan for the conservation and sustainable management of the shark populations. His presentation included information on the historical background and main objectives of the action plan and the project donors and implementing institutions including FIBA, SRFC and national institutions. Mr. Diop also summarized the main project progress to date in the areas of tax incentives / disincentives, specific fishing licences, establishment of MPAs and special management zones etc.

7.5 IRD-UCAD / University of Ziguinchor

42. Mr. Bamol Ali Sow, University of Ziguinchor, Senegal, informed the workshop on the activities on physical oceanographic modeling undertaken in collaboration between IRD-UCAD and the University of Ziguinchor. He noted that experimental studies of ocean circulation undertaken in Senegal could be useful for the CCLME project. He emphasized the need to take into consideration oceanographic aspects (atmospheric influences, currents, sea level, surface temperatures etc.) including physics and biochemistry as well as geology and geography to increase the understanding of the marine environment and its variability.

7.6 IUCN / PARTAGE

43. Mr. Cheikh Inejih, Coordinator of the project "Support to the Management of Artisanal Fisheries" (PARTAGE), summarized the main activities of the PARTAGE project and its synergies with the CCLME as part of the CCLME demonstration project on the « Transboundary co-management of migratory coastal species of importance to artisanal fisheries (mulletts, bluefish and meagre) ». He informed the workshop that the PARTAGE project covers only Senegal and Mauritania, but that the CCLME demonstration project also includes Morocco and Gambia.

7.7 PRCM

44. Ms. Khady Sany Diouf, West African Regional Marine and Coastal Conservation Programme (PRCM), summarized briefly the background and donors of the PRCM, its partners, its main activities and emphasized the importance of the West African Marine and Coastal Forum that is organized by PRCM each 18 months. She summarized the contributions of PRCM to the sub-region as setting in place a vast partnership and subregional cooperation addressing regional transboundary issues bringing together and building synergies among a range of stakeholders. She also highlighted the importance of the various partner projects and their contributions under the PRCM umbrella including their involvement with the Economic Community Of West African States (ECOWAS). She ended her presentation with welcoming collaboration between PRCM and the CCLME project.

7.8 WWF-WAMER

45. Mr. Niamadio Ibrahima, World Wildlife Foundation (WWF), informed on the activities of WWF West Africa Marine Ecoregion (WAMER) and highlighted especially its MPA efforts. He also mentioned activities undertaken by WWF-WAMER to evaluate the impacts of fisheries agreements signed by and between various countries. He informed on the availability of WWF for future collaboration with the CCLME project on common issues of interest.

7.9 IEO

46. Ms. Ana Ramos, Spanish Institute of Oceanography (IEO), gave a short summary on the activities of the IEO in the area of ecosystem research, especially in relation to their ECOAFRIK project. These activities include a number of ecosystem surveys undertaken off the CCLME coast. Surveys have been conducted primarily in the northern area of the CCLME and to a more limited extent in the southern part of the sub-region and have concentrated primarily on demersal resources and benthic biodiversity. IEO cruises have also documented a 400 km long deepwater coral reef off Mauritania. Ms. Ramos ended her presentation by welcoming collaboration with the CCLME project.

7.10 GCLME

47. Mr. Mohamed Seisay, Guinea Current Large Marine Ecosystem (GCLME) project, noted that the CCLME and GCLME projects share two participating countries, namely Guinea and Guinea-Bissau, and that they share an important project partner in the EAF-Nansen Project. He informed that the GCLME has taken the initiative to provide a platform to discuss issues related to LMEs to strengthen collaboration between regions. He also informed the workshop that the GCLME project had established procedures to monitor the progress of its demonstration projects and invited collaboration with CCLME. He summarized the main activities of the GCLME project including the establishment of Regional Activity Centres or centres of excellence for input on specific issues. He mentioned that the GCLME Project has been able to collect data on the countries Guinea and Guinea-Bissau that could be shared with the CCLME project. He also stated that the GCLME was proposing a meeting for African LMEs next year.

7.11 PRAO

48. Mr. Demba Kane, West Africa Regional Fisheries Project (PRAO), introduced briefly the main objectives and activities of the PRAO project particularly the project component on « Good Governance » which is integral for effective fisheries management. He also highlighted the importance of addressing the issue of IUU fishing.

7.12 ACCC

49. Ms. Isabelle Niang, Adaptation to Climate Change in Coastal Zones of West Africa (ACCC) project, IOC-UNESCO, summarized the main activities of the ACCC project and its potential synergies with the CCLME. She explained that the ACCC is also a GEF project, but that it is working primarily with coastal erosion. A number of sites have been identified by the five participating ACCC countries for demonstration activities regarding dune stabilization, mangrove restoration, development of eco-tourism, etc. At the same time the ACCC is working at the national level with the mainstreaming of climate change issues into sectoral and development policies. At regional levels, the project is mainly engaged in capacity building, communication and exchange, as well as on regional cooperation. She noted that the ACCC project will end in 2011 and that the CCLME project can use the information obtained through the project in the development of its program priorities. She

ended her presentation with welcoming a formalized collaboration between the ACCC and the CCLME projects indicating that there could be opportunities for collaboration in developing a proposal addressing climate change for funding after the end of the ACCC project.

