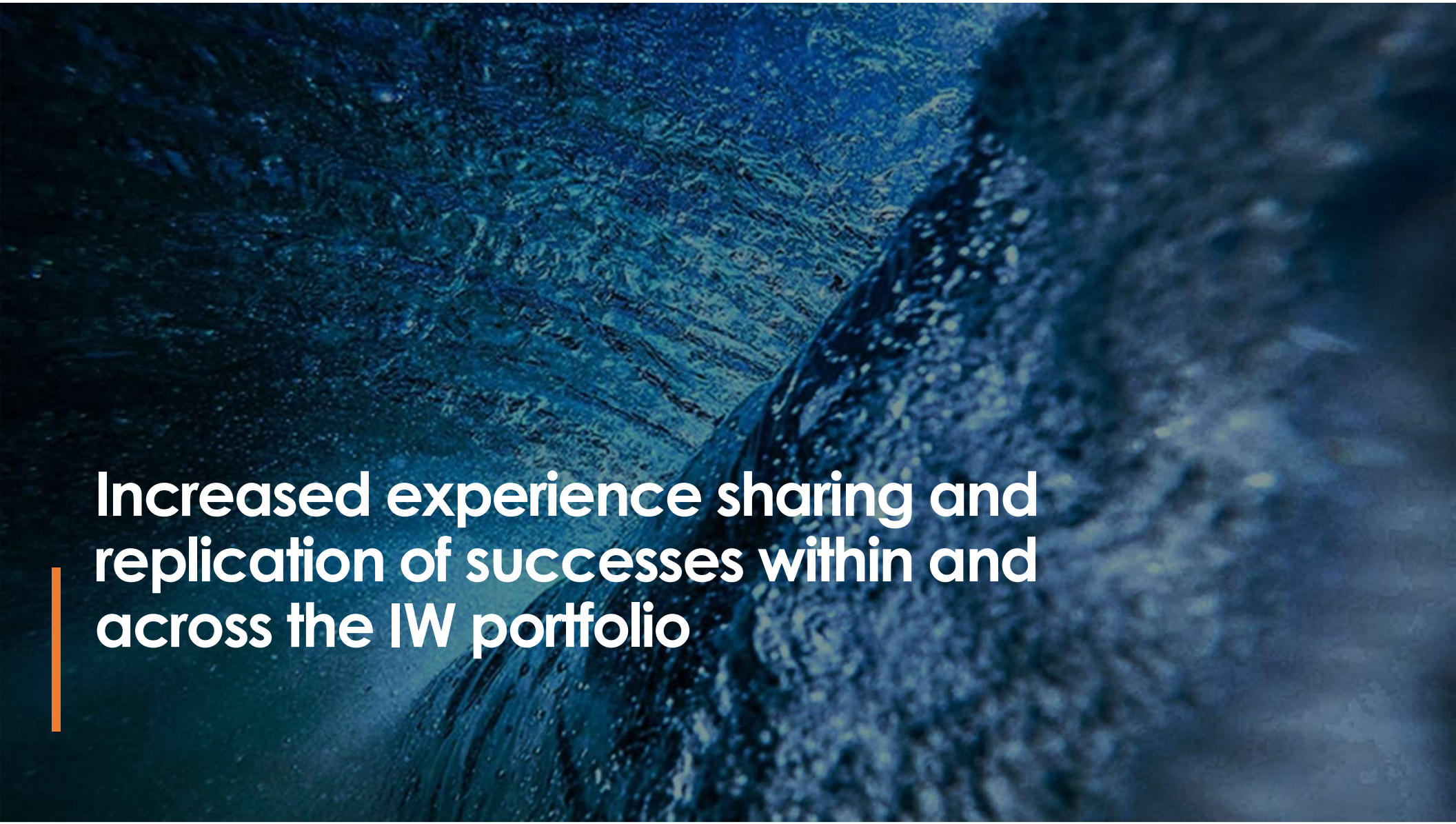
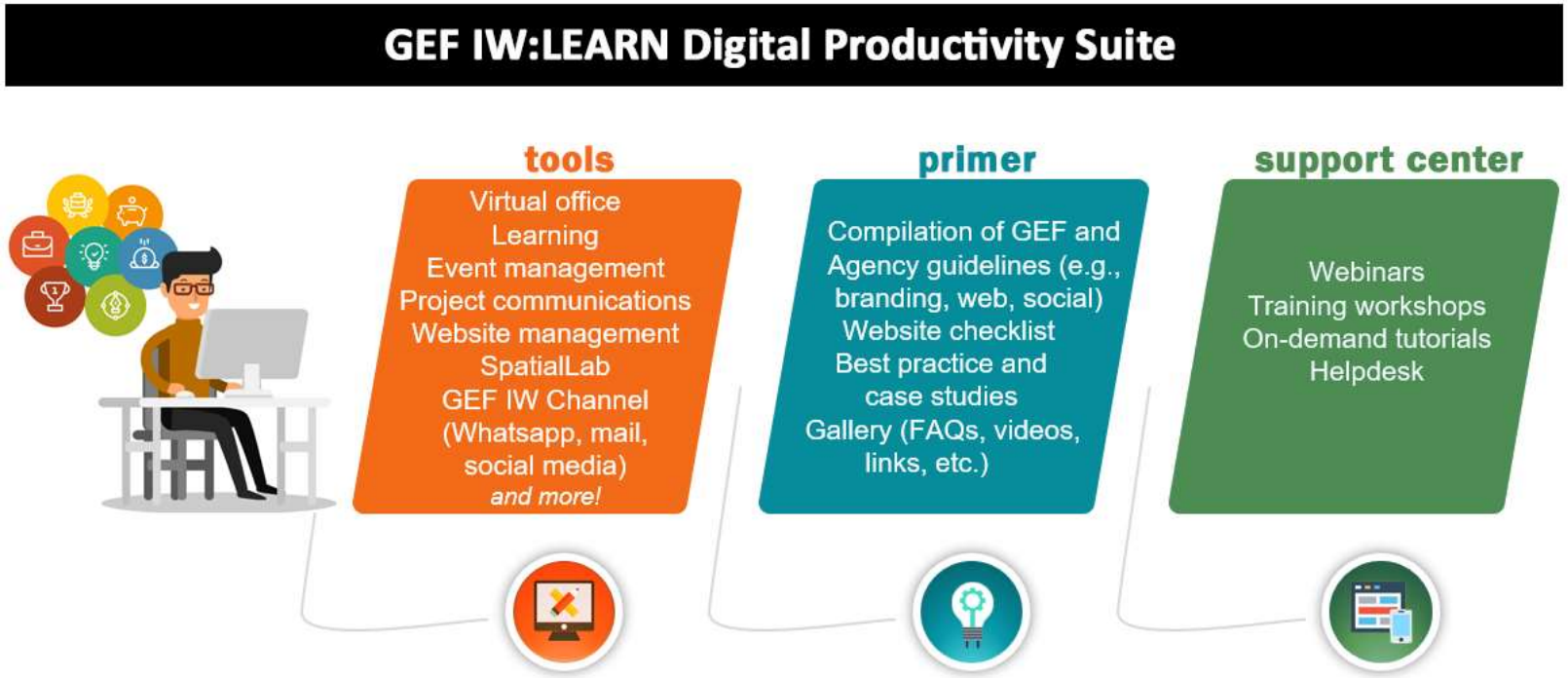

