**SOUTHEAST PACIFIC DATA AND INFORMATION NETWORK IN SUPPORT TO INTEGRATED COASTAL AREA MANAGEMENT**

**(SPINCAM)**

**SPINCAM II PROJECT PROPOSAL (Version 1.07.2012)**

**INTRODUCTION**

 *The ICAM context*

Integrated Coastal Area Management (ICAM), known also as Integrated Coastal Zone Management (ICZM), is a continuous and dynamic process that permits harmonization and coordination among institutions and user groups with authority and interests in coastal areas and resources, aiming for the sustainable use, development, and protection of coastal and marine areas and resources. Since the 1990s the concept of ICAM has been recommended by UNCED (Rio de Janeiro, 1992) and, more recently, WSSD (Johannesburg, 2002), as well as several global and regional conventions (CBD, 1995; GPA-LBA, 1995; Regional Seas Convention, revised in 1995). These instruments have recognized ICAM as way to achieve the sustainable management of the coastal zones. In addition to this, theUnited Nations Regular Process for global reporting and assessment of the state of the marine environment, including socio-economic aspects (UNGA, 2009) welcomes coastal management under an integrated perspective.

Countries in Latin America and Caribbean are at different stages of implementation and different institutional models are in place in the regions with regards to ICAM. In some cases, national ICAM strategies, policies or legislation exist, but they are not being adequately implemented. A reflection of this situation is that ICAM initiatives in the region are focused on the local level, and, moreover, they are generally triggered by natural or human disasters and/or severe coastal conflicts.There is also alack of proactive policies for the sustainable development of coastal areas.

At regional level, the Permanent Commission for the South Pacific (CPPS, inSpanish), which includes Chile, Peru, Ecuador and Colombia, is the organization responsible for the coordination of marine policies of its member states. Thepreoccupation of implementing regional cooperation activities for the wise planningof coastal zones is expressed in the Action Plan for the Protection of the MarineEnvironment and Coastal Areas of the Southeast Pacific, in which a fifth country,Panamá is also a partner.In 1989, with the formal approval of the Plan for Territorial Organization of Marineand Coastal Zones, on the occasion of the fourth Intergovernmental Meeting of theSoutheast Pacific Action Plan, this regional cooperation mechanism, supported byUNEP and other international organizations, initiated the execution of activities onintegrated coastal management. The objective of the Plan for Territorial Organizationof Marine and Coastal Zones is to develop regional policies and actions forsustainable territorial planning, as well as to promote capacity building in the field ofmarine and coastal zone management in the Southeast Pacific countries.

*The SPINCAM Project*

The SPINCAM project “Southeast Pacific data and information network in support to integrated coastal area management” funded by the Flemish Government of Belgium was approved in 2008 with 770,000 USD and has been developed between 2009 and early 2012, under the coordination of IOC-UNESCO and the Permanent Commission for the South Pacific, CPPS. SPINCAM was designed to establish an integrated coastal area management (ICAM) indicator framework at national and regional level in the countries of the Southeast Pacific region (Chile, Colombia, Ecuador, Panama and Peru) focusing on the state of the coastal and marine environment and socio-economic conditions, to provide stakeholders with information on the sustainability of existing and future coastal management practices and development.

SPINCAM has focused in the development of a harmonized methodology to design sets of national indicators and to reach an agreement between the five countries to design a core set of common regional indicators. One of the goals of the project was to build information systems at national and regional level to support the development of indicators, their spatial representation, and the dissemination of ICAM resources and experiences, including the communication format and strategy. Special attention has been focused on how indicator-based information is communicated to a wide audience, comprising technicians and various coastal stakeholders. This is being done through the development of fact sheets and scorecards on each indicator plus the development of a State of Coast report and Coastal Atlas at national and regional level.

The SPINCAM project started developing two pilot regional indicators 1) Marine and Coastal Protected Areas and 2) Population. It was followed by formulation of other three indicators 3) Planning tools for integrated marine and coastal zone management, 4) Water Quality and 5)Biodiversity. Dissemination of the results and regional Atlas can be found at the SPINCAM project website ([www.spincamnet.org](http://www.spincamnet.org)). Outreach activities also included meetings, political conferences, participation in international ICAM congresses, diffusion material and other national and regional websites.

