

ROMANIA



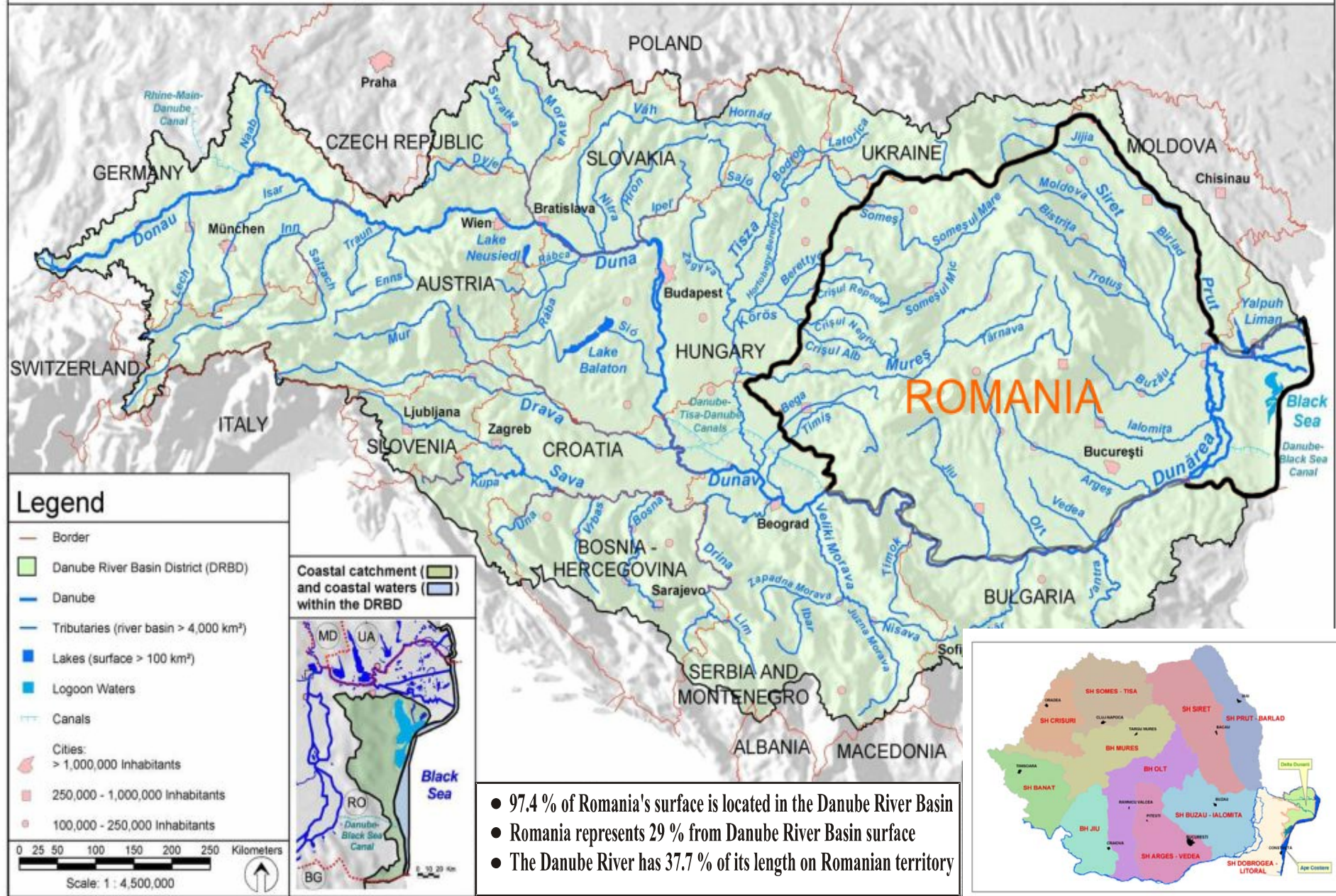
**MINISTRY OF ENVIRONMENT
AND WATER MANAGEMENT**



**IMPLEMENTATION OF THE WATER
FRAMEWORK
DIRECTIVE 2000/60/EC IN
TRANSBOUNDARY RIVER BASINS
IN ROMANIA**

**Anemarie CIUREA
MEWM – Office Head**

Danube River Basin District. Overview map



- 97.4 % of Romania's surface is located in the Danube River Basin
- Romania represents 29 % from Danube River Basin surface
- The Danube River has 37.7 % of its length on Romanian territory

