

# **Transboundary Water Management in the Danube River Basin**

**Ovidiu GABOR**  
**Deputy General Director**  
**National Administration “Apele Romane”**

# Content Presentation

- Danube River Basin
- Transboundary Water Management
  - Joint Action Program
  - WFD Implementation
  - Flood Action Program
- Transboundary Cooperation within Danube Basin- examples



# The Danube River Basin

- 800.000 km<sup>2</sup>
- 81 million people
- 13 countries (+5)

## About Romania

- 97.8 % of the RO surface is included in the DRB
- 30 % of the DRB surface is in Romania
- 27 % of the DRB population is leaving in Romania

# **Transboundary Danube Water Management - Constraints**



- Regional social and economic disparities**
- The particular situation of transition countries and the requirements for EU accession**
- Major tributaries are transboundary rivers**

# Countries in the Danube River Basin

➔ Germany

➔ Austria

➔ Czech Republic

➔ Slovak Republic

➔ Hungary

➔ Slovenia

Croatia

Serbia & Muntenegro

➔ Bulgaria

➔ Romania

Moldova

Ukraine

Bosnia-Herzegovina

## Small territories

Switzerland

➔ Italy

➔ Poland

Albania

Macedonia

European Commission

*ICPDR*

# **MAIN WATER MANAGEMENT GOAL**

**ASSURE THE PROTECTION OF  
WATER AND ECOLOGICAL  
RESOURCES FOR SUSTAINABLE  
DEVELOPMENT IN DANUBE RIVER  
BASIN**

# **DWM Policies & Actions**

**Joint Action Programme**

**WFD Implementation**

**Flood Action Programme**

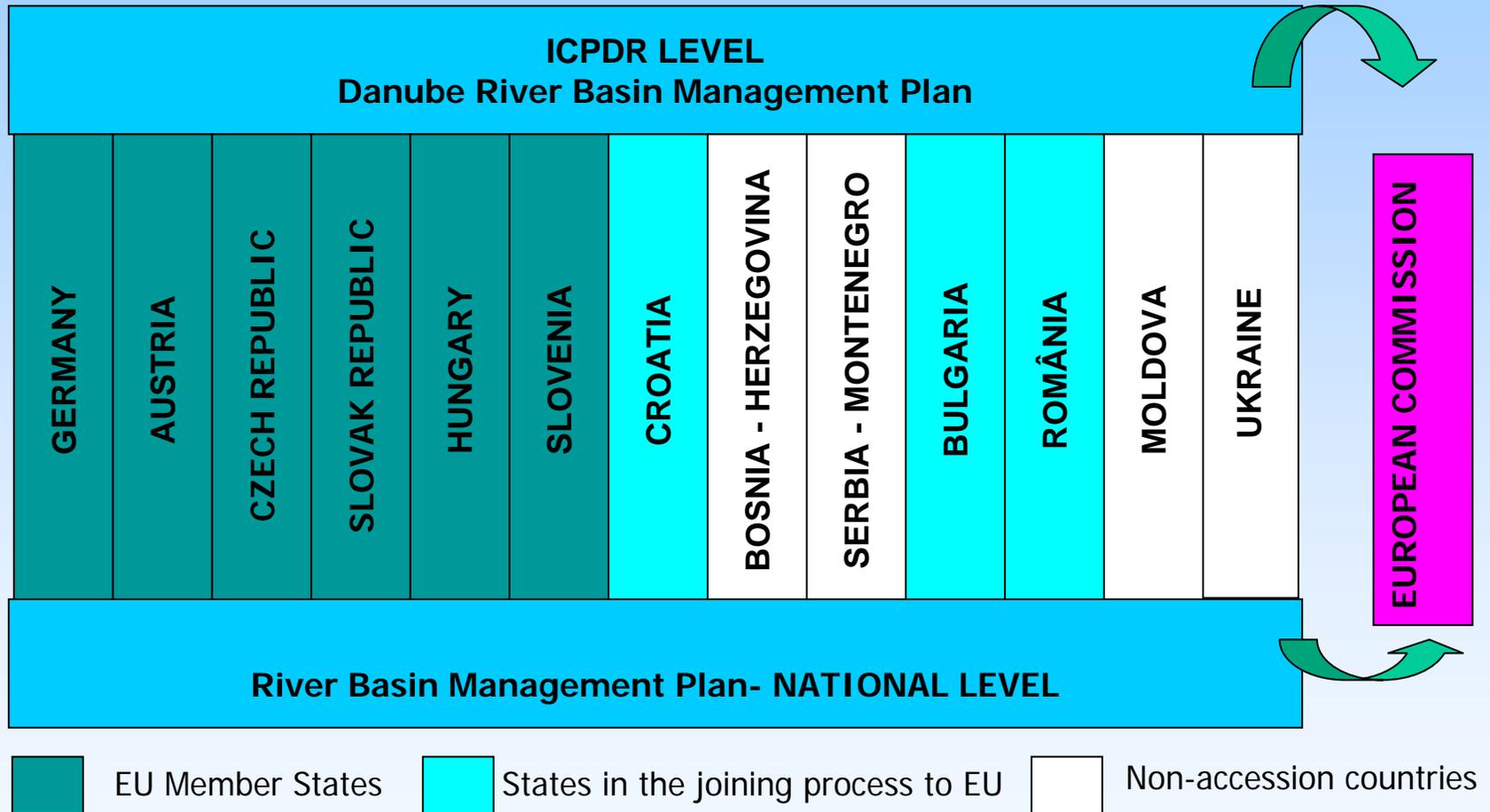


# JAP Policies and Strategies

→ **River Basin Management and implementation of the EU Water Framework Directive;**

