



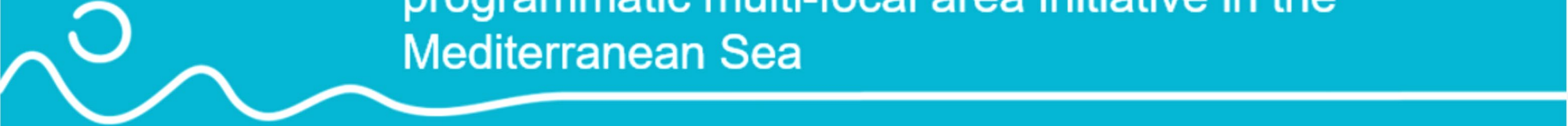
Using system thinking to enhance  
Water Quality, Sustainability and  
Climate Resilience in the  
Mediterranean Source-to-Sea  
Continuum – The MedProgramme

Mediterranean Water Forum 2024,  
Tunis, Tunisia 5-7 February 2024

*Mohamad Kayyal*  
*MedProgramme Coordinator*



**Mediterranean  
Action Plan**  
Barcelona  
Convention

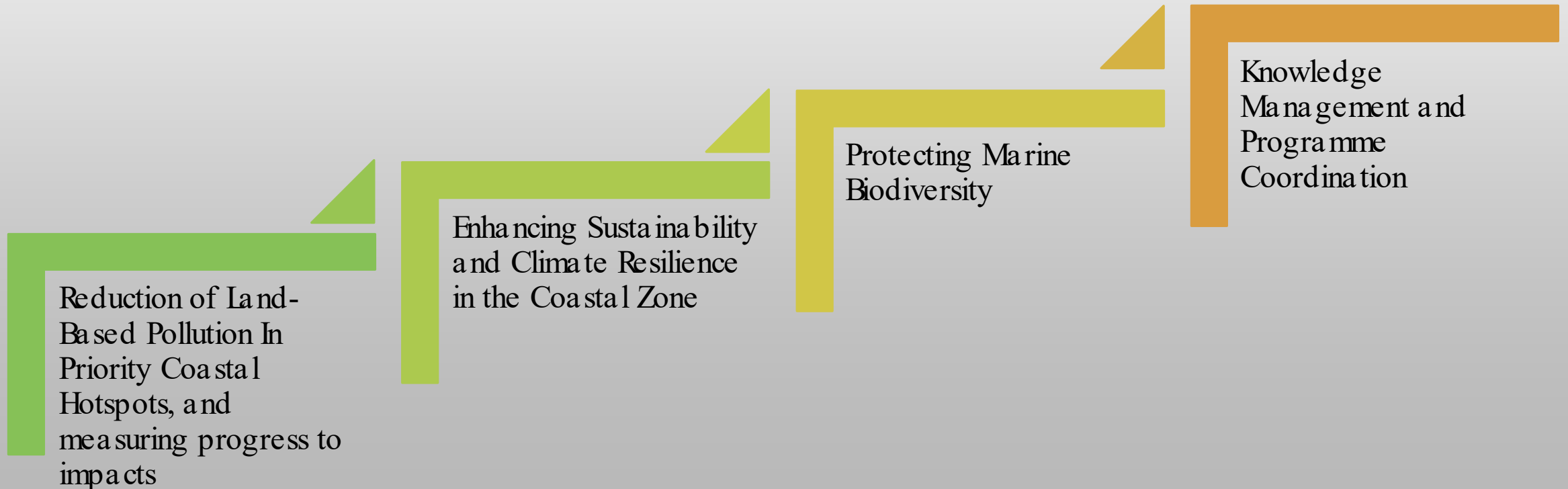
A decorative white wave graphic with a small circle above it, positioned on the left side of the text box.