Increased experience sharing and replication of successes within and across the IW portfolio

Planned outreach activities (IWL:LEARN5 2022-2026)



INTERNATIONAL WATERS LEARNING EXCHANGE & RESOURCE NETWORK

About News Events Projects Documents Services Manuals Gallery

EXPERIENCE NOTES

Regions
- Select

Thematic
- Select

Search
Find

+ New

Building Knowhow on the Application of the Ecosystem Approach to Fisheries Management in Sabah

19 apr. 2022 - ISSUE: 2015-2

The ADB /GEF-supported Regional Technical Assistance for Coastal and Marine Resources Management in the C...

DRAFT

Incorporating climate information into Water Safety Planning

15 apr. 2022 - ISSUE: 2018-1

Flood and drought events are becoming increasingly common, more severe and less predictable due to the impacts ...

DRAFT

Stakeholder engagement to develop applications for flood and drought planning

15 apr. 2022 - ISSUE: 2017-10

The Flood and Drought Management Tools (FDMT) project provides a decision support system (DSS) in the form of o...

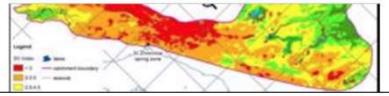
DRAFT

Integrated Management Plan (IMP) for Bojana/Buna Are

15 apr. 2022 -

This Bojana/Buna Integrated Management Plan (IMP) is a pilot – "real world" - application of ...

