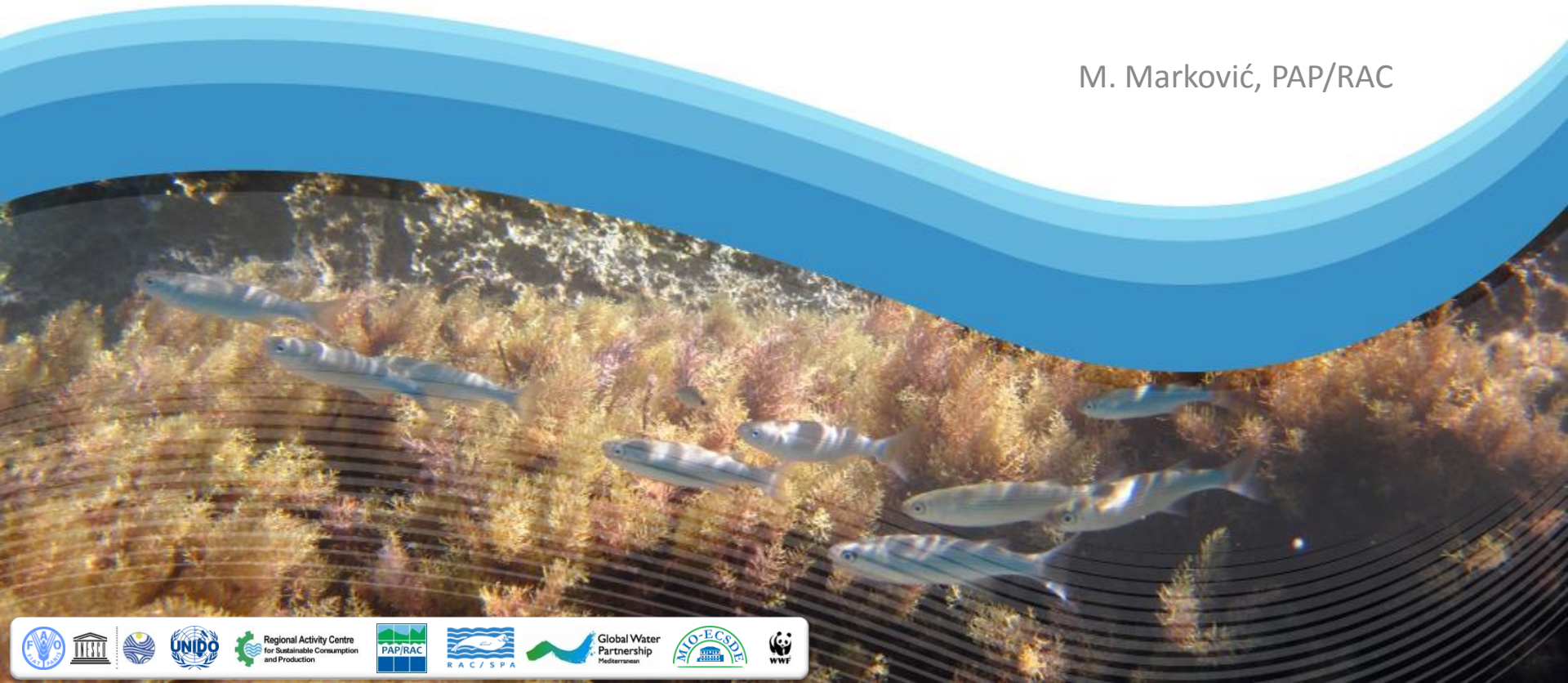


TRANSBOUNDARY INTEGRATED RESOURCE MANAGEMENT PLAN FOR BUNA/BOJANA AREA



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“THE PLAN”

OBJECTIVES

SPECIFIC
OBJECTIVES

MEASURES
2030.

PRIORITY
ACTIVITIES
2015.-2020.



OBJECTIVES/MEASURES

Effective institutional coordination in the form of mechanism/body for integrated planning and management of the area

SUPRANATIONAL

Support policy changes at national level

NATIONAL

Enhanced transboundary cooperation to:

- Improve ecological and chemical status of the water bodies
- Protect biodiversity value
- Help raise the economic and social wellbeing
- Increase resilience to climate change

LOCAL



PRIORITY ACTIVITIES 2020

- Activities – not the list of all possible ones – only those achievable ones in 5y period and key for the overall achievement of the measure
- Initial, key activity – start the transboundary consultation process to agree on Letter of Intent/Agreement on cooperation and establishment of the coordination mechanism
- Initial funds and technical assistance for implementation of this activity could come from international organisations and/or existing international programmes and projects
- Plan measures/activities - basis for allocation of necessary funds for the area's development
- Upon allocation of funds, coordination mechanism (*commission*) could act as a coordinator of implementation of the activities

