



PROTECTING DUGONGS  
CONSERVING SEAGRASS  
CHANGE FOR COMMUNITIES



## The GEF Dugong and Seagrass Conservation Project

*Enhancing the Conservation Effectiveness of Seagrass  
Ecosystems Supporting Globally Significant Populations  
of Dugong Across the Indian and Pacific Oceans Basins*

# Overview of Presentation

1. Project Objective & Outcomes
2. Project Development
3. Global Relevance
4. Project Legacy
5. Dugong MOU role during implementation



## 1. Goal and Project Objective

### Goal:

To improve the conservation status of dugongs and their seagrass habitats across the Indian and Pacific Ocean basins – consistent with mandate of the Dugong MOU

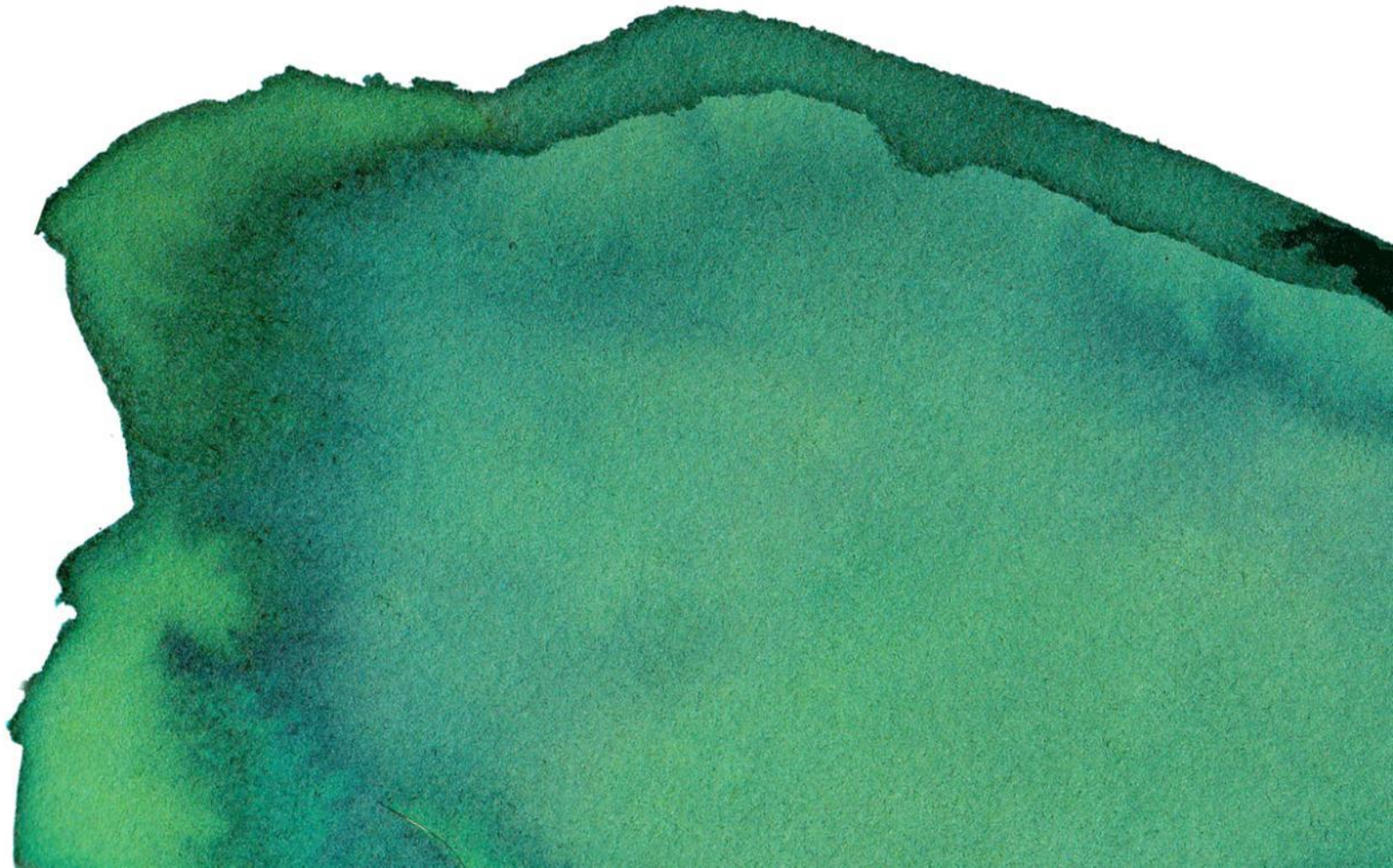
### Project Objective:

To enhance the effectiveness of conservation of dugongs and their seagrass ecosystems across the Indian and Pacific Ocean basins





## *2. Project Development*



# Global Environment Facility (GEF): Process

## GEF Funds

The GEF provides funds according to specific focal areas

Allocation provided to GEF-eligible countries according to System for Transparent Allocation of Resources (STAR)

Funding from: **GEF-5 Replenishment**

GEF focal area : **Biodiversity**

## Establishing the GEF Project

### A brief history of the GEF Project

The Secretariat approached sixteen Range States who were eligible for the GEF-5 Biodiversity STAR Allocation:

India	Malaysia	Papua New Guinea	Tanzania
Indonesia	Myanmar	Philippines	Thailand
Kenya	Mozambique	Solomon Islands	Timor Leste
Madagascar	Palau	Sri Lanka	Vanuatu

Many of the countries were unable to participate as their GEF BD Allocation had already been assigned to alternative programs.

## Global Environment Facility (GEF): Process

### Project Identification Form (PIF):

- PIF = Project concept
- PIF developed by CMS Dugong MoU Secretariat and circulated to qualifying dugong range countries
- Partner countries contributed a portion of their **GEF-5 Biodiversity STAR** fund to the Project
- The PIF was approved by GEF in June 2012

## Project Participants and Supporting Partners

### Funding and Contributing States

Eight range countries committed funds from GEF-5 Biodiversity STAR

Contributed between \$200,000 - \$1,000,000 each

GEF requires 4:1 co-financing ratio;  
4 x Co-finance: 1 x GEF Funding

Total Co-finance **\$99,000,000**

Supporting Partners: in-kind and co-finance contributions

### Eight Partner Countries

Indonesia	Madagascar
Malaysia	Mozambique
Solomon Islands	Sri Lanka
Timor Leste	Vanuatu

### Supporting Partners

Australia	Kenya
Myanmar	Papua New Guinea
Philippines	Seychelles
Tanzania	UAE
SPREP	UNEP ROWA



## Project Preparation Grant (PPG)

Grant of \$170,000 provided to develop Project activities and approach

During PPG Phase:

- Meetings held with country partners to identify threats and conservation priorities
- Project goal, objective and expected outcomes refined
- Project partners identified and developed project concepts
- Project Document outlining purpose, activities and executing arrangements produced
- MbZSCF identified as Executing Agency