DRAFT



ISSUE(S), CHALLENGE(S)

The objective of this activity was to increase knowledge about the vulnerability of coastal karst aquifers to pollution from land-based activities. Since these types of aquifers have the potential to transmit significant volumes of freshwater (and potentially pollutants) to the Mediterranean Sea, it is important for countries to have tools that can enable them to make informed decisions concerning the use of land affecting the quality of groundwater in coastal aquifers. The antici-pated outcomes of this activity included aquifer vulnerability maps for the two case study locations, an analysis of the suitability of four standard aquifer vulnerability assessment methodologies to the karst environment, and management recommendations for policy makers in the case study areas. These outcomes are captured in the final reports and vulner-ability maps provided by the Croatian Geological Survey and the University of Zagreb's Faculty of Geotechnical Engi-neering, the institutions with which UNESCO-IHP collaborated on this activity over the course of 18 months.

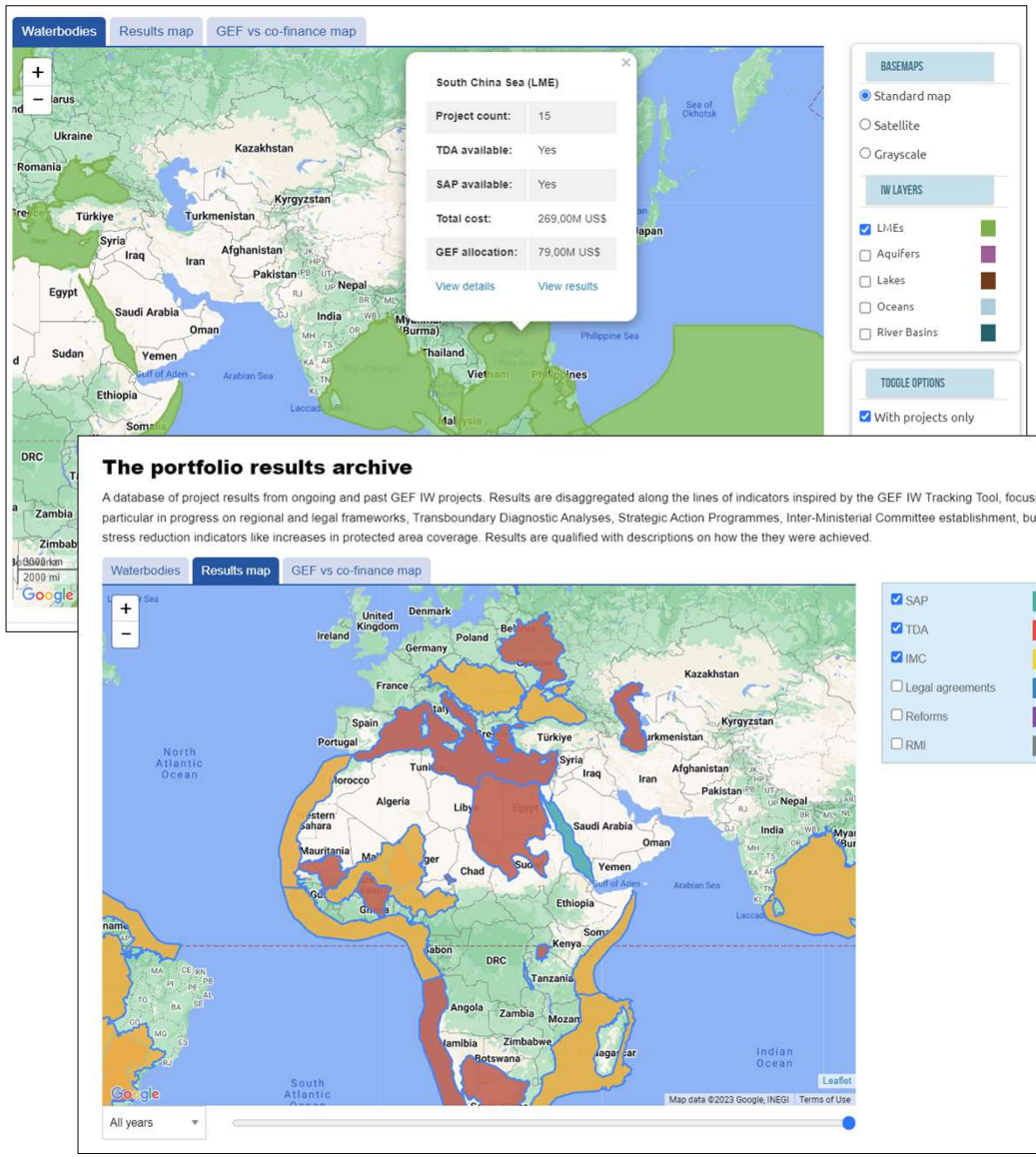
EXPERIENCE

Appropriately managed coastal aquifers in the Mediterranean can supply fresh groundwater for sustaining human liveli-hoods while also contributing positively to the health of the transboundary Mediterranean Sea ecosystem. Humans de-pend on high quality groundwater resources for drinking water, irrigation, tourism and other activities, while discharges of groundwater from coastal aquifers to the Mediterranean Sea are critical to the water balance

The GEF International Waters project portfolio

Use the mapping tool to learn about specific projects, regions or waterbodies. Discover basins where the GEF has made project investments, or see all the transboundary aquifers, large marine ecosystems, lakes and river basins with or without GEF IW projects. Clicking on a specific ecosystem will inform you about key results from the basin as well as provide you a link to further details about activities, projects, documents and further content associated with the basin.

Discover spatial datasets at:
geonode.iwlearn.org



South China Sea (LME)

Type	Area	Perimiter
LME	3 177 242 Km^2	14 747 Km

Description

The South China Sea LME is bordered by China, Indonesia, Malaysia, Philippines, Taiwan and Vietnam. It covers an area of 3.2 million km², of which 0.31% is protected, and contains 7.04% and 0.93% of the world's coral reefs and sea mounts, respectively (Sea Around Us 2007). Coastal waters are relatively shallow (less than 200 m) and are influenced by marine as well as by river and terrestrial inputs. The South China Sea Basin and Palawan Trough are deeper than 1000m. Numerous rivers (120) drain a total catchment area of 2.5 million km² into the LME. Most of the region lies within the sub-tropical and