The MedProgramme is the first GEF  
programmatic multi-focal area initiative in the  
Mediterranean Sea

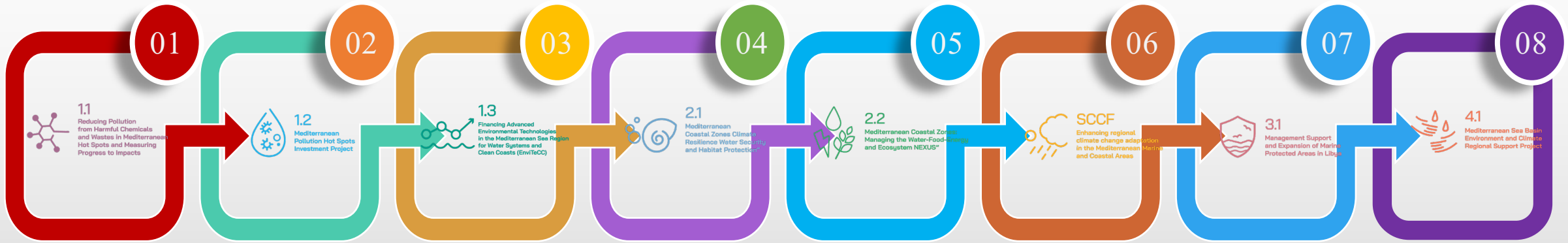
It supports priority actions to reduce major  
transboundary environmental stresses in  
coastal areas while strengthening climate  
resilience and water security and improving  
the health and livelihoods of coastal  
populations

# MEDPROGRAMME SCOPE & COMPONENTS

- ✓ Multi GEF Focal areas: IW, CW, CC, and BD
- ✓ GEF funds USD 43 million; co-financing: USD 550 million
- ✓ Multi Country:  
Albania, Algeria, Bosnia and Herzegovina, Egypt, Lebanon, Libya, Montenegro, Morocco, Tunisia, Türkiye



# 8 CHILD PROJECTS



**1.1**  
Reducing Pollution from Harmful Chemicals and Wastes in Mediterranean Hot Spots and Measuring Progress to Impacts

**1.2**  
Mediterranean Pollution Hot Spots Investment Project

**1.3**  
Financing Advanced Environmental Technologies in the Mediterranean Sea Region for Water Systems and Clean Coasts (EnvTeCC)

**2.1**  
Mediterranean Coastal Zones Climate Resilience Water Security and Habitat Protection

**2.2**  
Mediterranean Coastal Zones Managing the Water-Food-Energy and Ecosystem NEXUS\*

**SCCF**  
Enhancing regional climate change adaptation in the Mediterranean Marine and Coastal Areas

**3.1**  
Management Support and Expansion of Marine Protected Areas in Libya

**4.1**  
Mediterranean Sea Basin Environment and Climate Regional Support Project

## CP 1.1

Measurable reductions in levels of POPs and mercury

## CP 1.2

Design of future investment projects leading to nutrient reduction

## CP 1.3

Accelerate the adoption of technologies for reducing land-based pollution, and improve chemicals and waste management

## CP 2.1

Improving water security, human and ecosystem health, and climate resilience in coastal hot spots

## CP 2.2

Balancing of competing water uses in priority coastal areas through WFE

## SCCF

Enhance capacities of countries to adapt to climate change

## CP 3.1

Expanding seascapes under protection and improving protected area management

## CP 4.1

Dissemination of knowledge, effective portfolio coordination and synergistic interactions among CPs, gender mainstreaming

# EXECUTING PARTNERS

UNESCO/ IHP

European Investment Bank (EIB)

IUCN Med

GWP Med

WWF Med

Plan Bleu

PAP/ RAC

SCP/ RAC- Med Waves

SPA/ RAC



An aerial photograph of the Mediterranean Sea, showing deep blue water with white-capped waves. Several large, realistic-looking bubbles are scattered across the image, particularly in the top-left and bottom-right corners.

# AIM OF MEDPROGRAMME

THE PROGRAMME AIMS TO ACCELERATE THE IMPLEMENTATION OF PRIORITY ACTIONS TO:

- ✓ REDUCE THE MAJOR TRANSBOUNDARY ENVIRONMENTAL STRESSES AFFECTING THE MEDITERRANEAN SEA AND ITS COASTAL AREAS WHILE
- ✓ STRENGTHENING CLIMATE RESILIENCE AND
- ✓ WATER SECURITY AND
- ✓ IMPROVING THE HEALTH AND LIVELIHOODS OF COASTAL POPULATIONS.



