



## Member's report on activities related to ICRI

Reporting period October 2013 – September 2014

### 1. Updates on your activities.

#### Project 1

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| Cornerstone(s) implemented through the project   | Check all that apply:<br><input checked="" type="checkbox"/> Integrated Management <input type="checkbox"/> Capacity Building<br><input type="checkbox"/> Science & Monitoring <input type="checkbox"/> Periodic Assessment (Review)  |
| Project Title  | <i>Establishment of a Biosphere Reserve under the UNESCO MAB concept. Cozumel Island</i>  |
| Location   | Cozumel Island, Quintana Roo, Mexico. Caribbean.  |
| Dates  | In process  |
| Main Organizer(s)  | CONANP National Commission of Protected Areas   |
| Main Stakeholder(s)  | Municipality, state government, private initiative and UNESCO   |
| Description of Project (Please elaborate on how the project implements the FFA cornerstones) | Through the recognition of the different sectors, it is established that economic and social activity is based on the sustainable use of their marine and terrestrial resources. Whereas 90% of the marine coastline is protected as well as 50% of the land portion, plus there are other systems for land use, considering the creation of a UNESCO MAB reserve to allow the development of tourist island from an environmental balance. |
| Outcome (Expected outcome)   | Recognition as a biosphere reserve UNESCO MAB allow establishing a board of directors between different levels of government. To thereby ensure the sustainability of the island and improve the quality of life of its inhabitants.  |
| Lessons learned  | Cooperation and responsibility of the different private and social sectors are essential to ensure the conservation of marine and coastal resources.  |
| Related websites (English preferred)   | not available   |

#### Project 2

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| Cornerstone(s) implemented through the project | Check all that apply:<br><input type="checkbox"/> Integrated Management <input checked="" type="checkbox"/> Capacity Building<br><input type="checkbox"/> Science & Monitoring <input type="checkbox"/> Periodic Assessment (Review) |
| Project Title                                  | <i>Establishment of the ban of the Queen Conch for 5 years</i>   |
| Location                                       | Banco Chinchoro Biosphere Reserve, Mexico, Caribbean,  |
| Dates  | November 2012  |
| Main Organizer(s)                              | CONANP National Commission of Protected Areas  |
| Main Stakeholder(s)                            | Fishing cooperatives in the region   |

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| Description of Project<br>(Please elaborate on how the project implements the FFA cornerstones) | Together, fishing cooperatives and government worked to find alternatives for the protection and sustainable use of its fisheries, particularly the Queen Conch. The objective was to protect the species to allow recovery of the population that can be exploited in the future. Similarly, presented economic alternatives for fishermen to have the economic support needed. |
| Outcome (including expected outcome)  | We achieved a 5-year ban for the pink snail.   |
| Lessons learned   | The sense of appropriation of natural resources by the community is essential for making decisions.  |
| Related websites<br>(English preferred)   | not available  |

### Project 3

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| Cornerstone(s) implemented through the project  | Check all that apply:<br><input type="checkbox"/> Integrated Management <input checked="" type="checkbox"/> Capacity Building<br><input type="checkbox"/> Science & Monitoring <input type="checkbox"/> Periodic Assessment (Review)  |
| Project Title   | Recovery stocks fish population in Cabo Pulmo   |
| Location  | National Park Cabo Pulmo  |
| Dates   | 1995  |
| Main Organizer(s)   | CONANP National Commission of Protected Areas   |
| Main Stakeholder(s)   | NGO's and fishermen   |
| Description of Project<br>(Please elaborate on how the project implements the FFA cornerstones) | Cabo Pulmo has been a place overexploited in fishing terms, since the capture of shell, to catch fish and sharks. Even becoming a sterile lifeless space. In 1995 the site was declared a national park, establishing a no take zone, from that moment on fishermen and NGOs there is a generational shift that allows the protection of the site by changing fishing practices by tourism activities. Today CONANP maintains a complete involvement of the fishing community and NGOs to support the management and conservation of the MPA. |
| Outcome (Expected outcome)  | Establishment of no take zone, for fish protection  |
| Lessons learned   | Fishing communities can generate a real generational change when they appropriate the resources and economic alternatives are generated.  |
| Related websites<br>(English preferred)   | <a href="http://pncabopulmo.conanp.gob.mx/">http://pncabopulmo.conanp.gob.mx/</a>   |