equatorial zones and the climate is governed by the northeast and southwest monsoon regimes. The northern and central parts of the region are affected by typhoons during the southwest monsoon months, bringing intense rains and destructive winds to coastal areas. This LME is particularly sensitive to ENSO, which has caused significant changes in rainfall patterns, for example, in Indonesia and Malaysia. Major oceanographic currents include those generated by the seasonal monsoons. Waters from the LME may flow seasonally into the Sulu Sea and Java Sea, contributing to the Indonesian Throughflow.

Basin Management Institutions

- Partnerships in Environmental Management for the Seas of East Asia (PEMSEA)
- Southeast Asian Fisheries Development Centre (SEAFDEC)
- Northwest Pacific Action Plan (NOWPAP)
- Coordinating Body on the Seas of East Asia (COBSEA)

Basin Projects (15)

- Building Partnerships for the Environmental Protection and Management of the East Asian Seas - *Closed (Project Closure)*
- Coastal Cities Environment and Sanitation Project - under WB/GEF Partnership Investment Fund for Pollution Reduction in the LME of East Asia - *Closed (Completed)*
- CTI Strategies for Fisheries Bycatch Management - *Closed (Project Approved)*
- CTI West Pacific-East Asia Oceanic Fisheries Management Project - under the Coral Triangle Initiative - *Closed (Project Closure)*
- Demonstration of Community-based Mgt of Seagrass Habitats in Trikora Beach East Bintan, Riau Archipelago Province, Indonesia - *Closed (Project Completion)*
- Demonstration of Sustainable Management of Coral Reef Resources in the Coastal Waters of Ninh Hai District, Ninh Thuan Province, Viet Nam - *Active (Project Approved)*
- East Asian Seas Region: Development and Implementation of Public Private Partnerships in Environmental Investments - *Closed (Project Closure)*
- Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand - *Preparation (Project Approved)*
- Implementation of Sustainable Development Strategy for the Seas of East Asia - *Closed (Project Closure)*
- Implementing the Strategic Action Programme for the South China Sea - *Active (Project Approved)*
- Manila Third Sewerage Project (MTSP) - under WB/GEF Partnership Investment Fund for Pollution Reduction in the LME of East Asia - *Closed (Project Completion)*
- Reversing Environmental Degradation Trends in the South China Sea and Gulf of Thailand (SCS) - *Closed (Project Completion)*
- Strengthening Marine Protected Areas in SE China to conserve globally significant coastal biodiversity - *Active (Project Approved)*
- World Bank/GEF Partnership Investment Fund for Pollution Reduction in the Large Marine Ecosystems of East Asia (Tranche 1 of 3 tranches) - *Preparation (Concept Proposed)*
- World Bank/GEF Partnership Investment Fund for Pollution Reduction in the Large Marine Ecosystems of East Asia