Fig. 2.2 Bazinele / Spatiile hidrografice si Apelor Costiere pe care se elaboreaza Planurile de management

THE IMPLICATIONS OF THE IMPLEMENTATION OF THE WATER FRAMEWORK DIRECTIVE IN ROMANIA

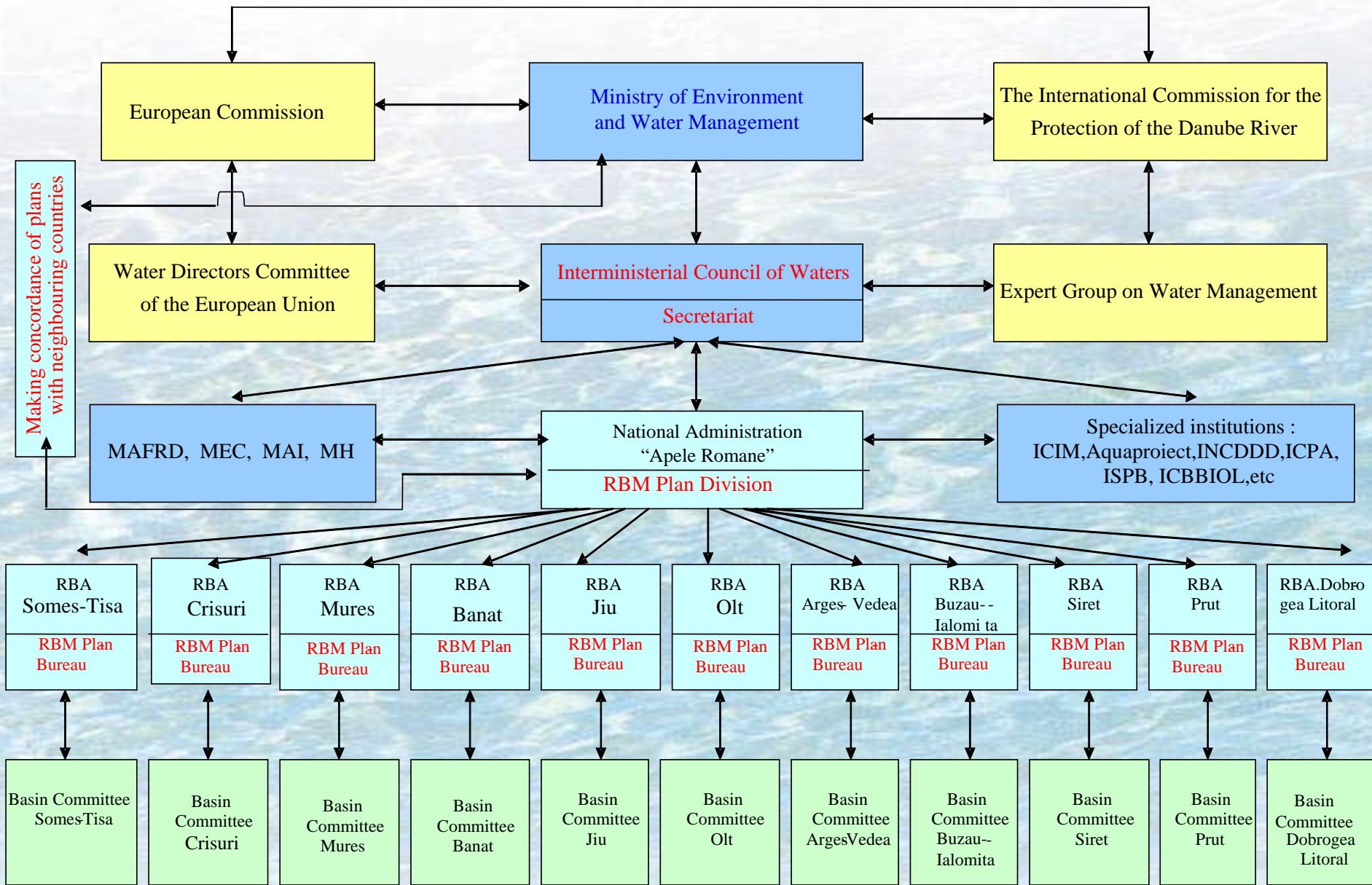
- ❖ From legislative point of view;
- ❖ From organizational point of view;
- ❖ From scientific point of view;
- ❖ From technical point of view;

