



# 1st Multi-stakeholders Consultation Meeting on the Water-Energy-Food-Ecosystems Nexus in Lebanon

## The Nexus “Child Project” under the GEF UNEP “MedProgramme”

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GWP-Med*



# The GEF/UNEP MAP Mediterranean Sea Programme: Enhancing Environmental Security

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

It is the first GEF programmatic multi-focal area initiative: International Waters, Biodiversity, Chemicals and Waste, and Climate Change and involves a wide spectrum of developmental and societal sectors

The beneficiary Mediterranean countries: Albania, Algeria, Bosnia and Herzegovina, Egypt, **Lebanon**, Libya, Montenegro, Morocco and Tunisia

Eight complementary Child Projects, each with a specific Focus

# Scope of the Nexus Child Project (CP 2.2)

- To contribute to ICZM planning (under CP 2.1) following the source-to-sea approach that allows:
  - to recognize pressures on the coastal area due to upstream causes
  - to identify interlinkages in policy/thematic areas of priority and key cross-sectoral actions that produce positive synergistic effects in solving the root causes of degradation
- To enhance sectoral integration resulting in improved design and applicability of related policies
- To introduce practical assessment and consultation approaches related to nexus aiming to link these with investment development

## Two levels of interventions

### Regional: Mediterranean

- Nexus Dialogue
- Capacity Building
- Stakeholders Engagement

Albania  
Algeria  
Bosnia and Herzegovina  
Egypt  
Lebanon

Libya  
Montenegro  
Morocco  
Tunisia

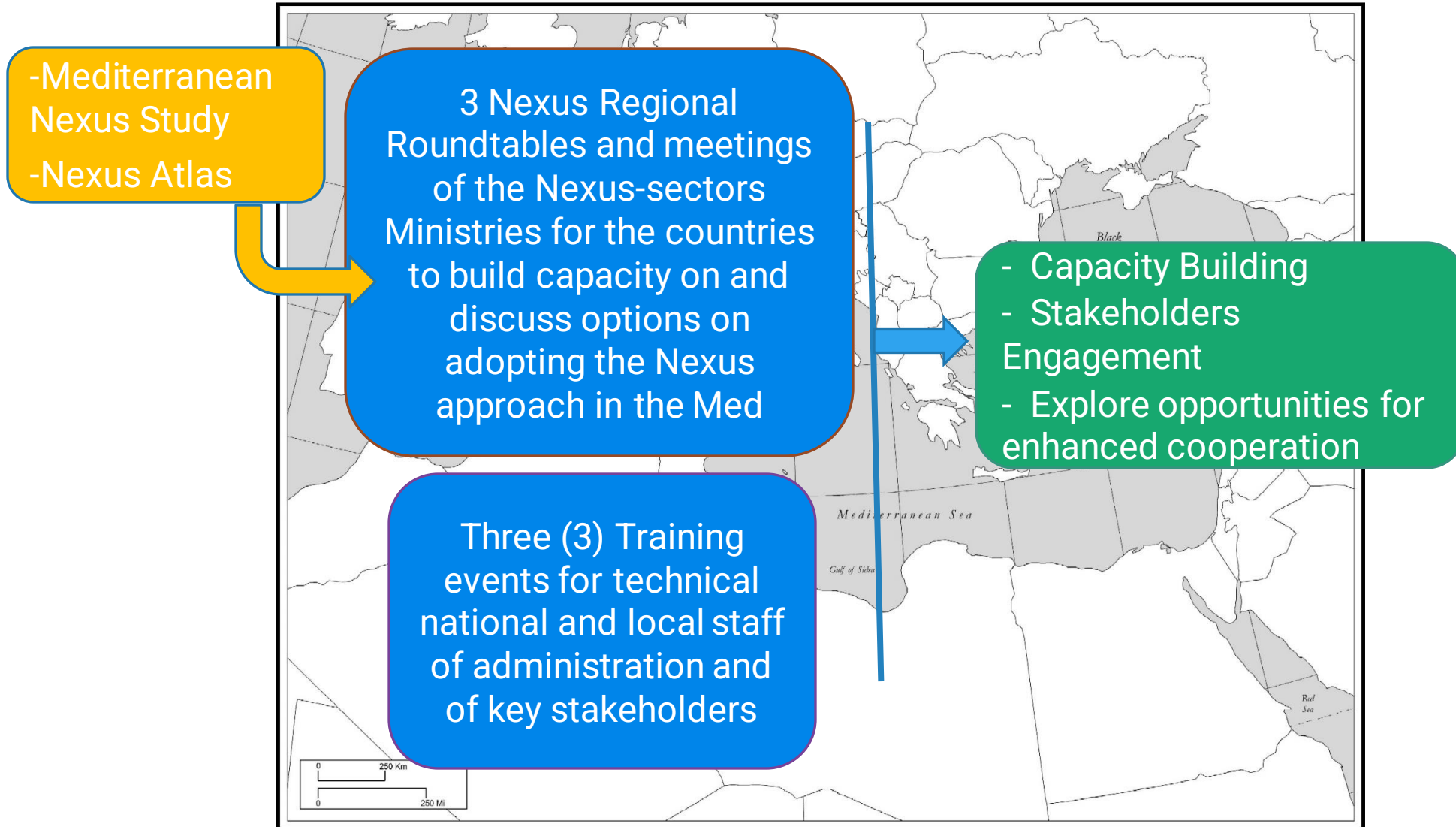
### National/Sub-National

- Nexus Assessment
- Strategy / Action Plan
- Demonstration Projects
- Investments identified / facilitated

Albania (National level)  
Lebanon (National level)  
Morocco (Regional level)

# Component 1: Institutional Strengthening

MEDITERRANEAN



## Component 2: National / Sub-National

Main objective: Application of the **Nexus approach** to enhance integrated policy making, dialogue and management in:



Albania: at country level;