During the development of the project communication has been kept between partners through different electronic media plus national and regional meetings. A virtual office was created to support the work of the countries and communication and it has been considered a very useful tool in SPINCAM. The countries filled in a questionnaire and the results were discussed during the 4th Steering Committee (30 November – 2 December 2011, Guayaquil, Ecuador). All partners feel that their national group has created new networks with national institutions based in the SPINCAM project. These new links, previously inexistent, are the first step for further relationships towards a communicative and integrated management of the coastal area. The SPINCAM Steering Committee agreed that these national and international relationships and communications must be reinforced in the future, including with IODE and the National Oceanographic Data Centers, furthermore this will be one of the priorities in the second phase of the project.

Differences between countries and political and administrative issues also affected the course of the SPINCAM project. Political changes in some of the countries have meant changes of responsibilities in the national focal points and temporary delays of the process. All these problems reveal an institutional weakness in the countries regarding integrated management of coastal areas, which the SPINCAM project aimed to improve at promoting coordination, supporting the strengthening of capabilities and improving decision making based on indicators on the state of coastal resources. The Steering Committee agreed on mechanisms to avoid lose of information when SPINCAM participants change, and especial attention to this will be played in the next phase.

In some cases the definition of the indicators parameters and methodologies was harder than previewed due to the different levels of technological infrastructure of the countries and institutions, this has required more time for the implementation of some activities. A strong capacity building process and training was also put in place to assist the SPINCAM colleagues, and it was also detected as a priority for the second phase of the project. In addition to this, the national and regional meetings have remarkably contributed to overcome the challenges posed.

The implementation of this unique initiative will give support to the implementation and sustainability of ICAM in the region. The partners consider that SPINCAM allows valuing the importance of the coastal zone at national and regional level and having a dynamic and updated image of it. This supports decision-making, by knowing the use of coastal areas and coastal resources besides providing indicators that help in the definition of future strategies to face global changes. The SPINCAM Countries strongly recognize the benefits of the project SPINCAM and the importance of a second phase that will reinforce the formulation of indicators and will attempt to establish a mechanism to include the information generated in the Integrated Coastal Management Plans. In addition and within a global perspective, SPINCAM is an excellent opportunity to establish a reporting mechanism of the state of the coast in the region in support of the UNGA Regular Process.

**SPINCAM II PROJECT OBJECTIVES**

The overall objective of the SPINCAM II project is:

*To support the implementation and effectiveness of ICAM through improving the management capacity of data and information, knowledge, communication and networking at national and regional level, to be used as planning tools for decision making.*

The project will be articulated around 4 specific objectives:

*1) To strengthen the framework for ICAM indicators as an aid to decision making, by developing partnerships and collaborations between institutions.*

*2) To optimize and integrate regional and national information systems to improve the delivery of information on the status and management of coastal and marine resources.*

*3) To design and implement a strategy for dissemination and awareness of the ICAM indicator framework for local and regional actors*

*4) To promote continuous training to strengthen institutional capacities, public awareness and the information system management*

**WORKPACKAGES**

The activities to be undertaken in the framework of the SPINCAM II Project areorganized around 5 Work Packages (WPs), related to the specific objectives in order to facilitate its implementationand co-ordination:

WP1 Project Coordination

WP2 ICAM indicators platform

WP3 Data and Information Systems

WP4 Communication

WP5 Capacity building

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| **Workpackage** | **Role** | **Responsible** |
| **WP1 Coordination** | Project Management and Coordination | IOC + CPPS |
| **WP2 ICAM indicators platform** | To strengthen the framework for ICAM indicators as an aid to decision making, by developing partnerships and collaborations between institutions.  | National authorities + NFP + CPPS |
| **WP3 Data and Information Systems** | To optimize and integrate regional and national information systems to improve the delivery of information on the status and management of coastal and marine resources | NODC + IODE D&I Managers +NTFP |
| **WP4 Communication** | To design and implement a strategy for dissemination and awareness of the ICAM indicator framework for local and regional actors | NFP + IODE IM + CPPS  |
| **WP5Capacity building** | To promote continuous training to strengthen institutional capacities, public awareness and the information system management | NTFP + NODC + NFP |