7.13 ENDA DIAPOL - REPAO

50. Mr. André Bihindi, Environmental Development Action in the Third World – Policy Dialogue and Perspectives (ENDA DIAPOL) Network on Fishery Policies in West Africa (REPAO), highlighted the importance of considering the fragmented policies in the area of fisheries management. In this regard, he mentioned that their studies in areas such as access and illegal fishing should be useful for the CCLME project. He also referred to a diagnostic analysis of the organizations active in the field of fisheries management. He stated that this information would be made available to the CCLME project.

7.14 Green Senegal

51. Ms. Vore Gana Seck, Green Senegal, introduced briefly the NGO Green Senegal and the NGO network that it belongs to. She introduced its program on watersheds and informed the workshop that Green Senegal has been working on the urgent issue of soil salinization together with the Senegalese Institute of Agricultural Research (ISRA), including studies to assess the resilience and increase fertility of soils.

7.15 Summary

52. The Vice-Chair summarized the conclusions from this session as the needs to capitalize on the existing activities in the CCLME region and develop partnerships, build capacity of researchers and decision makers, harmonize legislation to protect threatened species, regularly monitor environmental parameters to improve the knowledge of the ecosystem, harmonize fisheries management policies between the countries in the region, and to improve communication activities, taking into account the characteristics of each country and the targeted communities.

8. Review of planned CCLME project activities

8.1 The CCLME work plan

53. Mr. Birane Sambe, Regional Project Coordinator, presented the draft overall CCLME work plan (2010-2015) to the workshop, explained the main activities to be undertaken and highlighted the activities to be initiated during 2011. In his presentation, Mr. Sambe highlighted that this work plan was based on the original work plan developed during the project preparatory phase and that only minor modifications had taken place to adjust the timing of certain activities and to update some activities to correspond to ongoing developments in the region.

8.2 The draft communication and stakeholder participation strategy

54. Ms. Birgitta Liss Lymer, CCLME RCU, presented the draft communication and stakeholder participation strategy. She explained that this strategy is based on the draft strategy that was developed during the project preparatory phase, but that a communication section had been added and that it has drawn inspiration from other communication strategies recently developed by CCLME partner projects such as EAF-Nansen and Bay of Bengal LME. At the end of her presentation she invited inputs and discussion on this draft strategy from the workshop participants.

8.3 Proposed working groups

55. Mr. Birane Sambe, CCLME RCU, presented the proposed technical working groups to be established by the CCLME project and their draft terms of references. The proposed working groups to be established are:

- TDA Working Group
- SAP Working Group
- Climate Change Working Group
- Socio-economic and Trade Working Group
- Working Group on Ecosystem Survey Planning and Analysis
- Working Group on Assessment of Demersal Resources (existing CECAF working group)
- Working Group on Assessment of Pelagic Resources (existing CECAF working group)
- Biodiversity, Habitat and Water Quality Issues Working Group

8.4 Discussion

56. With regard to the CCLME work plan, the workshop participants recommended that more detailed information on the demonstration projects and their partners is made available. It was also recommended that the project considers how to best address the needs for further training and capacity building in the sub-region.

57. With regard to the working group terms of references, some workshop participants wished that also other issues such as those related to IUU fishing and oil exploration could be taken into consideration.

58. With regard to the composition of the working groups, some remarks were made regarding the composition of the TDA and SAP working groups and that these were to be given extra attention to ensure consistency between the TDA document and the SAP. Furthermore, it was requested that the CCLME RCU provide further information on how working group members would be selected.

59. With regard to the proposed CCLME stakeholder participation and communication strategy, the importance of its successful implementation was noted and one participant recommended making use of the media, including radio and television, as much as possible to communicate the messages of the CCLME project. It was suggested that the project consider also the platforms of ministerial meetings organized as part of the Abidjan Convention, ECOWAS, NEPAD, SRFC and others to share information on the CCLME objectives and results. The importance of integrating different stakeholder groups for the best results during stakeholder consultations was underlined.

60. The Regional Project Coordinator thanked the participants for all the comments and suggestions and noted that all the observations would be presented and discussed at the following day's steering committee meeting. He clarified that the 2011 work plan would be discussed during tomorrow's project steering committee meeting and that this work plan includes more detailed information on each of the demonstration projects.

61. With regard to the establishment of the working groups, the RCU would communicate with countries for them to nominate members. He also mentioned that representatives from organizations can announce their interest in participating in the working groups to the RCU.

9. Workshop recommendations

62. Based on the information provided and the workshop discussions, the CCLME Inception Workshop made a number of recommendations on project management, project implementation, TDA and SAP development and on Monitoring and Evaluation (see page 9).

10. Closure of workshop

63. The Regional Project Coordinator thanked all the participants for their valuable input during this inception workshop. He emphasized that this project is a joint effort between countries and implementing agencies. He reminded countries of the importance of their cooperation regarding the planned activities at the national level and the need of meeting their co-financed contributions in ensuring the success of the project. In accordance with the procedures of GEF financed projects each of the seven participating countries has signed a commitment letter ensuring an annual financial contribution to the project.