- 
- **Emission inventory and pollution reduction;**
  - **Restoration of wetlands and flood plains;**
  - **Transnational Monitoring Network (TNMN)**
  - **Priority substances / recommendations on BAT & BEP;**
  - **Accident warning system (AEWS) and prevention;**
  - **Domestic and basin wide water balance.**

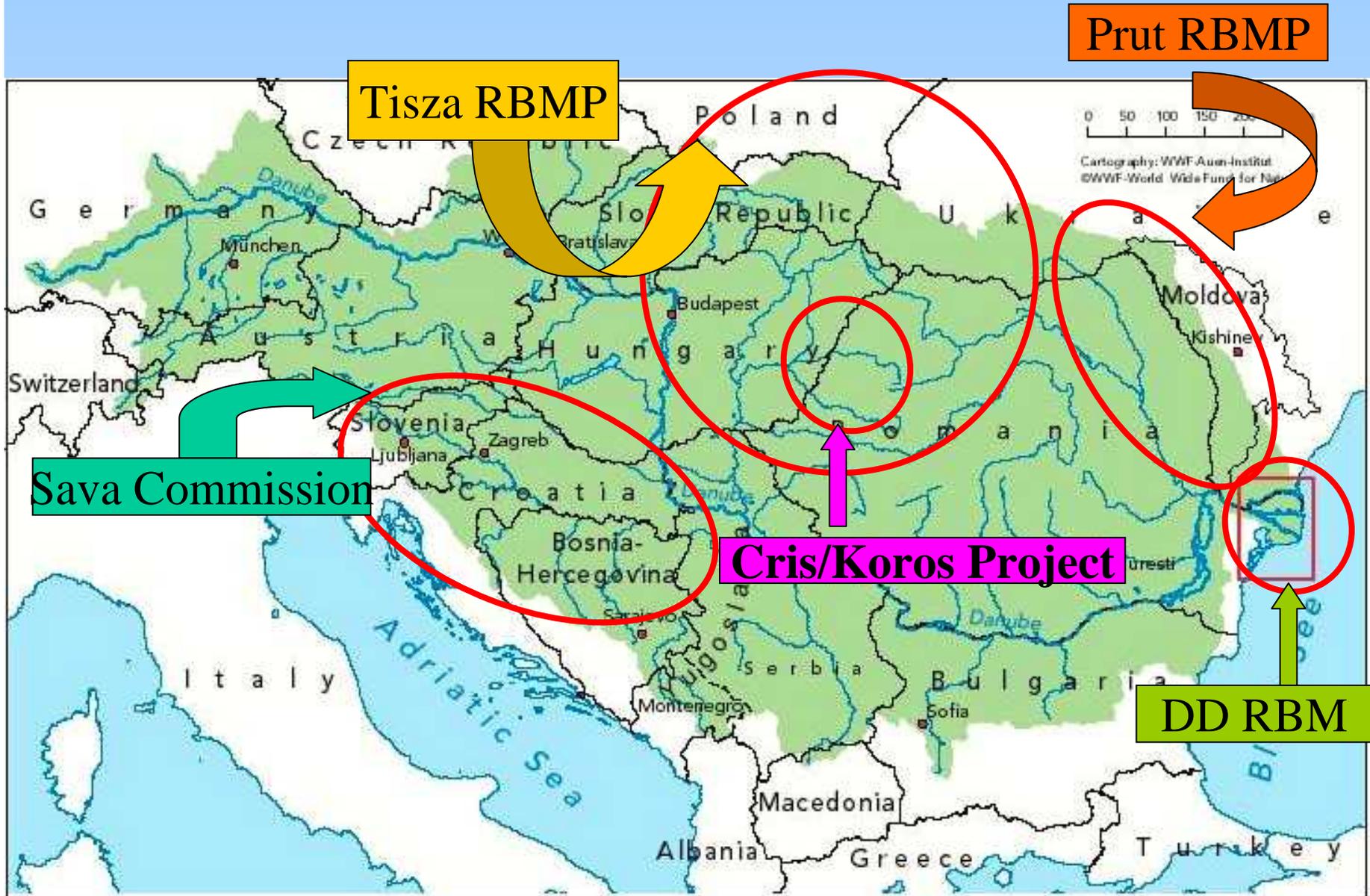
# IMPLEMENTATION OF THE WFD IN THE DANUBE RIVER RIVER



# FLOOD ACTION PROGRAM

- ✓ **INCREASE REACTION CAPACITY**
- ✓ **MITIGATION OF FLOODS EFFECTS AND DAMAGES**
- ✓ **COMMON PROCEDURE TO ELABORATE FLOOD RISK MAP**
- ✓ **HARMONITION OF FORECAST SYSTEM**
- ✓ **MODERN JOINT PROCEDURES FOR WARNING SYSTEM**
- ✓ **ESTABLISHING FLOODING TRANSBOUNDARY AREAS WITH MAJOR RISK**
- ✓ **ELABORATION OF JOINT FLOOD INTERVENTION PLAN**

# DANUBE RIVER BASIN TRANSBOUNDARY COOPERATION





**Thank you for your attention !**