**WP1 – PROJECT COORDINATION, EXECUTION MECHANISMS AND ARRENGEMENTS**

The project will be steered by a Project Steering Committee (SC) comprising:

• IOC-UNESCO Project Coordinator

• CPPS Regional Project Manager

• 5 National Focal Points

• 5 National Technical Focal Points

• ODINCARSA Regional Representative

• Flanders Representative

The SC will direct, monitor and supervise the overall implementation of the project, to ensure that the work programme is being implemented as planned, and the expected products are being delivered in a timely fashion with respect to the agreed time frame. The SC will also maintain and strengthen contacts between partners, promoting the optimal employment of the available human and technological resources and building up a strong cooperative network. The Steering Committee will meet once a year. The Organigramme of the SPINCAM II Project can be found in Annex 1.

At national level the National Coordination Committee (NCC) will ensure coordinated implementation of the project activities and communication amongst the partners. It will comprise:

• National Technical Focal Point

• ODINCARSA national coordinator for oceanographic data management

• ODINCARSA national coordinator for marine information management

• Representative of the National Oceanographic Data Center (NODC)

• ICAM experts

• Stakeholders representatives

The National Data and Information Management Group (GMDI) will support the national Data and Information Management system; it will be composed by the experts on data and information management of the national institutions involved and will be coordinated by the National Coordination Committee.

The SPINCAM National Focal Points (NFP) ratified national institutions with the mandate of ICAM implementation. A representative of the institution, at the level of the director was appointed National Focal Point to integrate the Project Steering Committee. It will be in charge of Identifying relevant institutions and stakeholders for the coordination and implementation of ICAM activities

The SPINCAM National Technical Focal Point(NTFP) is in charge of the following responsibilities:

- Supportthe national mechanism for the Implementation of the project;

- Coordinate the development of a core set of indicators (and related outputs such as the SoC Report and Atlas) at the national level;

- Assist in the development of the regional set of indicators;

- Identify relevant on-going activities and projects for potential synergies;

-Organize national meetings on behalf of the project team including stakeholder meetings.

The institutions identified as national focal points and national technical focal points and their representatives are described in Annex 2; Co-financing from Countries in Annex 3.

The Permanent Commission for the South Pacific (CPPS) is officially a project partner (see letters in Annex 4) and the *SPINCAM Regional Manager*. Taking advantage of the good communication established with the participating countries, the Commission will play a leading role in the regional coordination and management of the project as in the phase I. As the Regional Project Manager*,* CPPS is in charge of the following responsibilities:

- Consultwith and follow IOC-UNESCO (*Global Project Coordinator*) overall guidance on the implementation of the SPINCAM Work Packages and activities.

- Establish contracts and agreements with countries to facilitate the transfer of funds for national activities,

- Inform the General Authority of the Action Plan and report to IOC/UNESCO on the implementation of the activities (Narrative and financial reporting).

- Maintain the official communications with the countries on a regular basis, through notificationsto the SPINCAM National Focal Points with copy to the SPINCAM Technical Focal Points.

- Organize the scheduled meetings according to approved project workplans.

- To host and manage the SPINCAM Regional Atlas, ensuring maintenance.

The Intergovernmental Oceanographic Commission (IOC-UNESCO) is the *Global Project Coordinator*. IOC will manage the funds of the project and will guide CPPS on the regional coordination of the project. The ICAM Program of IOC will give support to the countries in the development of indicators, documents and materials, the maintenance of the workspace and non-official communications with the partners. IOC will be in charge of the development of SPINCAM training activities in close collaboration with ODINCARSA and CPPS. The Global Project Coordination will also ensure the international dissemination of the project and the creation of networks and linkages with international initiatives. The Coordinator will also ensure overall project delivery against agreed expected results and will ensure communication with the Government of Flanders.