LME Factsheet

NOAA | TWAP | LME HUB

Available Metadata for GEF LME Projects

Finances

Total cost	269,00M US$
GEF allocation	79,00M US$

Results

[Coastal Management
*1. The Sustainable Development Strategy for the Seas of East Asia (SDS/SEA) was adopted by twelve participating PEMSEA countries in December 2003 after three years of extensive consultations.

2. Coastal and ocean policies have been initiated in four countries; draft coastal and ocean policies are being developed in six countries, Integrated Coastal Management coverage of t...

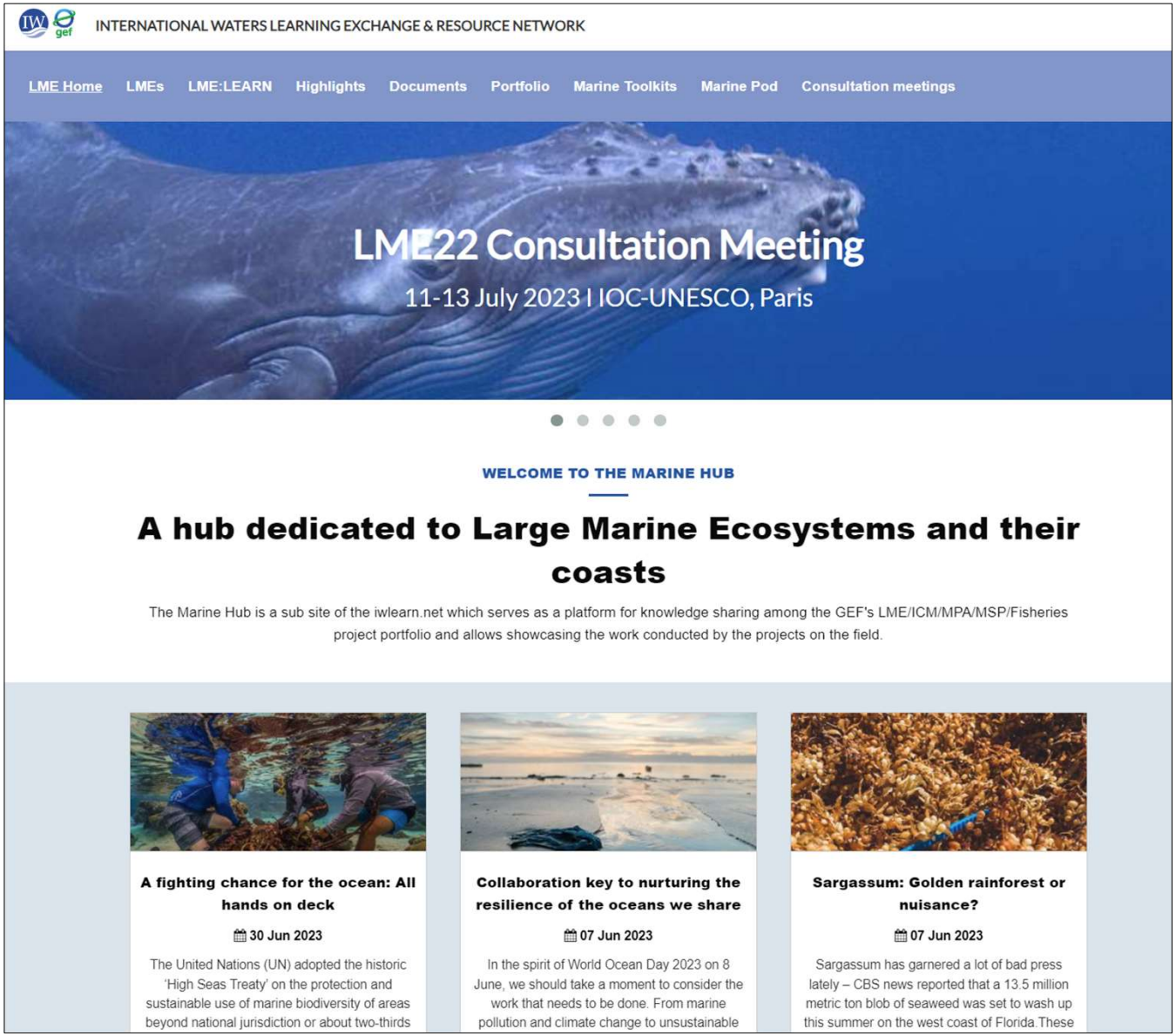
1. One civil works contract under implementation. Other remaining contract is under procurement. Around US$500,000 disbursed by the end of Aug.2011.
2. The capacity of the Project Manager and Service Providers has been improved i.e. around 50 staff have benefited from the training and project processing experiences.
3. Still in the construction stage, the project has attracted the interest...