64. The Chairperson expressed his appreciation to FAO, UNEP and the CCLME RCU for the successful organization of this important CCLME Inception Workshop and closed the workshop.

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Annex 2 : Agenda

DAY 1: TUESDAY 2 NOVEMBER	
Registration - Enregistrement	8.30 – 9.00
1. Launch of the CCLME project and opening of the workshop - Lancement du projet CCLME et ouverture de l'atelier	9.00 – 10.00
<i>Coffee break – Pause café</i>	<i>10.00 – 10.30</i>
2. Organisation of the workshop - Organisation de l'atelier 2.1. Introduction of participants - Présentation des participants 2.2. Election of Chair, Vice-chair - Election du Président, Vice-président 2.3. Information on work schedule – Information du programme 2.4. Adoption of the workshop agenda - Adoption du l'ordre du jour de l'atelier	10.30 – 11.00
3. Overview of CCLME project activities to date - Aperçu des activités du projet CCLME entreprises : <i>CCLME RCU/URC</i>	11.00 – 11.30
4. Concepts and methodologies important for the CCLME project - Importants concepts et méthodologies du projet CCLME 4.1. The Large Marine Ecosystem (LME) concept - Le concept sur le Grand Ecosystème Marin (GEM) : <i>Bradford Brown</i> 4.2. The Ecosystem Approach to Fisheries and the EAF Nansen Project – L'Approche Écosystémique des Pêches et le projet EAF Nansen: <i>Merete Tandstad, FAO</i> 4.3. Methodologies for the preparation of a Transboundary Diagnostic Analysis (TDA) and a Strategic Action Programme (SAP) for the CCLME - Méthodologies de la préparation d'une Analyse Diagnostique Transfrontalière (ADT) et d'un Programme d'Action Stratégique (PAS) pour le CCLME : <i>Michael O'Toole</i> 4.4. Monitoring and evaluation of GEF LME projects - Suivi et évaluation des projets GEM du FEM : <i>Kuena Morebotsane, FAO</i>	11.30 – 11.50 11.50 – 12.20 12.20 – 12.40 12.40 – 13.00
<i>Lunch break – Pause déjeuner</i>	<i>13.00 – 14.30</i>
5. Baseline information on the Canary Current Large Marine Ecosystem – Information de base sur le grand écosystème marin du courant des Canaries 5.1. Fisheries, state of stocks and main fishery management issues in the CCLME region – Les pêcheries, l'état des stocks et les problèmes de pêche dans la région CCLME : <i>Anamaria Caramelo</i>	14.30 – 14.50

5.2. Main issues related to socioeconomic and governance aspects of fisheries – Principales questions liées aux aspects gouvernance et socio-économique des pêches : <i>Hamady Diop, SRFC/CSRP</i>	14.50 – 15.10
5.3. Main issues relating to biodiversity, habitat and water quality in the CCLME region - Principales questions liées à la biodiversité, l'habitat et la qualité de l'eau dans la région CCLME : <i>Abou Bamba, UNEP/Abidjan Convention Secretariat</i>	15.10 – 15.30
5.4. Climate change and its impacts on the CCLME – Les impacts des changements climatiques dans la zone CCLME : <i>Isabelle Niang, UNESCO/ACCC</i>	15.30 – 15.50
<i>Coffee break – Pause café</i>	<i>15.50 – 16.15</i>
6. Country presentations – Présentations pays	
6.1. Cape Verde – Cap-Vert	16.15 – 16.30
6.2. The Gambia – Gambie	16.30 – 16.45
6.3. Guinea - Guinée	16.45 – 17.00
DAY 2: WEDNESDAY 3 NOVEMBER	
6.4. Guinea-Bissau – Guinée-Bissau	9.00 – 9.15
6.5. Mauritania - Mauritanie	9.15 – 9.30
6.6. Morocco – Maroc	9.30 – 9.45
6.7. Senegal - Sénégal	9.45 – 10.00
7. Overview of activities of regional bodies and NGOs in the CCLME area - Aperçu des activités des organismes régionaux et ONGs dans la zone du CCLME	10.00 – 12.00
<i>Coffee break – Pause café</i>	<i>10.30 – 11.00</i>
8. Review of planned CCLME project activities - Examen des activités planifiées pour le projet CCLME	
8.1. The CCLME work plan – Plan de travail du CCLME: <i>CCLME RCU/URC</i>	12.00 – 12.30
8.2. Draft stakeholder participation and communication strategy – Stratégie proposée de participation des parties prenantes et de communication : <i>CCLME RCU/URC</i>	12.30 – 12.45
8.3. Proposed working groups – Groupes de travail proposes: <i>CCLME RCU/URC</i>	12.45 – 13.00
<i>Lunch break – Pause déjeuner</i>	<i>13.00 – 14.30</i>
8.4 Discussion	14.30 – 15.30
<i>Coffee break – Pause café</i>	<i>15.30 – 16.00</i>
9. Endorsement of workshop recommendations - Adoption des recommandations issues de l'atelier	16.00 – 17.00
10. Closure of workshop – Clôture de l'atelier	17.00