**Workpackage 1:**

**National Project Coordination**

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| **Outcomes** | **Activities** | **Performance Indicator** |
| A. Project Workplan agreed, responsibilities/tasks are shared amongst institutions, partners are regularly informed on project status | A1. To establish project coordination and monitoring mechanism at the national levelA2. To establish the Partnership Agreement between global (IOC) and regional (CPPS) coordinatorsA3. Development of Steering Committee MeetingsA4. Final Project Report. Project complete | Number of national meetings performedNumber of agreements or arrangements with partnersPartnership agreement signedNumber of meetings performedFinal Project Report consolidated |

**WP 2 – SPINCAM indicator platform**

The objective of this work package is to strengthen the framework for SPINCAM indicators as an aid to decision making, by developing partnerships and collaborations between institutions. This will include strengthening the SPINCAM national and regional Atlas

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| **Outcomes** | **Activities** | **Performance Indicator** |
| B. Assess and develop a Business Plan for the consolidation and expansion of the national indicators framework | B1. Consultation with SPINCAM stakeholders and users to identify ICAM needs, expected SPINCAM II data and information products, including new indicators.B2. National workshops with members of the Data and Information Management Group (GMDI) to identify new data stream and data exchange protocolsB3. Identification and incorporation of new partners to the GMDI to report on national indicatorsB4. Preparation of Business plan/Strategy for National indicator development. | Number of ICAM needs identifiedNumber of national meetings performedNumber of inter-institutions agreements or arrangements with new partnersReport published |
| C. New or updated methodological sheets of national indicators  | C1. National workshop to review and validate the methodological sheets of the indicators C2. Update and integration of new and/or existent indicators methodological sheets  | Number of new or updated methodological sheets  |
| D. Expansion of Regional Indicator framework  | D1. Identification and development of additional regional indicators to be included in Regional Atlas D2. Regional workshops (back to back with Steering Committee) | Number of regional indicators identified and developedNumber of regional workshops |
| E. Piloting of SPINCAM approach at local level | E1. Identification of local authority/municipality where SPINCAM approach will be implantedE2. Consultation with local stakeholders, and technical partnersE3. Identification of additional local data sources E4. Preparation of local methodological sheets, and calculation of indicators E5. Integration of local indicator results within SPINCAM National Atlas and products | Local SPINCAM partner identifiedNumber of meetings with local SPINCAM partnersList of additional local data sourcesNumber of local indicators calculatedNumber of local indicators included in the National Atlas and products |
| F. Strategic plan for the institutionalization of the indicators framework | F1. Design a strategic plan to institutionalize the management of the national indicators framework in national ICAM context | Strategic plan designed |

**WP3 Data and Information Systems**

The objective of this workpackage is to optimize and integrate regional and national information systems to improve the delivery of information on the status and management of coastal and marine resources for different type of stakeholders

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| **Outcomes** | **Activities** | **Performance Indicator** |
| G. Strengthening national Data and Information Management Group (GMDI) | G1. Regular meeting of the the GMDI to support the development of SPINCAM data and information products(with IODE NC, ODINCARSA NC, SPINCAM TFP)G2. Assessment of technological and human capacity requirements for the Data and Information  | Number of meetingsCapacityrequirementsidentified |
| H. Strengthening and expansion of national and Regional SPINCAM atlas  | H1. Selection of suitable data sets for processing, including geographic scope and scale (National /Regional AtlasH2. Preparation of atlas shapefiles/WMS for the agreed indicators (National (including local pilot) /Regional Atlas)H3. Agreement on national atlas mapping technologyH4.Establishment/Strengthening of national atlasH5. Delivery of products and coordination to continue the development and activities of the Regional AtlasH6. Maintenance and support of the Regional Atlas Service | Report of the completed activities |
| I. Strengthening regional and national ICAM relevant information delivery | I1. Prepare national e-repository together with IODE IM national coordinatorsI2. National inventory of relevant ICAM information documentationI3. Startup regional e-repositoryI4. Prepare and launch Regional ICAM Web portal based on national nodes (web portal will provide access to national resources (policy documents, literature relevant to coastal management, guidelines, training opportunities…)I5. Involvement with OBIS Activities | Report of the completed activities. Degree of development of national inventoryEstablishment and population of e-repositoryPublication of the portalRegional workshop on OBIS |
| J. Strategic plan for the integration of national and regional information systems  | J1. Design and implementation of an strategy to integrate existent information systems | Number of systems integrated to the national and regional indicators system |