# Technical Support and Guidance During Preparation

## Meetings with GEF Project Partners

### National Meetings:

October – November 2012

Indonesia, Madagascar, Malaysia, Mozambique,  
Sri Lanka

### GEF Workshop:

February 2013

Indonesia, Madagascar, Malaysia, Mozambique,  
Sri Lanka, Timor Leste, Vanuatu

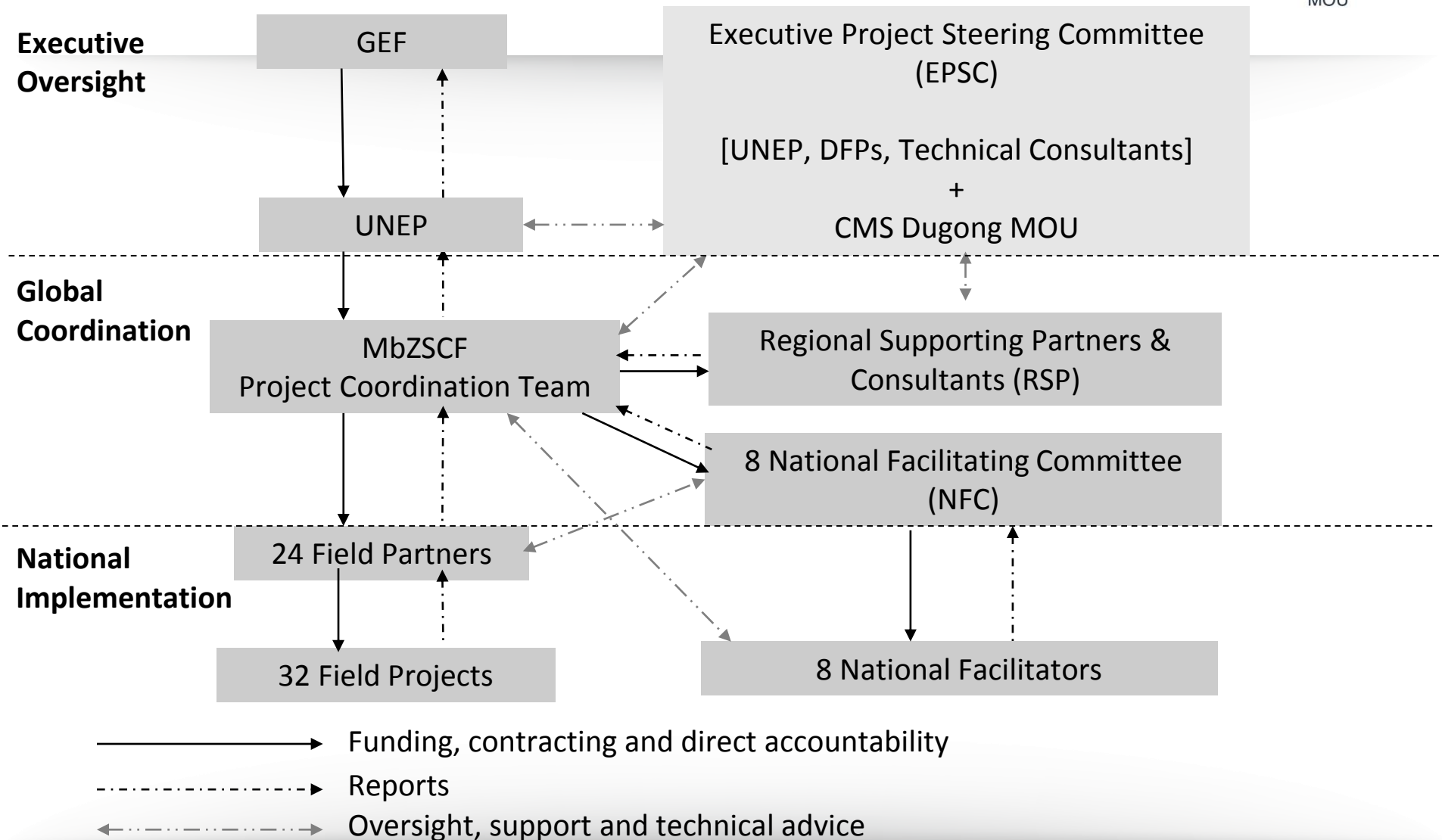
### Project Proposal Support and Site Visits:

2013

Solomon Islands, Sri Lanka, Timor Leste, Vanuatu



# Implementing Arrangements



# The Global Environment Facility (GEF) Project

[www.thegef.org](http://www.thegef.org)