1.Partnership Strengthening – Stakeholders Signing MOUs
2.Public Assessment of Water Services
3.Sewerage and Sanitation Master Plans Updated

1. Eleven permanent seagrass monitoring sites were established near Bolinao, five on Santiago Island and six in coastal baranguays on the mainland.
2. Sites in Hepu and Bolinao were established as seagrass conservation sites, sustainable use zones, and seagrass sanctuaries, giving the flora in the area time to recover from previous degradation and prevent it from future damages.
3. In Hepu, a t...

GEF4 IW Tracking Tool (2010), GEF5 Tracking Tool (2012), UNEP Terminal Evaluation (2012)

See all results data


INTERNATIONAL WATERS LEARNING EXCHANGE & RESOURCE NETWORK
LME Home
LMEs
LME:LEARN
Highlights
Documents
Portfolio
Marine Toolkits
Marine Pod
Consultation meetings
LME22 Consultation Meeting
11-13 July 2023 I IOC-UNESCO, Paris
WELCOME TO THE MARINE HUB
A hub dedicated to Large Marine Ecosystems and their coasts
The Marine Hub is a sub site of the iwlearn.net which serves as a platform for knowledge sharing among the GEF's LME/ICM/MPA/MSP/Fisheries project portfolio and allows showcasing the work conducted by the projects on the field.
A fighting chance for the ocean: All hands on deck
30 Jun 2023
The United Nations (UN) adopted the historic 'High Seas Treaty' on the protection and sustainable use of marine biodiversity of areas beyond national jurisdiction or about two-thirds
Collaboration key to nurturing the resilience of the oceans we share
07 Jun 2023
In the spirit of World Ocean Day 2023 on 8 June, we should take a moment to consider the work that needs to be done. From marine pollution and climate change to unsustainable
Sargassum: Golden rainforest or nuisance?
07 Jun 2023
Sargassum has garnered a lot of bad press lately – CBS news reported that a 13.5 million metric ton blob of seaweed was set to wash up this summer on the west coast of Florida.These