**WP4 Communication**

This workpackage will design and implement a strategy for dissemination and awareness of the ICAM indicator framework for local and regional actors through the following activities:

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| **Outcomes** | **Activities** | **Performance Indicator** |
| K. Development of the SPINCAM Communication Strategy to disseminate the SPINCAM results and ICAM awareness  | K1. Draft the Communication Strategy by CPPS-IOC together with SPINCAM National Focal Points. K2. Consultation with experts and communicators to validate the proposed Communications Strategy K3. Final Communication Strategy proposalK4. Presentation of the Communication Strategy to the Steering Committee and General Authority of the Action Plan for its approval | Draft of the Communication Strategy proposalNumber of experts consultedFinal proposal of the Communication StrategyApproval of the Communication Strategy  |
| L. Implementation of the SPINCAM Communication Strategy | L1. Implementation of the SPINCAM Communication Strategy | Number of activities accomplished as referred by the Communication Strategy |

**WP5 Capacity building**

This workpackage aims to promote continuous training to strengthen institutional capacities, public awareness and the system management.

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| **Outcomes** | **Activities** | **Performance Indicator** |
| M. Development of national capacity training plan  | M1. Identification of national institutional actors and training needs, both technical (Data /Info management) and ICAM | National diagnosis performedCapacity training PlanNational workshop done |
| N. Implementation of national and regional training plans  | N1. National training courses (technical/management/marine assessment)N2. Cross-border cooperation and training activities (for eg. technician/expert visits) N3. Regional training workshops (with support from ODINCARSA and ICAM programme), including train-the-trainer activities.N4. Participation in international networks (for eg. IBERMAR, ICAN others)N5. Cooperation activities with academic institutions N6. Public awareness workshops/Seminar for users of the indicators information system | Number of trained users (qualitative indicator pending)Number of cross-border cooperation activities performedNumber of regional training workshops performedList of active participation with other networks List of partner academic institutions Number of workshops/seminars |

***SPINCAM II - Budget Summary (US $)***

***(A detailed budget will be prepared and adopted at the project inception meeting)***

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|  | **Year 1**  | **Year 2** | **Year 3** | **TOTAL** |
| **WP1 Coordination** | **35,000** | **40,000** | **35,000** | **110,000**  |
| **WP2 ICAM indicators platform** | **60,000** | **80,000** | **60,000** | **200,000** |
| **WP3 Data and Information Systems** | **70,000** | **80,000** | **70,000** | **220,000** |
| **WP4 Communication** | **25,000** | **30,000** | **25,000** | **80,000** |
| **WP5Capacity building** | **60,000** | **70,000** | **60,000** | **190,000** |
| **TOTAL** | **250,000** | **300,000** | **250,000** | **800,000** |
| **UNESCO Overhead (10%)** | **25,000** | **30,000** | **25,000** | **80,000** |
| **GRAND TOTAL** | **275,000** | **330,000** | **275,000** | **880,000** |