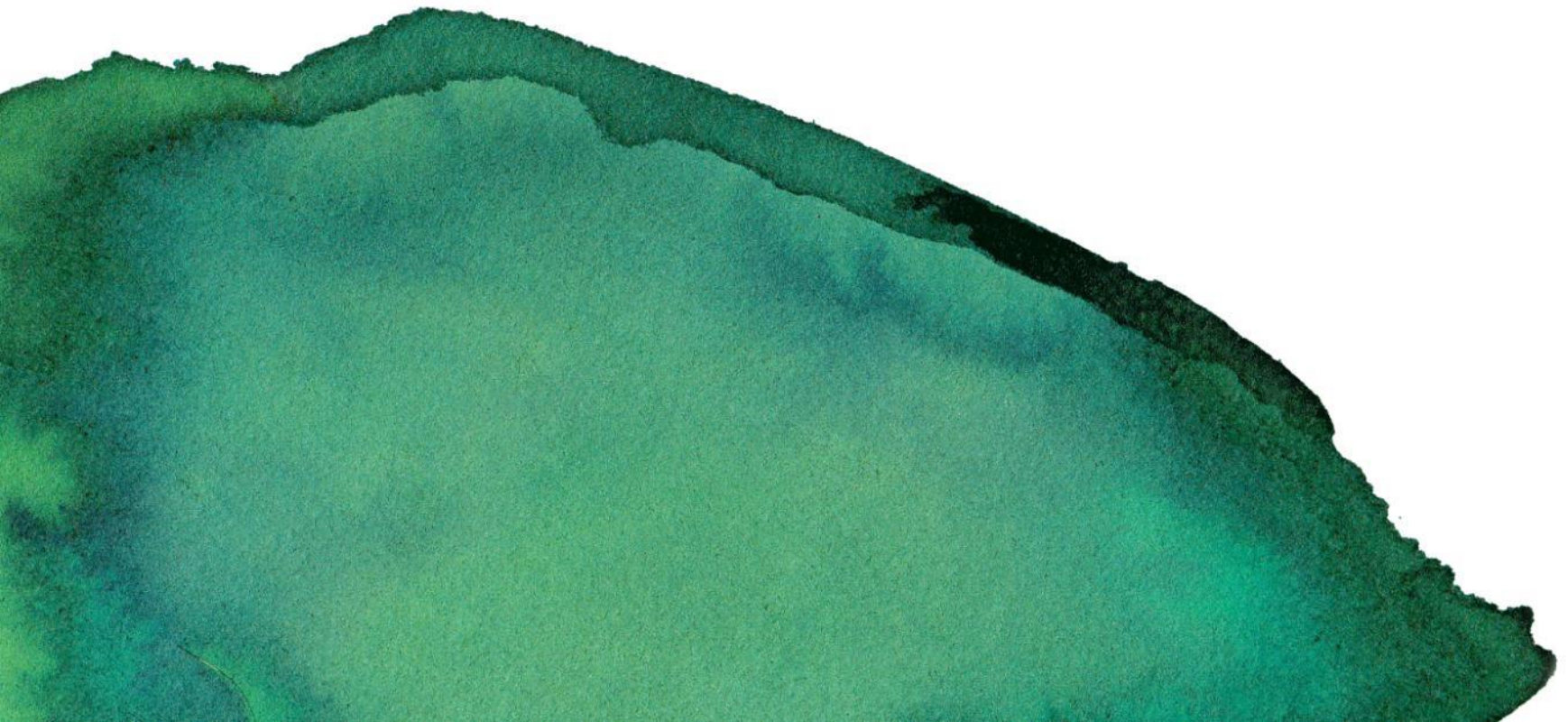


## Overview of Project Development Timeline and Key Dates





### *3. Global Relevance*



## 8 Countries, 27 Project Partners, 40 Projects

### Key Threats

#### Dugongs:

- Bycatch
- Direct catch
- Vessel strikes
- Disappearance of seagrass habitat

#### Seagrass habitats:

- Harmful fishing methods
- Development of coastal areas
- Land based impacts



## *Expected Outcomes 8 Countries, 27 Partners, 40 Projects*

- 1) Enhanced community-based stewardship of dugongs and their seagrass ecosystems
- 2) Sustainable fisheries practices widely adopted through uptake of innovative incentive mechanisms and management tools
- 3) Increased availability and access to critical knowledge for effective decision-making (population status, distribution, threats)
- 4) Conservation priorities and measures incorporated into relevant policy, planning and regulatory frameworks

