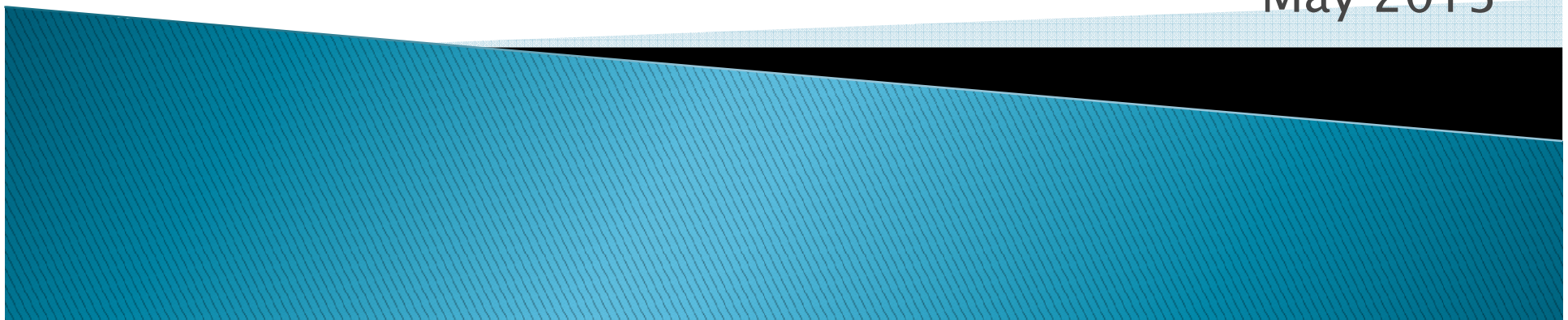# SOME HIGHLIGHTS OF ON-GOING ACTIVITIES FOR THE MANAGEMENT OF THE BOJANA RIVER BASIN AS A PART OF EXTENDED DRIN BASIN IN THE LIGHT OF EU WFD

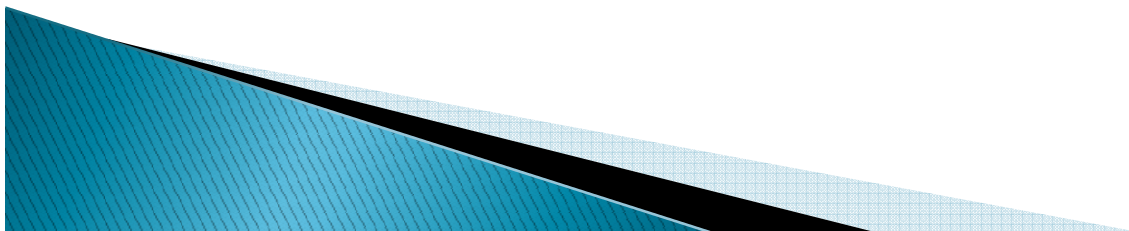Radosav Rasovic, *MSc*

Directorate for waters of Montenegro

May 2013

Introduction

- Process of integration with EU
- EU WFD
- Integral Management Plan for Extended Drin Basin
- Joint efforts of all Riparian countries

Introduction

- GEF project "Enabling Transboundary Cooperation and Integrated Water Resources Management in the Extended Drin River Basin"
- Support for the Action Plan of the implementation the MoU.
- The beneficiary countries:
  - Albania,
  - Macedonia and
  - Montenegro,
- Implementing agency UNDP
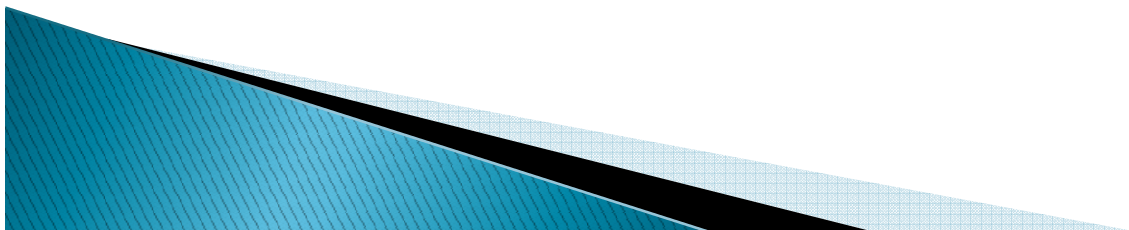- Executing partners of the project
  - UNOPS,
  - UNECE and
  - GWP-Med