SUPRANATIONAL

OBJECTIVE 1: Improve transboundary cooperation and governance

Establish appropriate **mechanisms** to ensure that relevant issues of transboundary importance are considered and acted upon bilaterally

- TRANSBOUNDARY AGREEMENT
- TRANSBOUNDARY MANAGEMENT MECHANISM/BODY (feasibility study; consultation process)

Strengthen cooperation through **joint actions** for the management of the transboundary area

- TRANSBOUNDARY PROJECT PROPOSALS
- TECHNICAL SUPPORT TO INSTITUTIONS

Raise awareness on the Plan area's natural and cultural values and development opportunities

- PROMOTIONAL MATERIAL
- AWARENESS CAMPAIGNS (Coast day)

NATIONAL

OBJECTIVE 2: Support policy changes on national level

Change **and/or improve regulation(s)** and enforcement

- REVIEW RELEVANT LEGISLATION (analyse and propose change)
- INTRODUCE THE COASTAL SET-BACK IN ALBANIA (assess, propose changes, include in spatial plans if relevant)

Improve **spatial planning system**

- STANDARDS FOR SPATIAL PL. DOCUMENTS (guidelines, methodology - vulnerability, trainings)
- REHABILITATION OF ILLEGALLY BUILT AREAS (guidelines, models, pilot application, awareness)
- APPLICATION OF LAND POLICY INSTRUMENTS DISOURAGING UNSUSTAINABLE LAND USE (analysis, proposals, technical guidelines, piloting)



LOCAL

INCREASE DATA

C

IMPROVE
ENVIRONMENTAL

CONDIT
WATER, BIO

INCREASE SOCIO-
ECONOMIC CAPACITY

INCREASE RESILIENCE TO
CLIMATE CHANGE

INCREASE DATA CAPACITY

OBJECTIVE 3.1: Establish and regularly update observation mechanism

Improve (harmonised) **monitoring** between 2 countries

-PREPARE WATER QUALITY MONITORING (inter-laboratory cooperation, intercalibrations, local metrics for classification of ecological status of surface waters)

-HARMONISED DETAILED HABITAT MAP

-FOREST AREA QUALITY AND TYPE INVENTORY

Harmonised observation system on **land transformation**

-COMPATIBLE GIS, AGREED LAYERS/THEMES, INDICATORS, BASELINE SURVEY

Assess integrated **vulnerability** of the area

- METHODOLOGY, ASSESSMENT

INCREASE DATA CAPACITY

OBJECTIVE 3.3: Improve human and technical capacities of local administrations to implement the Plan

Organise **capacity building** programmes for local officials and technical staff

Obtain necessary (IT) **equipment** and infrastructure

IMPROVE ENVIRONMENTAL CONDITIONS

OBJECTIVE 4.1: Improve quality of inland surface and marine waters

Improve **sanitation infrastructure** – wastewater treatment (inc. Shkodra city)

- AGREE PRIORITIES
- PREPARE DOCUMENTATION
- SECURE FUNDS
- APPLY EIA
- IMPLEMENT

Apply **eco-remediation methods**, complementary with WWTP, or improving water quality

Support **sustainable agricultural practices**

- CAPACITY BUILDING OF FARMERS

IMPROVE ENVIRONMENTAL CONDITIONS

OBJECTIVE 4.2: Secure availability of water of good quality

OBJECTIVE 4.3: Maintain the natural quality and hydrological conditions of small wetlands

Reduce **water abstraction** and consumption. Reduce **water losses** in distribution systems.

- ESTABLISH CADASTRE OF WATER USE
- WATER CONSUMPTION MONITORING SYSTEM
(surface and groundwater)
- IDENTIFY UNSUSTAINABLE WATER CONSUMPTION PRACTICES
- PROPOSE/IMPLEMENT SOLUTIONS - irrigation-saving measures etc

IMPROVE ENVIRONMENTAL CONDITIONS

OBJECTIVE 4.4: Improve groundwater quality; maintain function of coastal aquifer to prevent/reverse salinization trends

OBJECTIVE 4.5: Decrease eutrophication and improve ecological quality of transitional and coastal waters

Designate and enforce
sanitary protection zones

Eliminate uncontrolled **solid waste** disposal, including sludge from septic tanks

Reduction of **nutrients** coming from **Drin**

IMPROVE ENVIRONMENTAL CONDITIONS

OBJECTIVE 5.1: Protect and enhance the biodiversity and natural values of the transboundary Buna/Bojana area

Improve **status of biodiversity** in the ecologically sensitive areas (including protected)