THE EUROPEAN WATER DIRECTIVES TRANSPPOSED INTO ROMANIAN LEGISLATION

Directives	Transposition into Romanian legislation
The Directive 75/440/EEC on Surface Water for Drinking Water Abstraction – GD 100/2002 (*)	GD 100/2002
The Bathing Water Directive 76/160/EEC	GD 459/2002
The Dangerous Substances Directive 76/464/EEC (plus 7 daughter directives)(**)	GD 351/2005
The Groundwater Directive 80/68/EEC (*)	GD 351/2005
The Freshwater Fish Directive 78/659/EEC (*)	GD 202/2002
The Shellfish Water Directive 79/923/EEC (*)	GD 201/2002
The Directive on the Measurement of Surface (Drinking) Water 79/869/EEC (*)	GD 100/2002
The Nitrates Directive 91/676/EEC	GD 964/2000
The Urban Waste Water Treatment Directive 91/271/EEC	GD 352/2005
The Drinking Water Directive 98/83/EEC	Law 311/2004
The Water Framework Directive 2000/60/EC	Law 107/1996 ammended by Law 310/28.06.2004

* The provisions of these directives are included in the Water Framework Directive.

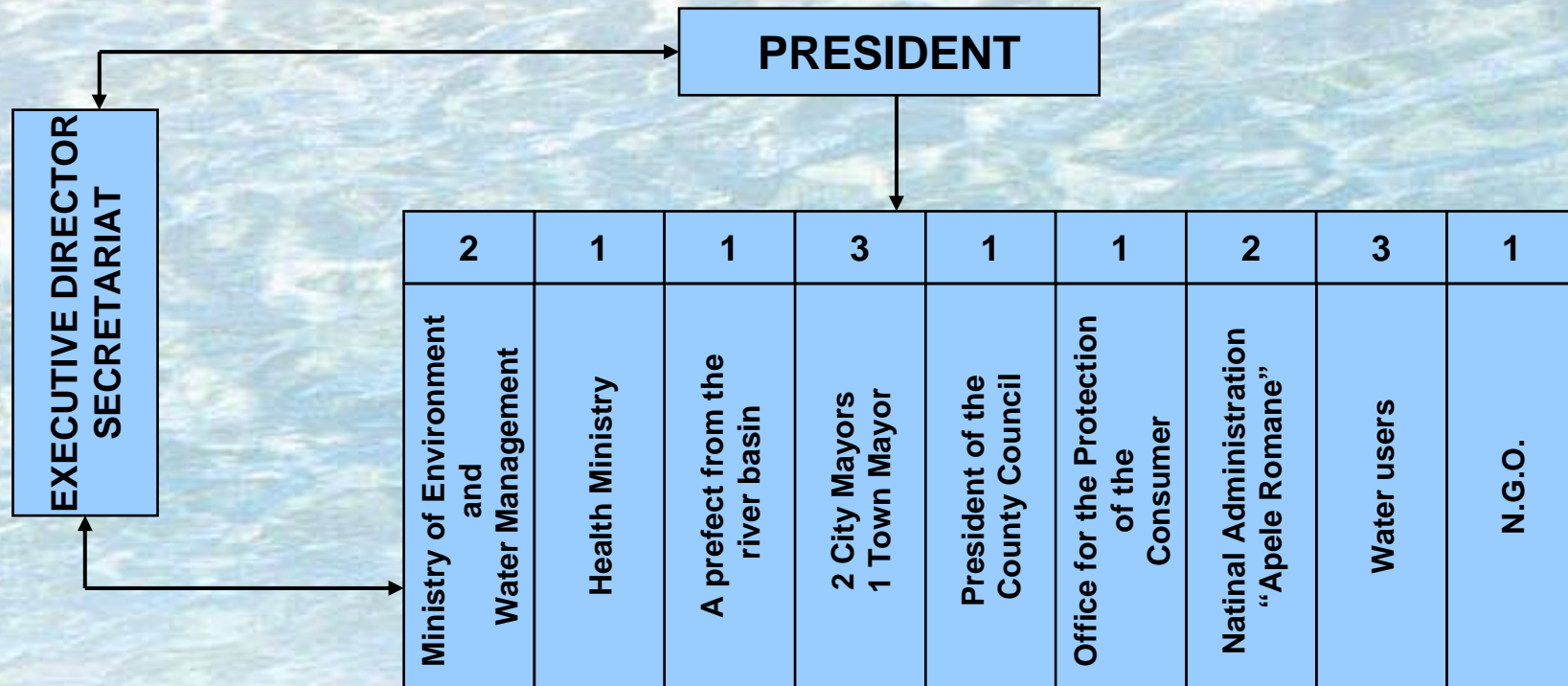
** The provisions of these directives are included in the Water Framework Directive, except Art. 6