**SPINCAM II WORKPLAN (to be finalized at Inception Meeting)**

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| **SPINCAM II WORKPLAN – Activities** | **2012** | **2013** | **2014** | **2015** | **CO-FINANCING** |
| **Q3** | **Q4** | **Q1** | **Q2** | **Q3** | **Q4** | **Q3** | **Q4** | **Q1** | **Q2** | **Q3** | **Q4** | **Cash** | **In-kind** |
| **WP 1 Project management and coordination** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *A. Project Workplan agreed, responsibilities/tasks are shared amongst institutions, partners are regularly informed on project status* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| A.1 Organisation of Inception Workshop |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| A2. To establish project coordination and monitoring mechanism at the national level |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| A3. To establish the Partnership Agreement between global (IOC) and regional (CPPS) coordinators |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| A4. Development of Steering Committee Meetings |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| A5. Project complete |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Other activity proposed: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*\*TOTAL CO\_FINANCING: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **WP2 ICAM indicators platform** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *B. Assess and develop a Business Plan for the consolidation and expansion of the national indicators framework* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B1. Consultation with SPINCAM stakeholders and users to identify ICAM needs, expected SPINCAM II data and information products, including new indicators. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B2. National workshops with members of the Data and Information Management Group (GMDI) to identify new data stream and data exchange protocols |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B3. Identification and incorporation of new partners to the GMDI to report on national indicators |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B4. Preparation of Business plan/Strategy for National indicator development. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *C. New or updated methodological sheets of national indicators*  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C1. National workshop to review and validate the methodological sheets of the indicators  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C2. Update and integration of new and/or existent indicators methodological sheets |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *D. Expansion of Regional Indicator framework*  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| D1. Identification and development of additional regional indicators to be included in Regional Atlas  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| D2. Regional workshops (back to back with Steering Committee) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *E. Piloting of SPINCAM approach at local level* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| E1. Identification of local authority/municipality where SPINCAM approach will be implanted |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| E2. Consultation with local stakeholders, and technical partners |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| E3. Identification of additional local data sources |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| E4. Preparation of local methodological sheets, and calculation of indicators |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| E5. Integration of local indicator results within SPINCAM National Atlas and products |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *F. Strategic plan for the institutionalization of the indicators framework* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| F1. Design an strategic plan to institutionalize the management of the national indicators framework in national ICAM context |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Other activity proposed: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*\*TOTAL CO\_FINANCING: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **WP3 Data and Information Systems** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *G. Strengthening national Data and Information Management Group (GMDI)* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| G1. Regular meeting of the the GMDI to support the development of SPINCAM data and information products(with IODE NC, ODINCARSA NC, SPINCAM TFP) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| G2. Assessment of technological and human capacity requirements for the Data and Information  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *H. Strengthening and expansion of national and Regional SPINCAM atlas* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1. Selection of suitable data sets for processing, including geographic scope and scale (National /Regional Atlas) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H2. Preparation of atlasshapefiles/WMS for the agreed indicators (National (including local pilot) /Regional Atlas) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H3. Agreement on national atlas mapping technology |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H4. Establishment/Strengthening of national atlas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H5. Delivery of products and coordination to continue the development and activities of the Regional Atlas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H6. Maintenance and support of the Regional Atlas Service |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *I. Strengthening regional and national ICAM relevant information delivery* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| I1. Prepare national e-repository together with IODE IM national coordinators |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| I2. National inventory of relevant ICAM information documentation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| I3. Startup regional e-repository |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| I4. Prepare and launch Regional ICAM Web portal based on national nodes (web portal will provide access to national resources (policy documents, literature relevant to coastal management, guidelines, training opportunities…) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| I5. Involvement with OBIS Activities (Regional workshop) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *J. Strategic plan for the integration of national and regional information systems* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| J1. Design and implementation of an strategy to integrate existent information systems |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Other activity proposed: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*\*TOTAL CO\_FINANCING: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **WP4 Communication** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *K. Development of the SPINCAM Communication Strategy to disseminate the SPINCAM results and ICAM awareness*  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| K1. Draft the Communication Strategy by CPPS-IOC together with SPINCAM National Focal Points.  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| K2. Consultation with experts and communicators to validate the proposed Communications Strategy  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| K3. Final draft of the Communication Strategy proposal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| K4. Presentation of the Communication Strategy to the Steering Committee and General Authority of the Action Plan for its approval |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *L. Implementation of the SPINCAM Communication Strategy* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| L1. Implementation of the SPINCAM Communication Strategy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Other activity proposed: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*\*TOTAL CO\_FINANCING: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **WP5 Capacity building** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *M. Development of national capacity training plan*  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| M1. Identification of national institutional actors and training needs, both technical (Data /Info management) and ICAM |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *N. Implementation of national and regional training plans*  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| N1. National training courses (technical/management/marine assessment) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| N2. Cross-border cooperation and training activities (for eg. technician/expert visits)  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| N3. Regional training workshops (with support from ODINCARSA and ICAM programme), including train-the-trainer activities. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| N4. Participation in international networks (for eg. IBERMAR, ICAN others) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| N5. Cooperation activities with academic institutions |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| N6. Public awareness workshops/Seminar for users of the indicators information system |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Other activity proposed: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*\*TOTAL CO\_FINANCING: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***OVERALL CO-FINANCING (WP1,WP2,WP3,WP4,WP5):*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**ANNEX 1.**Organigramme of the SPINCAM II project