The Drin: A Strategic Shared vision

- MoU for the Management of the Extended Transboundary Drin Basin named "THE DRIN: A STRATEGIC SHARED VISION" – 25th November 2011
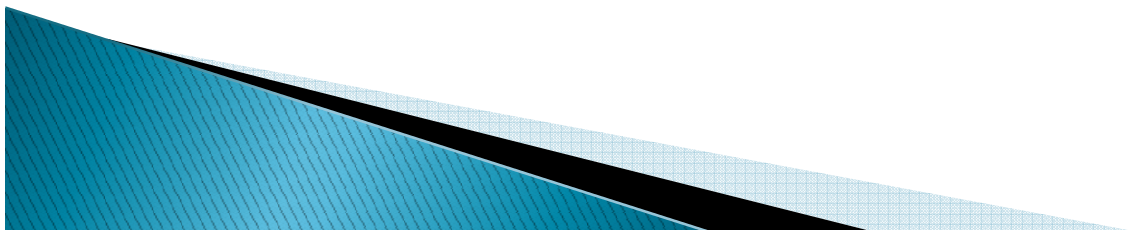
The Drin: A Strategic Shared vision

- UNECE,
- GWP-Med
- The Petersberg Phase II / Athens Declaration process,
- Riparian countries
  - joint water management
  - transboundary cooperation and
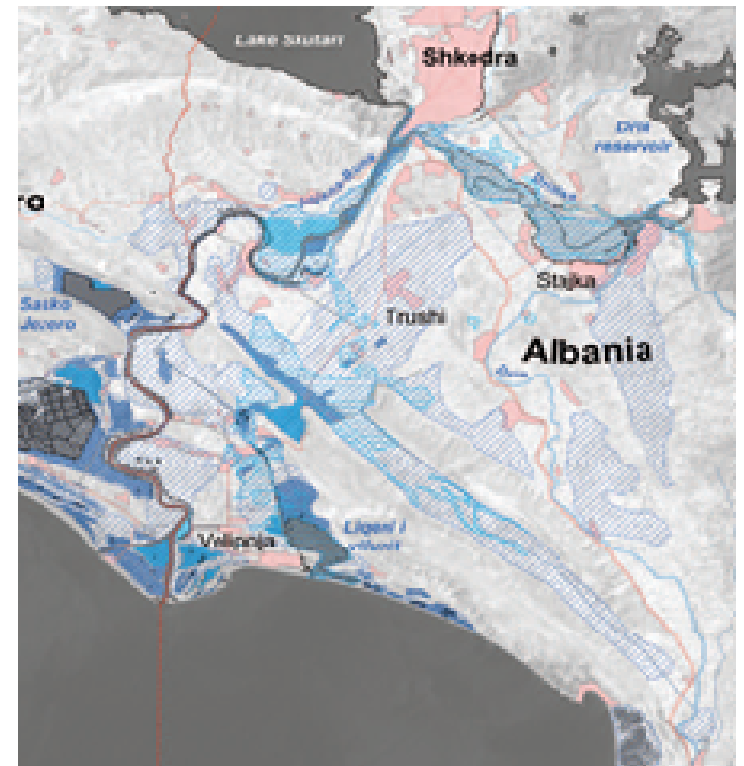 - sustainable development of the region.

Just a little history

- The basin is studied in the last 150 years
- The change of Drin River's flow
- The international activities and commitments with the aim of :
  - Water use
  - Water quality protection and
  - flood protection
- Knowledge of complex regime of Skadar Lake, Drin River and Bojana River
- Improvement of information exchange

Floods 2010 - 2011

▸ The main problems and challenges :
- Control of power dams outflows,
- Small flow capacity of Bojana river bed for evasion of big waters and
- damaged existing dikes in Montenegro and Albania.