Organizational structure for the implementation of the Water Framework Directive in Romania

BASIN COMMITTEE

In each river basin there is a basin committee which is made up of the main “actors” from the water management field : state, local communities, water management units, representatives of industry and agriculture, NGO`s.



BASIN COMMITTEE REPRESENTS THE INTERESTES OF ALL THE PEOPLE

THE IMPLICATIONS OF THE IMPLEMENTATION OF THE WATER FRAMEWORK DIRECTIVE IN ROMANIA

■ From scientific point of view:

- ➡the specialised institutions from the field of water management have modified their activity plan in order to perform research which is necessary for the implementation of WFD ;**
- ➡a special attention is paid to the adapting of EU guidelines to the specific conditions of Romania;**

THE IMPLICATIONS OF THE IMPLEMENTATION OF THE WATER FRAMEWORK DIRECTIVE IN ROMANIA FROM SCIENTIFICAL POINT OF VIEW

Methodologies elaborated/adapted by National Administration “Apele Romane” :

- the methodological guidelines for defining the abiotic typology of streams;
- the methodological guidelines for the delineation of surface water bodies-rivers and lakes;
- the methodological guidelines for the preliminary identification of artificial and heavily modified water bodies- rivers and lakes;
- the methodological guidelines for the development of the integrated water monitoring national system;
- the methodological guidelines for the identification of the pollution point and diffuse sources and for the assessment of their impact on surface water;
- etc.

THE IMPLICATIONS OF THE IMPLEMENTATION OF THE WATER FRAMEWORK DIRECTIVE IN ROMANIA FROM SCIENTIFIC POINT OF VIEW

- the methodological guidelines for characterization the groundwaters bodies;
- the methodological guidelines for the determination of risk of failure to reach the environmental objectives for groundwaters bodies;
- the methodological guidelines for the delineation of the protected areas;
- the methodological guidelines for achievement the economic analysis for water users and services;
- the methodological guidelines for public participation.