- ASSESS STATUS OF PROTECTION AND REVISE IF NEEDED
- ANALYSE STATUS OF HABITATS/SPECIES; PROPOSE PROTECTION MEASURES

Assess and **value ecosystem** services in the area

- UNDERTAKE STUDY
- UTILISATION OF ITS FINDINGS PILOTED

IMPROVE ENVIRONMENTAL CONDITIONS

OBJECTIVE 5.2: Improve management of protected areas

Establish **new PAs** in MNE
(based on existing
proposals) and appoint
their management
structures

- SOLANA ULCINJ
- SAŠKO LAKE

Improve **mechanisms** and
capacities for monitoring
biodiversity

- INTRODUCE ENTRY PAYMENT
FEE FOR VELIPOJA PA
- INCREASE CAPACITIES OF
RANGERS

Harmonise PA management measures in 2 countries

- FEASIBILITY STUDY FOR TRANSBOUNDARY PA (e.g. REGIONAL
PARK)

IMPROVE ENVIRONMENTAL CONDITIONS

OBJECTIVE 8: Improve quality of landscape

8.1.1 Map landscape character of the area according to European Landscape Convention requirements

8.1.2 Promote landscape improvement schemes and standards

8.1.2 Improvement of electricity distribution networks

IMPROVE ENVIRONMENTAL CONDITIONS

OBJECTIVE 5.3: Reduce/eliminate impacts of hunting to biodiversity

Support actions related to prevention of **illegal hunting**

- ANALYSE PRACTICE AND REGULATIONS
- IDENTIFY IRREGULARITIES AND UNSUST. TRENDS; PROPOSE CHANGES

Promote **bird watching** in the area

- DEVELOP PROGRAMMES WITH SITES IN BOTH COUNTRIES
- RAISE CAPACITIES WITH STUDY VISITS, EVENTS ETC

IMPROVE ENVIRONMENTAL CONDITIONS

INCREASE SOCIO-ECONOMIC CAPACITY

OBJECTIVE 5.4: Promote sustainable fisheries

Improve fish stock **monitoring**
and control

- ESTABLISH COMMON APPROACH IN RIVER FISH CATCH MONITORING; SPATIAL/TEMPORAL RESTRICTIONS
- ASSES FEASIBILITY OF EST. WHOLESALE FISH MARKETS

Introduce **sustainable fishery**
practice

Stop **illegal fishing** along the river,
in the Albanian side

- PROMOTE/SUPPORT “SPORT” FISHING PRACTICE WITH LOCAL FISHERMEN AS TOURIST OPERATORS

INCREASE SOCIO-ECONOMIC CAPACITY

OBJECTIVE 6.1: Support greening the economic activities

Assess the potential or **green business** in the area

- FEASIBILITY STUDY

Raise **awareness** on green business opportunities

- PROMOTION ACTIVITIES FOR LOCAL
ENTREPRENEURS AND
AUTHORITIES
- TRAININGS
- NETWORKING, EXCHANGE OF
EXPERIENCE

INCREASE SOCIO-ECONOMIC CAPACITY

OBJECTIVE 6.2: Promote sustainable economic development of the area through sustainable tourism

Recognise/develop/promote BB area as a **single tourism destination**. Project proposal development that include series of activities to area's ability to accommodate visitors to acceptable standards:

- Improve infrastructure (access to natural values etc)
- Trainings
- Outdoor activities
- Stakeholder engagement
- ...

INCREASE SOCIO-ECONOMIC CAPACITY

OBJECTIVE 6.3: Improve waste management in the area

Improve technical capacities for the regular **waste collection** and management services in the Albanian side

Remove **derelict construction**;
Remove dumped demolition waste
and inert material

INCREASE RESILIENCE TO CLIMATE CHANGE

OBJECTIVE 7.1: Decrease flood risk

Establish among countries coordinated flood forecast and **early warning system**

Prepare transboundary **flood contingency management plan**

Maintenance of existing infrastructures incl. dykes, embankments and natural protective structures including riparian and coastal forest

Restore **riparian vegetation** and apply bioengineering methods for enhancing the appropriate retention and detention areas, such as heathlands

Albania to **review the operation** of the dams as multifunctional systems (energy, irrigation, retention and detention of hydrological peaks) applying also EU standards for e-flows

INCREASE RESILIENCE TO CLIMATE CHANGE

OBJECTIVE 7.2: Protect the coastline affected by climate change and nat. hazards

Determine zone for **setback extension** as to improve adaptation to climate change, sea level rise

- DETAILED CLIMATE CHANGE VULNERABILITY
- PROPOSE SETBACK EXTENSION AND APPROPRIATE MEASURES (e.g. for infrastructure)

Reduce **coastal erosion**

- SEDIMENT TRANSPORTATION / COASTAL DYNAMICS STUDY
- BEACH MANAGEMENT PLANS
- MONITOR SEDIMENT LOADS

*Thank you for
your attention!*

