



# Applying participatory foresight analysis to support ICZM and planning Lebanon

27 February, Beirut

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**European Bank**  
for Reconstruction and Development



**Mediterranean  
Action Plan**  
Barcelona  
Convention



2.1

Healthy Oceans, Coasts and Fisheries



2.2

Sustainable Food Systems



SCCF

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



Global Water  
Partnership  
Mediterranean



**unesco**  
Programme hydrologique  
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# PLAN BLEU, CENTER OF EXPERTISE FOR DEVELOPMENT AND ENVIRONMENT SERVING THE COUNTRIES OF THE MEDITERRANEAN

**MISSION :** To protect the Mediterranean Basin by informing the work and decisions of authorities and decision makers

Plan Bleu is one of the 6 Regional Activity Centres of the Mediterranean Action Plan (MAP) of the United Nations Environment Program (UNEP)

## 5 Core Activities:

- To observe the Mediterranean environment and development to inform governments and the general public;
- To produce socio-economic and environmental studies to inform decision makers;
- To support and accompany the transition towards green and blue economies;
- To project potential futures for Mediterranean sustainable development;
- To support the Science-Policy-Civil Society interface, notably concerning the impacts of and responses to climate change.



“Strategic foresight is a structured and systematic way of using ideas about the future to anticipate and better prepare for change. It is about exploring different plausible futures that could arise, and the opportunities and challenges they could present.

Foresight can support government policy-making through better anticipation, policy innovation and future-proofing.” (OECD, 2023)



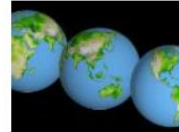
#### HORIZON SCANNING

Seeking and researching signals of change in the present and their potential future impacts



#### CHANGE DRIVERS

Identifying which potential changes could be the most surprising and significant



#### SCENARIOS

Developing multiple stories or imaginary pictures of how the future could look in order to explore and learn from them



#### OPPORTUNITIES & CHALLENGES

Exploring what could change in the policy environment that could make it easier or harder to achieve certain policy objectives



#### POLICY IMPLICATIONS

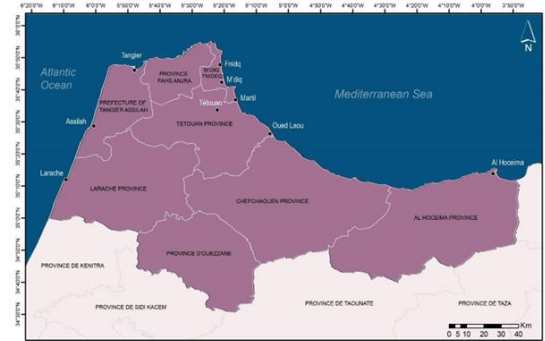
Developing perspectives for action in the present that help to inform policy making



The **MED 2050** project aims to develop an image of what the Mediterranean could look like at an intermediate horizon, 2030, as well as at a more distant horizon, 2050, in order to enlighten and guide political decision-making all around the basin.

## CP 2.1. - Mediterranean Coastal Zones: Water Security, Climate Resilience and Habitat Protection

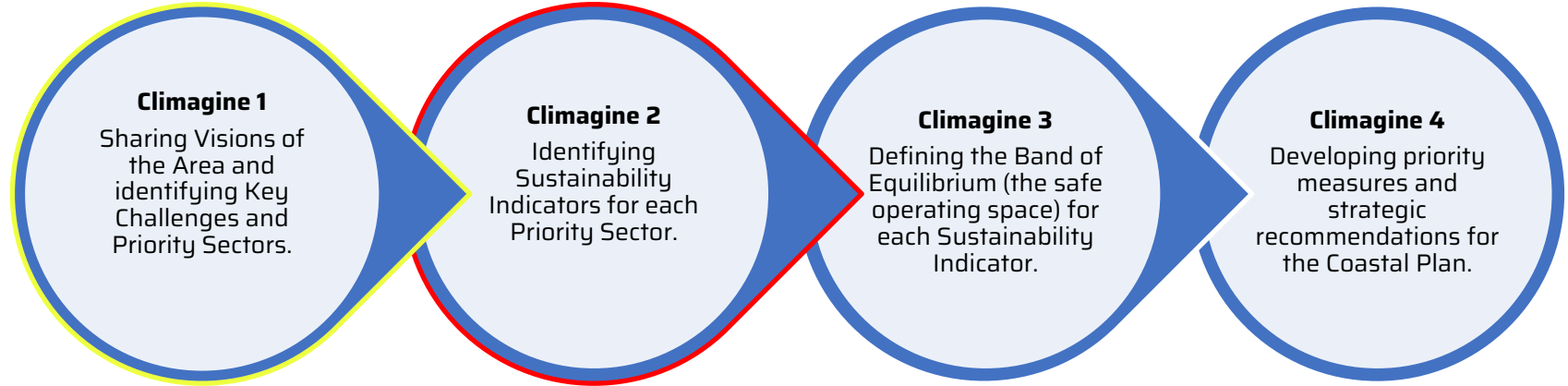
- Climagine applied through 4 workshops in the **Tangier-Tétouan-Al Hoceima region (Morocco)** and **Kotor Bay (Montenegro)** to support the elaboration of regional **Coastal Plans**, led by PAP/RAC.
- In Morocco, collaboration with GWP-Med on **ICZM/WEFE Nexus aspects** in Morocco and UNESCO-IHP on **coastal aquifer management**.
- Climagine Guide for ICZM Practitioners (2024).