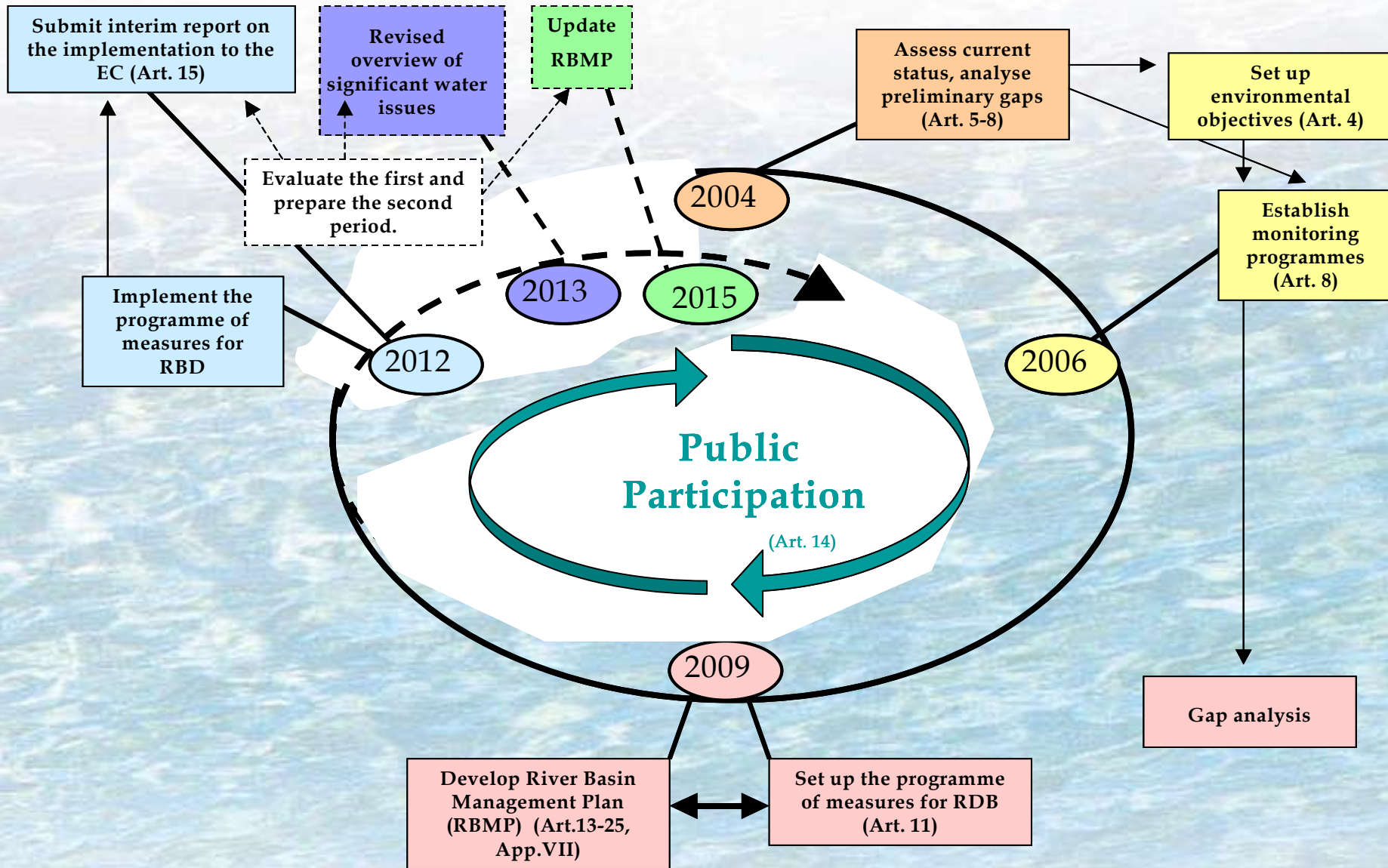
THE IMPLICATIONS OF THE IMPLEMENTATION OF THE WATER FRAMEWORK DIRECTIVE IN ROMANIA

■ From technical point of view:

- ➔ GIS software –ARC/INFO and adequate hardware;**
- ➔ observation, measurements, sampling devices and lab equipment for performing analysis of parameters provided by the WFD estimated at 17 mil. EURO;**
- ➔ skilled and adequately-trained human resources;**