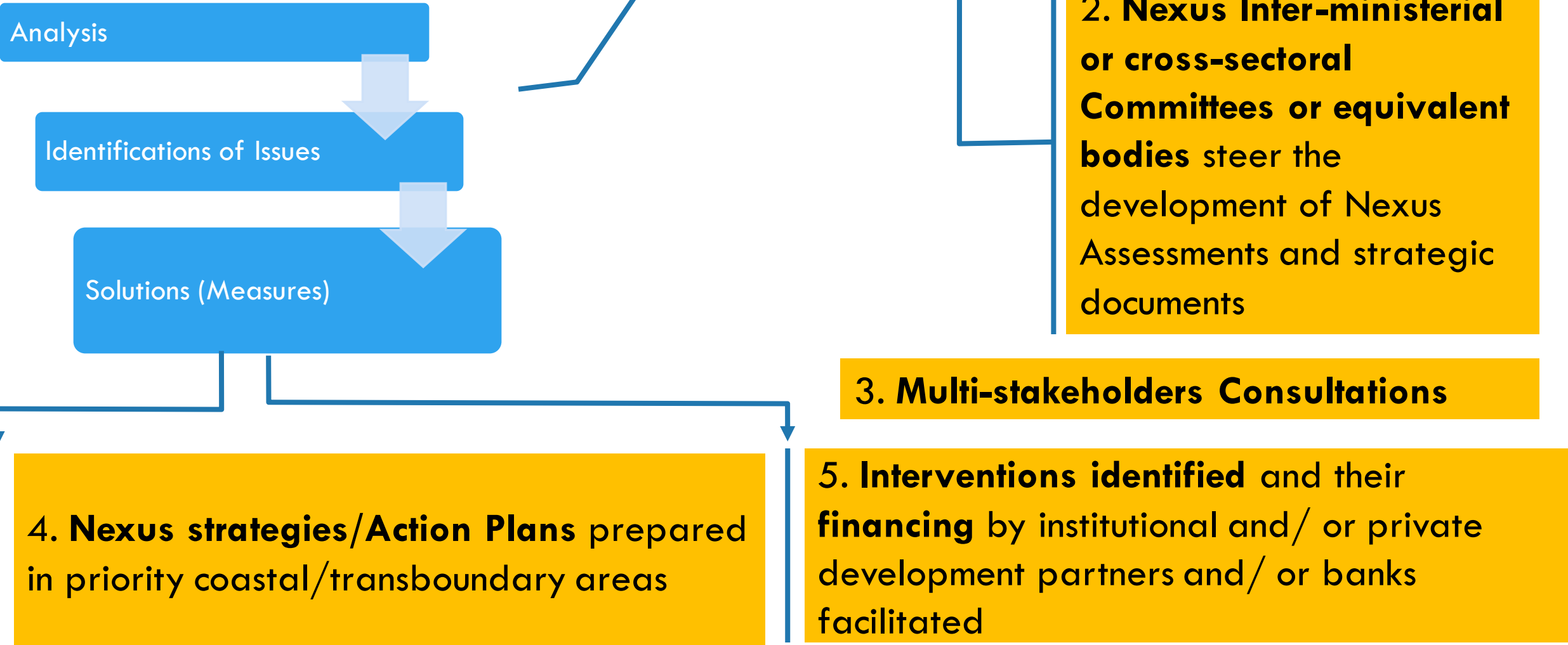


Lebanon: at country level;



Morocco: in the Tangiers Tetouan Al Hoceima region.