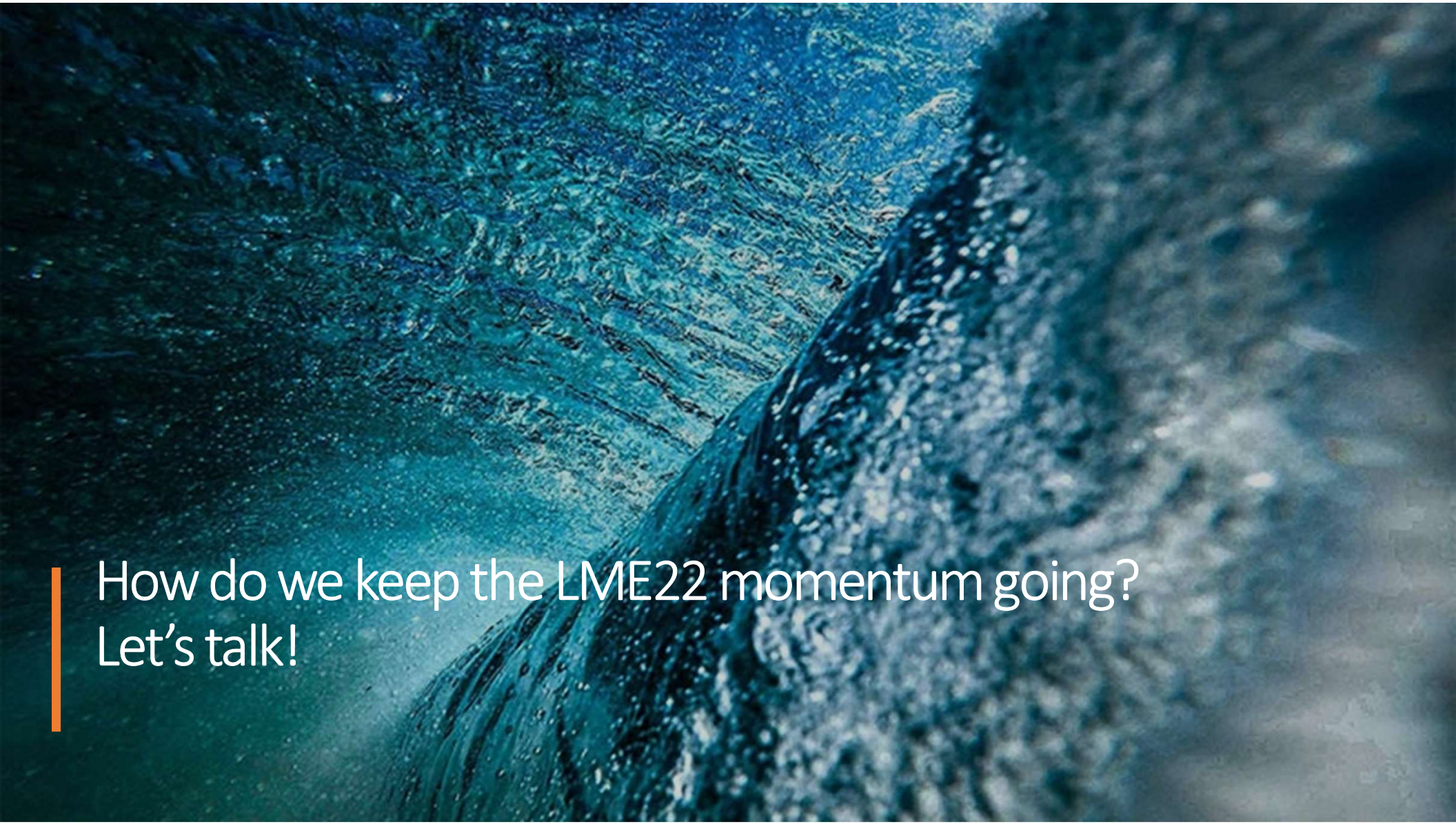
A fighting chance for the ocean: All hands on deck

30 Jun 2023 | by IW:LEARN on Exposure

The United Nations (UN) adopted the historic 'High Seas Treaty' on the protection and sustainable use of marine biodiversity of areas beyond national jurisdiction or about two-thirds of the world's ocean on 19 June. This is a major boost for the adoption of the treaty by countries, the UN system, and various stakeholder groups. The Secretary-General urged all States to spare no effort to ensure that the treaty enters into force and called on them to act without delay to sign and ratify it as soon as possible.The Treaty is a legally binding instrument under the UN Convention on the Law of the Sea (UNCLOS), and which will strengthen both the 2030 Agenda and the Kunming-Montreal Global Biodiversity Framework in reviving the ocean's health. Also on 29 June 2023, the Global Environment Facility (GEF) Council, the GEF's governing board, has approved plans to establish a "game-changing" new fund to finance the implementation of the Kunming-Montreal Global Biodiversity Framework. The enforcement of these agreements and recent developments are critical to realizing the Sustainable Development Goals on life below water (SDG 14), climate action (SDG 6), and securing global food

Planned outreach activities (IWL:LEARN5 2022-2026)

- ✓ **Upgrade and enhance already available online platforms and their features** (website, DIM, Experience Notes, Results Notes)
- ✓ **Support to the use of IT platforms to establish project websites and for improved management of information by GEF projects**
- ✓ **Share project results, experiences and stories** within the GEF IW portfolio and beyond
  - ✓ Turn data and information into stories
  - ✓ IWL organize regional workshops and online events on project visualization and project communication for impacts
  - ✓ Access to references
  - ✓ Help tailor messages and narratives, positioning
  - ✓ Roster and network of communicators, journalists, networks


How do we keep the LME22 momentum going?
Let’s talk!

Ocean
Innovation
Challenge
U N
D P

Any thoughts, suggestions?
✓Joint EoIs for the IWC10?
✓Volunteer to host the first regional workshop for DIM and comms specialist?
✓How do we keep the conversations going after LME22?