### Project 4

|  |   |
|--|---|
| Cornerstone(s) implemented through the project | Check all that apply:<br><input type="checkbox"/> Integrated Management <input type="checkbox"/> Capacity Building<br><input checked="" type="checkbox"/> Science & Monitoring <input checked="" type="checkbox"/> Periodic Assessment (Review) |
| Project Title                                  | Rehabilitation of reef sites in West Coast National Park Isla Mujeres, Punta Cancun and Punta Nizuc transplant fragments of the genus Acropora.   |
| Location                                       | Cuevones reef units, Manchones, Chitales, 1st and 3rd barrier within the West Coast National Park Cacun Punta Isla Mujeres and Punta  |

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|---|---|
|   | Nizuc. Quintana Roo, Mexico   |
| Dates   | 2001 (Cuevones); 2002 (Manchones); 2004 (Manchones, Chitales); 2005 (Manchones, Chitales, 1st Barrera); 2012 (Manchones, Chitales); 2013 and 2014 (Cuevones, Manchones).  |
| Main Organizer(s)   | CONANP National Commission of Protected Areas   |
| Main Stakeholder(s)   | CONANP National Commission of Protected Areas   |
| Description of Project<br>(Please elaborate on how the project implements the FFA cornerstones) | Coral colonies are transported with the greatest possible care nursery located in Bajo Pepito and into the reef area to be restored. During transit, the colonies are protected from direct sunlight and kept immersed in clean sea water inside containers ensuring no damage to each other. Once at the site, are physically located points or areas will be implanted each colony substrate cleaning prior to release of the fouling and sediment. Each colony is separated from its PVC container trying not to damage the concrete base on which it was planted. Once the flagstone is cleaned, a handful of quick-drying cement is placed, and the colony is attached to the base cement to be inserted into the fresh matrix cement. Bitacoras corresponding data are performed and each colony sites are georeferenced. |
| Outcome (Expected outcome)  | It is expected that the survival rate exceeds 70% for the 100 settlements established in the different reefs after the first year from the date they were transplanted coral fragments  |
| Lessons learned   | Transplants coral that is in operational staff of the National Park, generates a new attractiveness and relevance to the sites that were affected by the hurricanes and events such as groundings, which caused the loss of coral cover and aesthetic value they used to have these corals. This indicates that these sites are recovering more quickly than if it had not been actively involved. With these projects the National Park Service restoration actions strengthens the reef sites within the National Park which little by little recover their ecological and aesthetic values, promoting both biodiversity benefits, and service providers and users they visit and admire daily national Park.   |
| Related websites<br>(English preferred)   | not available   |

## 2. Contribution to the ICRI Plan of Action and GM.

### a. Engaging other sectors

The precept has CONANP conservation of natural resources is being defined as follows: with the people, for the people and by the people. This involves a commitment to creating community and shared responsibility between the various levels of government. Some success stories were mentioned in the tables above.

### b. Reef zoning for multiple use

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|--|--|
| Location where a zoning plan has been implemented                                | Mexico   |
| Year when the zoning plan was implemented  | 1996   |
| Is the zoning plan accepted by the local community?                              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  |
| Did the zoning plan cause conflicts among stakeholders?                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |
| Did the zoning plan resolve conflicts among stakeholders?                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  |
| Has there been effective enforcement for stakeholders to follow the zoning plan? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  |
| Overall, how would you rate the success of the zoning plan?                      | <input type="checkbox"/> Very successful<br><input checked="" type="checkbox"/> Somewhat successful<br><input type="checkbox"/> Not so successful<br><input type="checkbox"/> Unsuccessful |

The Zoning of areas is necessary to delineate areas of use, which must be done hand in hand with decision makers and users of natural resources. Definition processes should be participatory and open, with the inclusion of the needs of each one of the actors who are on the site. Establishing and understanding the individual needs in order to find compatible patterns.

### 3. Publications.

| Title (incl. author and date) | Website URL if available | Type of publication<br>(Paper, report, etc.) |
|-------------------------------|--------------------------|--|
| Not available                 |                          |  |

### 4. General Information.

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| Member type (Country / Organization): | Country Mexico   |
| <b>Focal Point 1:</b>                 |  |
| <i>Name:</i>                          | Francisco Ricardo Gomez Lozano                                   |
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