## Nexus Approach: Methodology



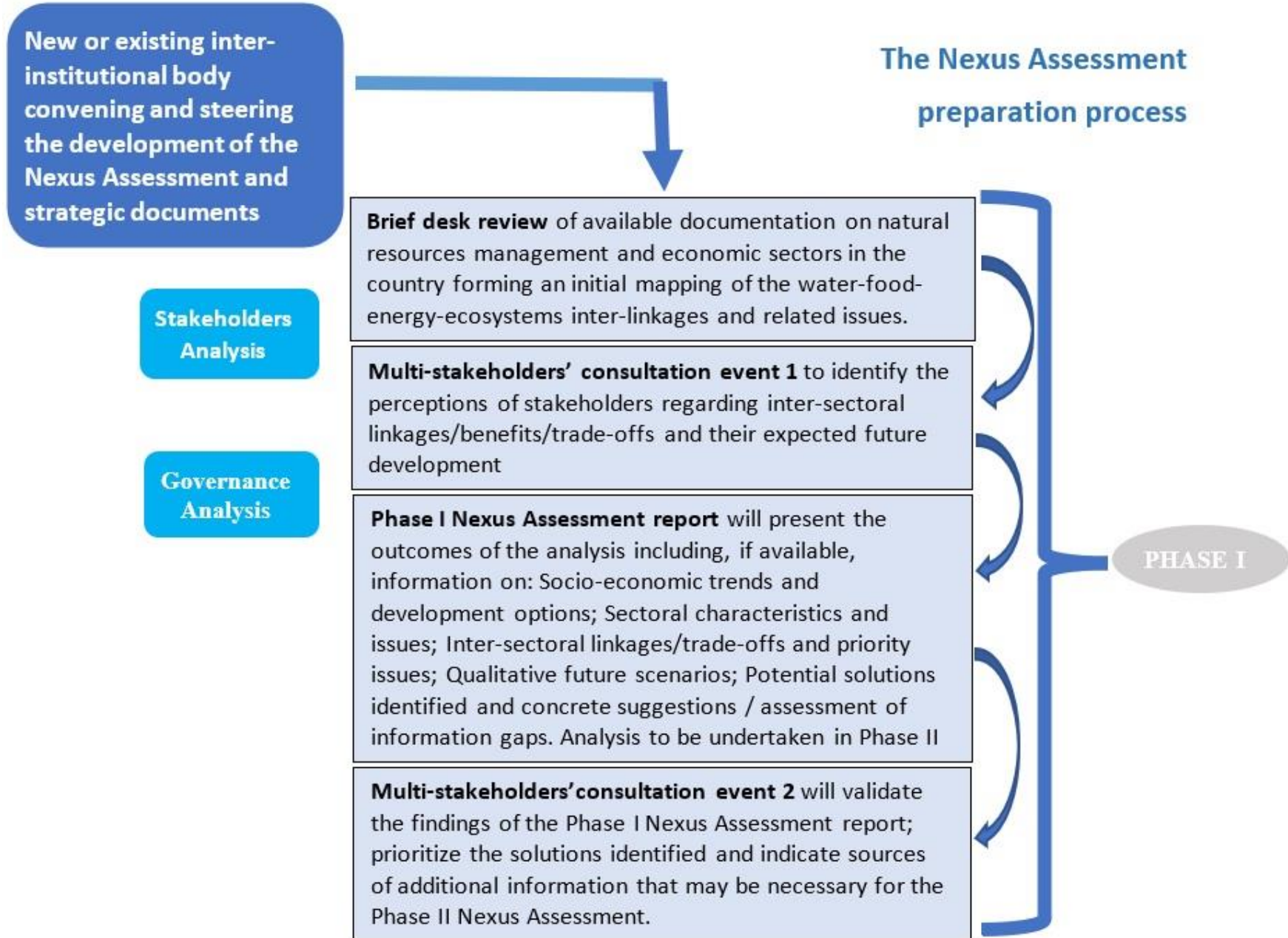
# Nexus Assessment Phase I Status in Lebanon