**GMDI**

*Global Project Coordinator*

**Government of FLANDERS**

**IOC-UNESCO**

**CPPS**

**IODE**

**National Focal Points**

**NationalTechnical Focal Points**

**NationalOceanographic Data Centres**

**ODINCARSA (NationalRepresentative)**

**ICAM Experts, stakeholdersrepresentatives**

International

Regional

National

**ODINCARSA**

***SteeringCommittee***

***NationalCoordinationCommittee***

*Regional Project Manager*

GMDI

**ANNEX 2.**National focal points and national technical focal points and their representatives

|  |  |  |  |
| --- | --- | --- | --- |
| COUNTRY | SPINCAM | INSTITUTION | REPRESENTATIVE |
| CHILE | National Focal Point | Ministerio de RelacionesExteriores | Embajador Jose Luis Balmaceda, Director de Ambiente y AsuntosMarítimos |
| National Technical Focal Point | Dirección General del TerritorioMarítimo y MarínaMercante | Contraalmirante LT Guillermo Silva Gajardo, Director de InteresesMarítimos y MedioAmbienteAcuático |
| COLOMBIA | National Focal Point | Ministerio de Ambiente yDesarrolloSostenible | JairoHómezDirector (E) de AsuntosMarinos, Costeros yRecursosAcuáticos |
| National Technical Focal Point WP 2, 3, 5 | Instituto de InvestigacionesMarinas y Costeras -INVEMAR | Francisco Arias IzasaDirector General |
| National Technical Focal Point WP 4 | Dirección General Marítima | Almirante ErnestoDuránDirector GeneralMarítimo |
| ECUADOR | National Focal Point | Ministry of the Environment/UnderSecretary of Marina and Coastal Management  | Ab. Sivia del Campo Litardo |
| National Technical Focal Point | Ministry of Environment/Normative and Project Direction | Blgo. Gustavo Iturralde Muñoz |
| PANAMA | National Focal Point | Autoridad de Los RecursosAcuátivos de Panamá | Giovanni LauriCarreti |
| National Technical Focal Point | Autoridad de Los RecursosAcuátivos de Panamá | Giovanni LauriCarreti |
| PERU | National Focal Point |  |  |
| National Technical Focal Point |  |  |

**ANNEX 3.** National Co-financing to the project SPINCAM II

|  |  |
| --- | --- |
| **Name of the Country:** | CHILE |
| **BUDGET ITEM** |  | Year 1 | Year 2 | Year 3 |
| STAFF: Coordination and Technical support staff  | Kind | 144000 | 144000 | 144000 |
| Cash |  |  |  |
| INFRASTRUCTURE: Logistics Equipment  | Kind | 15000 | 15000 | 15000 |
| Cash |  |  |  |
| RESEARCH/OPERATION/ COORDINATION/TRAININGDevelopment and calculation of indicatorsProject coordinationTraining | Kind | 20000 | 20000 | 20000 |
| Cash |  |  |  |
| Sub-total per year |  | 179000 | 179000 | 179000 |
| TOTAL USD | *537000* |

|  |  |
| --- | --- |
| **Name of the Country:** | COLOMBIA |
| **BUDGET ITEM** |  | Year 1 | Year 2 | Year 3 |
| STAFF: Coordination and Technical support staff  | Kind | 44581  | 44581 | 49726 |
| Cash |  |  |  |
| INFRASTRUCTURE: Logistics Equipment  | Kind | 460462  | 701230 | 692304 |
| Cash |  |  |  |
| RESEARCH/OPERATION/ COORDINATION/TRAININGDevelopment and calculation of indicatorsProject coordinationTraining | Kind | 555  | 1110 | 2774 |
| Cash | 6453  | 6453 | 6453 |
| Sub-total per year |  | 512051  | 753373 | 751257 |
| TOTAL USD | *2016681* |