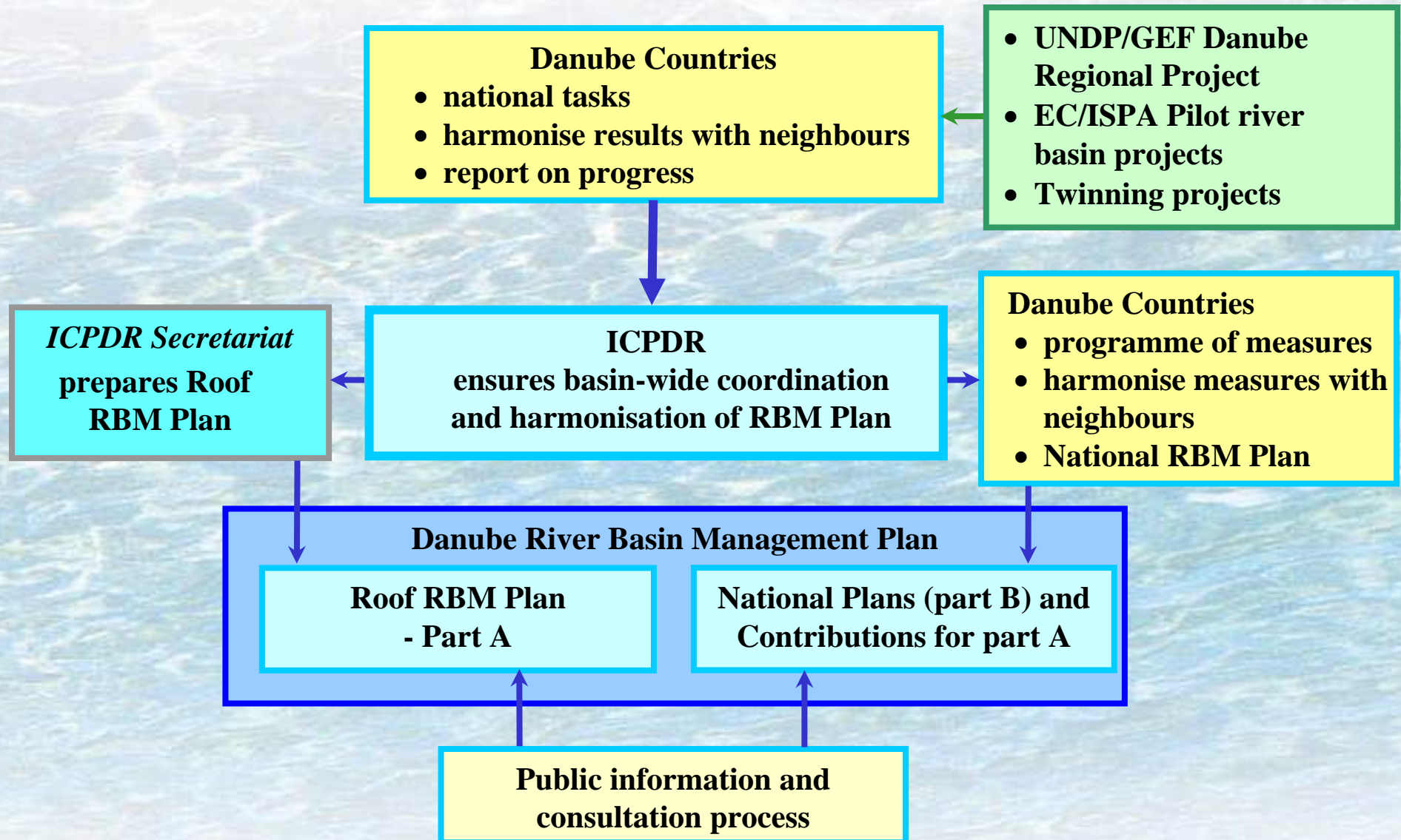
THE IMPLEMENTATION OF THE WATER FRAMEWORK DIRECTIVE IN ROMANIA

- The implementation of WFD in Romania :
 - ➔ a continuous and greatly important activity;
 - ➔ a step-by-step achievement;
 - ➔ involving significant human and financial resources;
 - ➔ requiring co-ordination of the all involved parts at international, national and river basin level
- Romania has committed to elaborate in line with the provisions of the WFD, the *River Basin Management Plan* according to the EC and ICPDR requirements and deadlines.