## ***Qualitative mapping and identification of interlinkages among Nexus sectors***

- ✓ The Inter-institutional Steering Committee of the project has been set-up and it involves representatives of all 4 Nexus sectors
- ✓ Stakeholders Analysis: Preliminary Mapping and Assessment of key stakeholders has been carried out by GWP-Med with the support of relevant institutions
- ✓ Draft Governance Analysis outlining the institutional frameworks related to the Nexus sectors, level of cross-sectoral coordination, causes for ineffective management



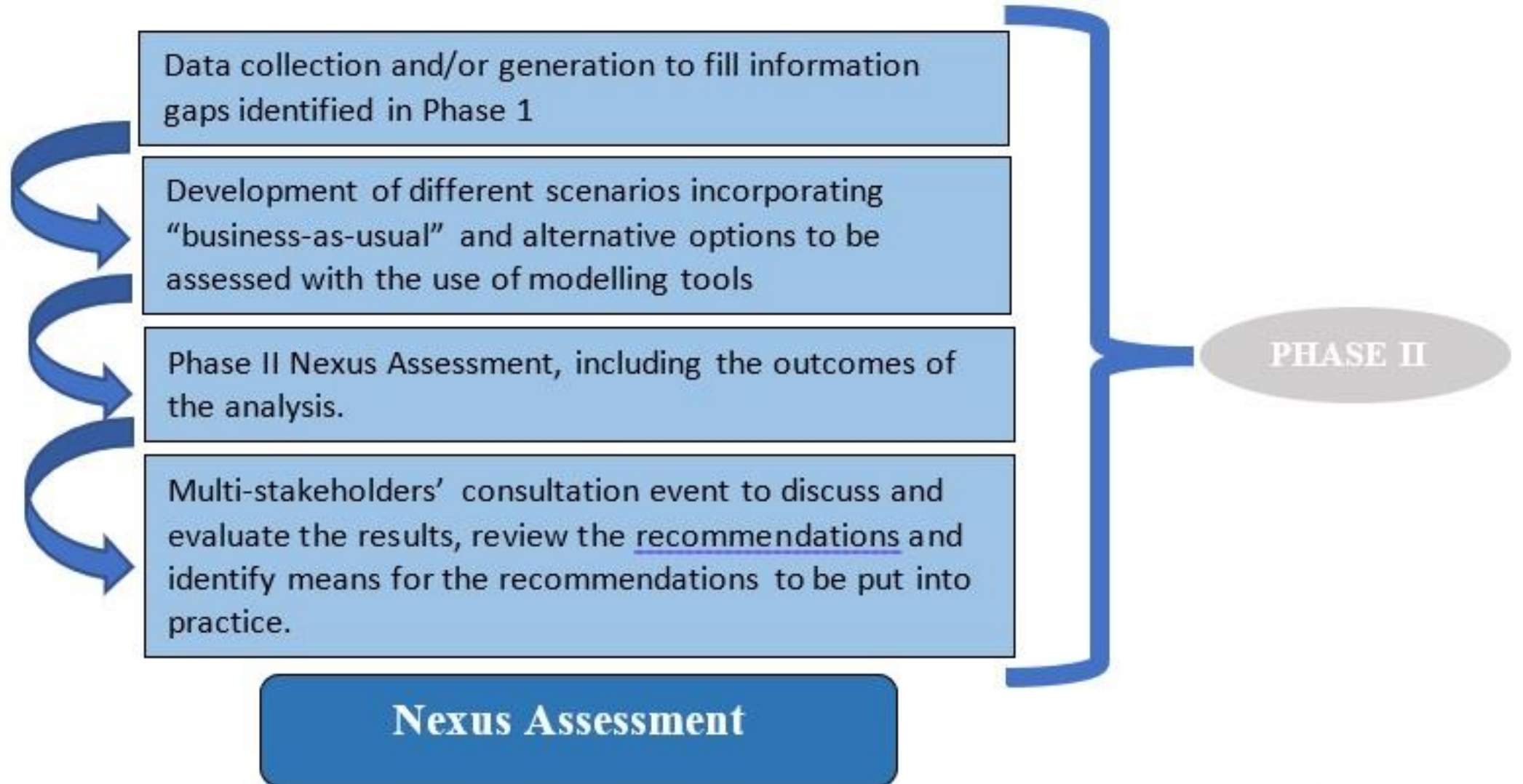
- ✓ Consolidated overview of the current status and trends of the Nexus-related resources (availability and management)
- ✓ Identification of key policy/thematic areas of priority for which interdependencies with other sectors are crucial and strongest
- ✓ Related strategic documents (strategies, plans etc.), decision-making and regulatory frameworks are analysed, and their cross-sectoral interlinkages assessed, including conflicts in competing for the same scarce resources or opportunities from coordinated action planning.
- ✓ The Nexus Policy Dialogue has started with this 1<sup>st</sup> multi-stakeholder consultation. The 2<sup>nd</sup> consultation will be organized towards the end of Phase I (~February/March 2023)



## Nexus Assessment Phase II

***In depth assessment of selected Nexus interlinkages to quantify the benefits from a coordinated approach. This could entail:***

- Data collection and/or generation to fill information gaps identified in Phase I
- Modelling to quantify the physical resource requirements and the linkages among resources to highlight future constraints (related to e.g., scarcity, losses, degradation) and identify corrective actions.
- Assessment of different scenarios incorporating “business-as-usual” and alternative options
- Quantification of water, energy and land resources demand and effects on the ecosystems under each scenario and identification of options that can support decisions making (changing energy mix, irrigation practices, water treatment...)
- Phase II will include at least one multi-stakeholder consultation as part of the Nexus Policy Dialogue.



## Component 3

### ***Testing and up-scaling of Nexus solutions:***

- Identification of traditional or novel Nexus solutions to be tested and possibly upscaled at Mediterranean level
- Assessment of replication potential and feasibility of already applied Nexus solutions at Mediterranean level
- Testing of novel applications and assessment of their replication potential and feasibility (possibly in Lebanon)
- Priority nexus interventions identified including potential sources of funding

# Component 4

## Consultation and Outreach

- A Stakeholders Engagement Strategy, which integrates guidelines for gender-responsive stakeholder engagement.
- Information, Communication and Outreach Strategy and a related Action Plan



Mediterranean  
Action Plan  
Barcelona  
Convention



Republic of Lebanon  
Ministry of Environment