▸ International meetings

▸ MoU was signed between Ministers of Montenegro and Albania responsible for water management

Floods 2010 – 2011

- ▶ Two commissions were established for urgent measures
- ▶ Flood maps were made in both countries.
- ▶ Restoration of existing dikes, as regulatory facilities
- ▶ Digging and cleaning the river bed and mouth of the river

Actions on Montenegrin side

▶ **Dikes of Bojana River**
  ◦ importance
  ◦ vulnerability and
  ◦ the need of their restoration.
▶ **Project for reparation of Bojana's dikes (2011) by the Directorate for Waters.**
▶ **Contractor is chosen through a tender procedure,**
▶ **Actions:**
  ◦ cleaning of vegetation,
  ◦ restoration of dikes' body, and
  ◦ raising the level on 6.80 m (in accordance with Albanian partner)

Establishment of current status

- Directorate for Waters of Montenegro,
- Commission members,
- Represents of Municipality of Ulcinj and
- Supervising body
  visited dikes on sight for establishing:
  - current status and
  - reaching agreement on activities that have to be undertaken

Longitudes of existing dikes on the right wing of Bojana River

Dike	Longitude (km)
Sv. Nikola – Reć	6,337
Sutjel – Sv. Djordje	1,470
Gropat – Štodra	0,960
Štodra – Sukobin	2,915
Total	11,682

Outputs

- Dikes were clean of vegetation.
- Geodetic survey was made.
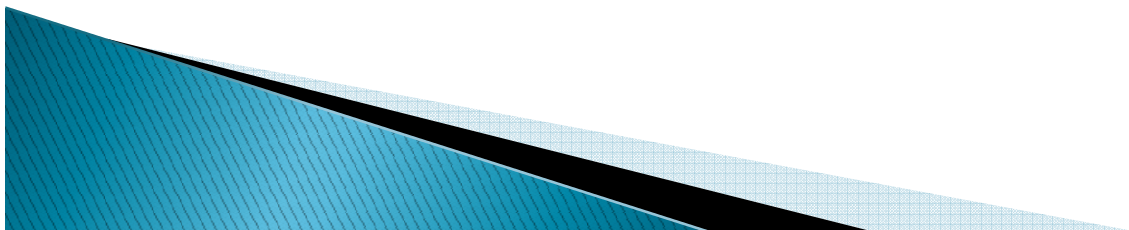- Around 4300m3 materials are built in dikes.
- Top of dikes is now 6.80m.

Meetings and Visits

- Meetings and Visits in both sides were made
- In the same time Albanian partners renovated dikes on Albanian side of Bojana River

Outcomes

▸ During March 2013 occurs heavy downpour
▸ Some partially and temporary floods caused by heavy rain were noted
▸ Bojana's dikes resisted
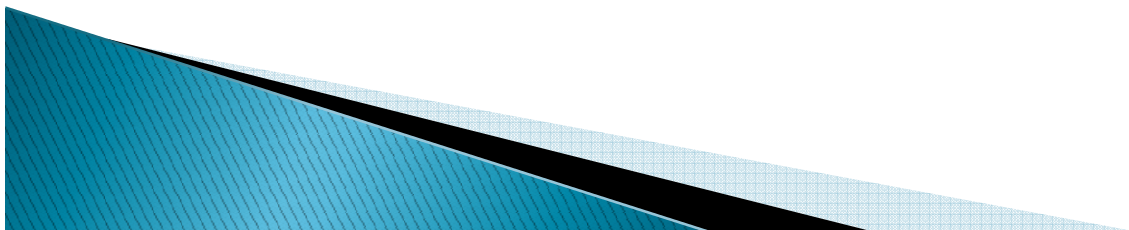▸ Bojana waters didn't overflow in the Ulcinj area

Other activities

- Harmonization geodetic benchmark points between Montenegro and Albania.
- Commissions' members from Montenegro and Albania are going to fix geodetic benchmark points
- Cleaning and digging the Bojana River bed and mouth of the river to the Adriatic Sea for a better water run-off,
  - in the same time
  - with the same contractor

  (There is a serious concern for the political issue of border between this two countries)

IPA – Application for projects

- Directorate for Waters of Montenegro and Albanian Geological Survey have apply in framework of IPA Cross-Border Programme Albania-Montenegro, 2007-2013 with the 12 month project:

"Monitoring of underground waters in Skadar lake and Buna river basin"

Thank you!