# Relevance of the GEF Project to Global Biodiversity Conservation



GEF Dugong and Seagrass Conservation Project								
	South-West Indian Ocean		South Asia		South-East Asia			Pacific
	MG	MZ	LK		ID	MY	TL	SB VU
International	Dugong MOU CMP (All nine objectives)							
	SDGs							
	CBD: Strategic Plan for Biodiversity: Aichi Biodiversity Targets, eg. Targets 1, 5, 6, 11, 12, 14, 15, 18, 19							
	UNEP: Regional Seas Programme							
	Ramsar							
Regional	IOSEA Marine Turtle MOU							
	ATSEA ATSEA							
	SPREP Marine Species Programme Dugong Action Plan							
	UNDAF							
National	CTI-CFF							
	NBSAPs							
	UNDAFs							
	GEF Project Outcomes (No. of Projects)							
	1-4 (6)	1-4 (6)	1-4 (7)		1-4 (3)	1, 3, 4 (5)	1-4 (4)	1, 3, 4 (5) 1, 4 (1)



## GEF Project Significance



- Unprecedented investment in global dugong and seagrass conservation
- Implementing Dugong MOU CMP across 8 of more than 40 range countries, ie. approx. 20% of dugong's range
- Comprehensive global conservation benefits :
  - Enhanced conservation status of dugong populations and seagrass ecosystems
  - Sustainable tropical inshore small-scale fisheries
  - Championing the cause of coastal community based management
  - Incentive-based conservation - grounding conservation in markets
- Successful approaches to be extended to other range countries

## GEF Project Significance

- Innovative executing arrangements (which draw on and provide global/regional skills, networks and experience):
  - **Executing agency:** MbZSCF – Programme management and communications expertise
  - **Implemented by:** Local partners with diverse skills, networks and experience at national and regional levels.
  - **Supported by:** Dugong MOU Secretariat and Technical Advisors – Regional networks (government and NGOs) and technical expertise
  - **CHM** – Global communication of locally-based conservation methods, sharing of project progress and outcomes, networking, generating global interest in the project through media and online presentation of projects.

## 4. *Project Legacies:*

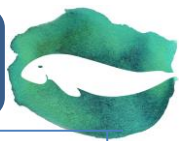
### Catalyse seagrass and dugong conservation – community/local scale management approaches to conservation

- Highlights and values the protection of seagrass ecosystem services
- Stimulate international commitment to migratory species conservation, especially dugong
- Share best practice in community based conservation
- Demonstrate successful regional coordination

### Leverage more resources for conservation

- Communication of conservation action to global audience
- Inspire donations from local, regional and national corporate parties

# Dugong, Seagrass & Coastal Communities Initiative



## International

DSCC Initiative  
Fundraising for  
Range States

Dugong  
Global  
Genetics  
Project

Project Executing  
Steering Committee

UNEP/DEPI

Executing Agency:  
MbZSCF

## Regional

Gulf Dugong Action  
Programme

Bycatch

Gulf  
Collaboration

GEF Dugong and Seagrass Conservation Project

South  
West  
Indian  
Ocean

South  
Asia

South  
East Asia

Pacific

## National

Pilot Project:  
India

Pilot Project:  
Thailand

Kenya,,Myanmar  
Palau , PNG,  
Philippines,  
Seychelles,  
Tanzania,  
Vietnam

Mozambique

Madagascar

Sri Lanka

Indonesia

Malaysia

Timor Leste

Vanuatu

Solomon  
Islands

Technical  
Capacity  
Building  
&  
Support

Orange = External funds/fundraising

Green/Dark blue = Global Environment Facility Funding

Burgundy = Core Funding



## *5. Dugong MOU role during implementation*

Dugong MOU implements a Conservation and Management Plan through a Dugong, Seagrass and Coastal Communities Initiative which includes:

- **Provide technical oversight to GEF Dugong and Seagrass Conservation Project** to improve conservation of dugongs in the Indian and Pacific Oceans basins.
- **Technical Capacity Building and Support:** design-making and streamlined data collection, storage, access and sharing
- **Fundraising Initiative** to conduct complementary community conservation projects in other range states;
- **Global Dugong Genetics Project** to inform dugong conservation and management action;
- **Global dugong catch/incidental catch community surveys** to identify threats to dugong populations close to humans;
- **Coordinating complementary projects:** eg. Incentive projects in Thailand, India
- **Welcome Indonesia, Malaysia and Timor Leste** as Signatories to Dugong MOU.



*Thank you*