## SCCF Project - Enhancing regional climate change adaptation in the Mediterranean Marine and Coastal Areas

- Two **gender-sensitive climate risk assessments** of both coastal hotspots published by Plan Bleu in early 2023.
- Ongoing activities:
  - **ecosystem-based adaptation training for coastal managers** (regional SCCF training);
  - cost-benefit analyses of selected **coastal adaptation solutions**;
  - engaging and building the capacity of **investors, banks, insurers and the private sector** to assess climate risks and support coastal adaptation solutions.



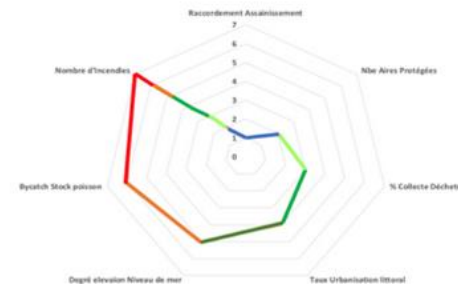


- **Every participant is an expert at her/his own level.**
- Using participatory processes to start a **conversation**.
- By mobilising local and regional expertise, collectively **translating visions into data, trends and scenarios** while **identifying data requirements and challenges**.
- Injecting a simple and communicable **dashboard of indicators** into the Coastal Plan, coupled with **strategic recommendations**.



Indicateur de durabilité	Valeur (%)	Minima durable	Maxima durable	Echelle de durabilité	Situation par rapport à la Bande d'équilibre
1. % de raccordement au réseau d'assainissement au milieu rural	10 %	60 %	90 %	1	Très non durable par défaut
2. Superficie des zones protégées	40 %	X1 %	X2 %	2	Limite inférieure durable
3. Taux moyen de collecte de déchets de la Province de Tétouan	82 %	90 %	98 %	3	Très peu durable par défaut
4. Taux d'urbanisation du littoral de TTA	59,93%	50%	75 %	4	Durable
5. Superficie de terrain supplémentaire submergée par la hausse du niveau marin à l'horizon 2050	12 %	9 %	11 %	5	Limite supérieure durable
6. % de perte annuelle du stock du poisson blanc	14 %	8 %	12 %	6	Non durable par excès
7. Nombre de feux de forêt dans la région TTA	60 %	25 %	40 %	7	Très non durable par excès

Code couleur	Valeurs chiffrées	Situation par rapport à l'état d'équilibre
Dark Blue	1	Non durable par défaut
Blue	2	Très peu durable par défaut
Light Blue	3	Limite inf durable
Green	4	Durable
Light Green	5	Limite sup durable
Orange	6	Non durable par excès
Red	7	Très non durable par excès



Sustainability Indicators

Band of Equilibrium (Safe Operating Space)

Amoeba diagrams (past, current, BAU and alternative scenarios by 2030 and 2050)

- **Lebanon already has a draft national ICZM Strategy for the Lebanese Coastal Zone (2015).**
- Significant material is already available in order to check several boxes of the foresight process
- Plan Bleu proposes to support an integrated participatory process over several workshops in Lebanon.
- Focus on the sharing and analysis of present and future sustainability trends in Lebanon, to encourage **future-proofing** and **back-casting**.
- **Gender, climate change risks, adaptation solutions** will be mainstreamed into the entire process.
- Additional focus on **storytelling** and **awareness-raising** to enrich and disseminate the narrative of a resilient and recovering Lebanon.
- **Identification of data needs and gaps** to inform the process.
- Inputs to the Damour Integrated Management Plan (IMP).
- Inputs from **landscape restoration** and **Nature-based Solutions** - ongoing work at Plan Bleu.



**Thank you for joining the conversation and see you soon!**

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