|  |  |
| --- | --- |
| **Name of the Country:** | ECUADOR |
| **BUDGET ITEM** |  | Year 1 | Year 2 | Year 3 |
| STAFF: Coordination and Technical support staff  | Kind | 9340 | 19080 | 19080 |
| Cash |  | 10000 | 10000 |
| INFRASTRUCTURE: Logistics Equipment  | Kind | 5000 | 5000 | 5000 |
| Cash |  |  |  |
| RESEARCH/OPERATION/ COORDINATION/TRAININGDevelopment and calculation of indicatorsProject coordinationTraining | Kind | 5000 | 15000 | 10000 |
| Cash |  | 2500 |  |
| Sub-total per year |  | 19340 | 51580 | 44080 |
| TOTAL USD | *115000* |

|  |  |
| --- | --- |
| **Name of the Country:** | PANAMA |
| **BUDGET ITEM** |  | Year 1 | Year 2 | Year 3 |
| STAFF: Coordination and Technical support staff  | Kind | 42600 | 42600 | 42600 |
| Cash |  |  |  |
| INFRASTRUCTURE: Logistics Equipment Office repository maintenance | Kind | 10000 | 15000 | 15000 |
| Cash | 2500 | 2500 | 2500 |
| RESEARCH/OPERATION/ COORDINATION/TRAININGDevelopment and calculation of indicatorsProject coordinationTrainingLocal workshops and meetings | Kind | 8000 | 7000 | 7000 |
| Cash | 1000 | 1000 | 1000 |
| Sub-total per year |  | 64100 | 68100 | 68100 |
| TOTAL USD | *200300* |

|  |  |
| --- | --- |
| **Name of the Country:** | PERU |
| **BUDGET ITEM** |  | Year 1 | Year 2 | Year 3 |
| STAFF: Coordination and Technical support staff  | Kind |  |  |  |
| Cash |  |  |  |
| INFRASTRUCTURE: Logistics Equipment  | Kind |  |  |  |
| Cash |  |  |  |
| RESEARCH/OPERATION/ COORDINATION/TRAININGDevelopment and calculation of indicatorsProject coordinationTraining | Kind |  |  |  |
| Cash |  |  |  |
| Sub-total per year |  |  |  |  |
| TOTAL USD |  |

|  |  |
| --- | --- |
| **Name of the Institution:** | Permanent Commission of the South-East Pacific (CPPS) |
| **BUDGET ITEM** |  | Year 1 | Year 2 | Year 3 |
| STAFF: Coordination and Technical support staff  | Kind | 12000 | 12000 | 12000 |
| Cash | 6000 | 6000 | 6000 |
| INFRASTRUCTURE: Logistics Equipment  | Kind | 12000 | 8000 | 8000 |
| Cash | 5000 | 3000 | 3000 |
| RESEARCH/OPERATION/ COORDINATION/TRAININGDevelopment and calculation of indicatorsProject coordinationTraining | Kind | 8000 | 8000 | 8000 |
| Cash | 2000 | 2000 | 2000 |
| Sub-total per year |  | 45000 | 39000 | 39000 |
| TOTAL USD | *123000* |

|  |  |
| --- | --- |
| **Name of the Institution:** | IOC-UNESCO |
| **BUDGET ITEM** |  | Year 1 | Year 2 | Year 3 |
| STAFF: Coordination and Technical support staff  | Kind |  |  |  |
| Cash |  |  |  |
| INFRASTRUCTURE: Logistics Equipment  | Kind |  |  |  |
| Cash |  |  |  |
| RESEARCH/OPERATION/ COORDINATION/TRAININGDevelopment and calculation of indicatorsProject coordinationTraining | Kind |  |  |  |
| Cash |  |  |  |
| Sub-total per year |  |  |  |  |
| TOTAL USD |  |

|  |  |
| --- | --- |
| **TOTAL CO-FINANCING** |  |

**ANNEX 4.**Letters of support to SPINCAM II