THREE CHILD  
PROJECTS OF  
THE  
CHEMICAL  
AND WASTE  
FOCAL AREA  
ARE STRIVING  
TOWARDS:

- THE DECREASE OF POLLUTION OF FRESH AND MARINE WATERS AND, CONSEQUENTLY, THE IMPROVEMENT OF THE COASTAL AND MARINE ECOSYSTEMS AND
- HEALTHY LIVING OF THE PEOPLE OF THE MEDITERRANEAN THROUGH THE IMPROVEMENT OF WASTEWATER TREATMENT FACILITIES AND REDUCTION OF NUTRIENTS AS WELL AS OLD AND NEW LAND-BASED POLLUTANTS IN DISCHARGES AND RUN-OFFS.



ADDITIONAL THREE INTERNATIONAL WATERS CHILD  
PROJECTS AIM TO DEVELOP ICZM,  
NEXUS/ SOURCE2SEA, COASTAL AQUIFERS,  
CLIMATE CHANGE WORKING TOWARDS:

- ❑ THE PROMOTION OF IMPROVED WATER AND WASTEWATER MANAGEMENT PRACTICES EITHER AT THE LEVEL OF WATER BASINS OR AT THE LEVEL OF THE COASTAL ZONE,
- ❑ BRINGING TOGETHER ALL INVOLVED SOCIETAL AND ECONOMIC ACTORS TO REDUCE CONFLICTS IN THE ACCESS TO WATER RESOURCES AND UNSUSTAINABLE EXPLOITATION PATTERNS AND
- ❑ IMPROVING THE QUALITY AND QUANTITY OF AVAILABLE FRESHWATER TO THE BASIN AND COASTAL COMMUNITIES





ONE CHILD PROJECT IS STRONGLY CONSIDERING THE IMPORTANT IMPACTS THAT CLIMATE CHANGE IS HAVING ON MEDITERRANEAN WATER RESOURCES. TO THIS AIM:

- INTEGRATED STORM WATER MANAGEMENT PLANS ARE BEING DEVELOPED CONSIDERING THE INCREASED FREQUENCY AND INTENSITY OF EXTREME EVENTS, SUCH AS FLOODS AND DROUGHTS, AND THEIR IMPACTS ON WATER BODIES, AQUIFERS AND RELATED ECOSYSTEMS.
- COASTAL PLANS ARE PREPARED CONSIDERING POTENTIAL INCREASED LEVELS OF FLOODING, ACCELERATED EROSION, DEGRADATION OF COASTAL ECOSYSTEMS, AND SEAWATER INTRUSION INTO FRESHWATER SOURCES.



- All IW Child Projects focus on the negative impacts on biodiversity and ecosystem productivity of unsustainable water management practices such as water pollution and degradation, water withdrawals and the re-routing of inflows.
- Therefore, the activities of all Med Programme Child Projects have an impact on land and sea interaction and processes all along the Source-to-Sea continuum.



*Our  
Aim*

- TO UPDATE ON IMPLEMENTATION PROGRESS ON THE FOREGOING ASPECTS UNDER IW, AND
- PROVIDING SUGGESTIONS FOR THE ELABORATION OF THE NEXT PHASE OF THE GEF-FUNDED MEDPROGRAMME WITH A FOCUS ON WATER SECURITY

## AGENDA OF SIDE EVENT

- Dimitris Faloutsos, Deputy Regional Coordinator, GWP-Med
  - NEXUS and the Source-to-Sea approaches in the MedProgramme, from practice to policy
- Olivia Becher, EBRD ENVITECC
  - Financing Advanced Environmental Technologies in the Mediterranean Sea Region for Water Systems and Clean Coasts
- With interventions on MedProgramme's support to integrated water management across economic sectors, societies, territories (source to sea) by:
  - Mr. Hicham Bouziane, Director of Planning and Regional Development, Regional Council of Tangier Tetouan Al Hoceima - Coordinator, Local Services Energy Climate Project, Morocco
  - Eng. Mona Fakih, Director of Water, Ministry of Energy and Water, Lebanon
- Panel discussion on the topic "Towards the next phase of GEF funded Water Initiatives in the Mediterranean"



Thank you !



**Mediterranean  
Action Plan**  
Barcelona  
Convention