Coastal Management Plan for the Boka Kotorska bay, Montenegro

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Protocol on Integrated Coastal Zone Management

- Montenegro has ratified Barcelona Convention (2007) and the ICZM Protocol (2012)
Under the Child Project 2.1 of the GEF MedProgramme Coastal Management Plan was agreed to be developed for the Boka Kotorska Bay area, coupled with mainstreaming climate change adaptation activities under the MedProgramme’s SCCF project.

Anticipated to encompass wider stakeholder engagement and capacity-building workshops.

Pilot project should be carried out on a selected location or in one of coastal municipalities so that:

1. Operational programme is developed for implementing climate change adaptation measures proposed within the assessment of the possible impacts of flooding caused by sea level rise; cost-benefit analysis and cost assessment in case of non-implementation of adaptation measures is conducted;
2. Climate change adaptation measures for the observed location are incorporated into spatial planning documentation and strategic documents;
3. Workshops for expert and interested public on climate change impacts and related risks, as well as on suitable climate change adaptation measures are organised.

Priority action: Implement pilot project for adaptation to climate change impacts.
The area – Boka Kotorska Bay

• UNESCO World Heritage Site – Kotor-Risan bay
• High vulnerability to coastal flooding
• High population density
• Vulnerability to droughts, forest fires, stormy and heavy rains

GOALS:
• sustainable development and building climate resilience in the target area
• setting the ground for collaborative and multi-stakeholder planning
The ICZM process

- **Climagine** - participatory methodology co-created by Plan Bleu RAC

- To support the Integrated Coastal Zone Management process and climate action

- 3 stakeholder meetings in parallel with Climagine workshops

- Tivat, Kotor and Herceg Novi
1. The Scoping meeting & Climagine workshop

3. December 2021 – Municipality of Tivat
37 participants - from different fields/sectors and administrative levels
The main aim – to determine themes/dimensions in the area that the plan will be dealing with, prioritised by their impact and urgency and most likely impacted by climate change >>> via Climagine process

- Sustainability vision of Boka Bay and identified and prioritized challenges and issues
- Similar challenges and gaps identified in the area, different stakeholders are concerned with similar issues

- Sustainability dimensions identified:
  Spatial development, infrastructure and transportation;
  Integrated water management - Water supply and Wastewater;
  Waste management,
  Sustainable tourism,
  Marine environment…
2. The Diagnostic meeting & Climagine workshop

- 4. July 2022 – Municipality of Kotor
- 43 participants
- Objective of the workshop - develop Sustainability Indicators capable of adequately representing the current and future state of the CMP’s key priority sectors
- Six themes were presented by local expert, and each theme was discussed considering:
  - State
  - Pressures
  - Vision
  - Indicators
3. Metting&Climage workshop

- 18. January 2023 – Municipality of Herceg Novi
- 24 participants

- Participants analysed and prioritised the sustainability indicators
- **Band of Equilibrium tool** - represent the past and present states of the priority sectors described by the SIs, and to identify the threshold values to maintain these SIs in a “safe operating space” until 2030 and 2050.
- It allows for the elaboration of future scenarios to better understand the evolution of Boka Kotorska based on these trends
- Participants were divided into 5 groups, and subsequently discussed priority measures for the Plan priority sectors
Meeting with representatives of the Municipalities

- 4. April in Municipality of Kotor
- PAP/RAC, MESPU and representatives of 3 Boka bay Municipalities: Kotor, Tivat and Herceg Novi
- The three municipalities agreed about future cooperation in plan implementation.

GEF Medprogramme Child Project 2.1 & SCCF project
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Final remarks

• Integral documents that include all topics and links between them are under preparation:
  • an integral diagnostic analysis (state and pressures)
  • an integral document that gathers all measures

• The 4th workshop will be held in July in Municipality of Tivat
• Interviews with targeted key stakeholder groups
• The first Draft of the Plan - end of summer 2023
• Final version Plan - end of the year, or in the first half of 2024

• The plan will provide a comprehensive cross-sectoral framework for the protection and development of the valuable resources of Boka bay, with solutions and recommendations for sustainable development and adaptation to climate change (cost-benefit analysis to be carried out as well)

• The plan will be integrated into the local and regional plans as well as Spatial Plan of Montenegro up to 2040
Thank you!

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