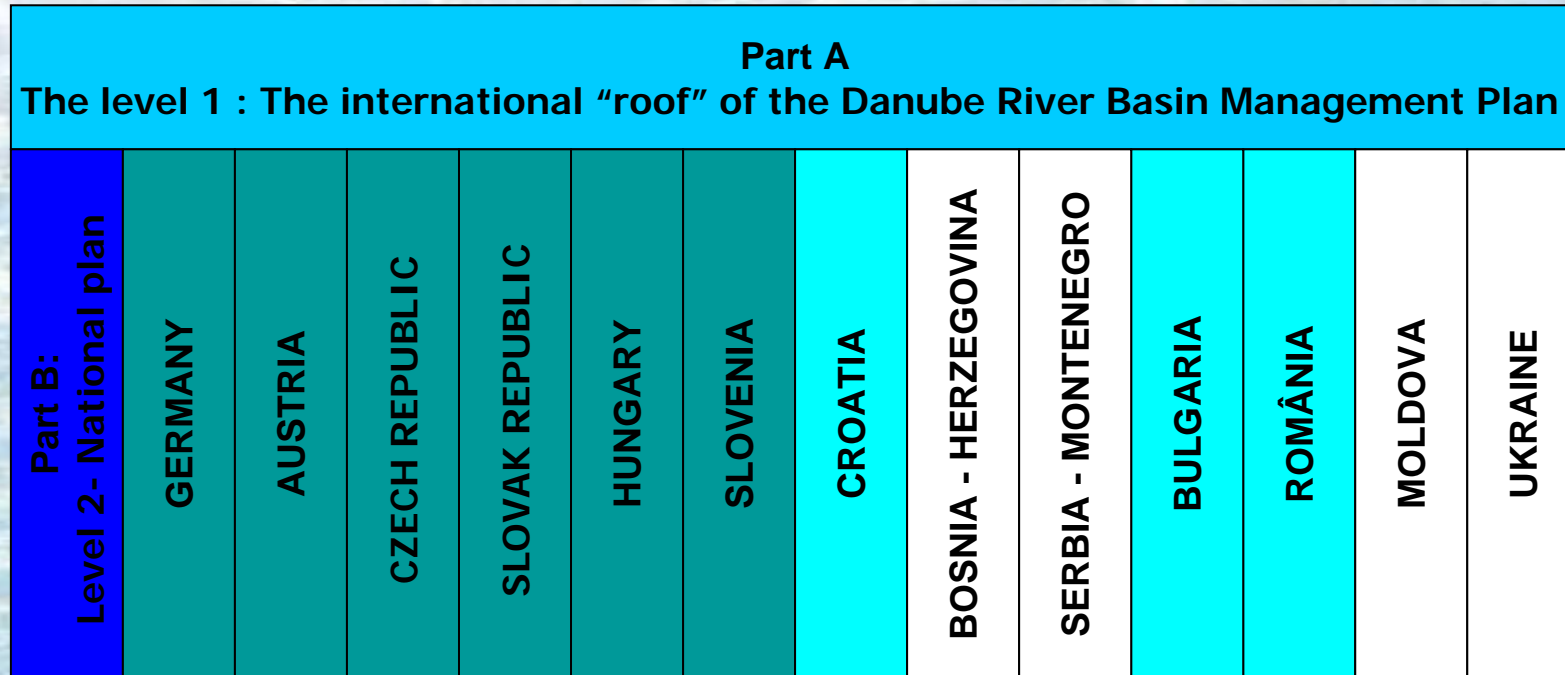





TIME TABLE FOR WORKING OUT RIVER BASIN MANAGEMENT PLAN

DEVELOPMENT OF THE DANUBE RBM PLAN



THE STRATEGY OF THE IMPLEMENTATION OF THE WFD IN THE DANUBE RIVER DISTRICT



 EU Member States  States in the joining process to EU  Non-accession countries

THE STAGE OF IMPLEMENTATION OF WATER FRAMEWORK DIRECTIVE 2000/60/EU IN ROMANIA

Achieved

- Adapting/elaborating specifically methodologies by National Administration Apele Romane
- Elaborating the Water Management Plans on 11 hydrographical units – Report 2004:
Water Directorates, water users, County Directorates of Agriculture, ROMSILVA Branches, local and county authorities, Environmental Protection Agencies, Administrations of Development Regions, National Institute of Statistics, Research Institute for Pedology and Agrochemistry, National Institute of Research - Development “Danube Delta”, National Institute of Marine Research- Development “Grigore Antipa”, National Institute of Hydrology and Water Management and National Institute of Research-Development for Environmental Protection.
- Harmonization of: typology and water bodies with Hungary, Serbia and Montenegro, Bulgaria and Moldova
- Elaborating Romanian Roof Report Part A - the Danube District Management Plans
- Elaborating National Management Plan - Report 2004

On going

-
- Establishing the reference conditions
 - Establishing the limits of quality categories – intercalibration site
 - Adapting the monitoring system
 - Program of measures

PRELIMINARY GENERAL MEASURES PLAN FOR IMPLEMENTATION OF WATER FRAME WORK DIRECTIVE 2000/60/EC

SURFACE WATERS

- Measures to maintain the existing high and good status of all bodies of surface water existing and future preservation of water resources quality), in order to protect the human health and biodiversity, to control waste discharges and the vulnerable areas
- Measures to restore all bodies of surface water and of all artificial and heavily modified bodies of water with the aim of achieving good ecological status
- Measures to reduce pollution from priority substances and ceasing or phasing out emissions, discharges and losses of priority hazardous substances

GROUNDWATERS

- Measures to prevent the deterioration of the status of all bodies of groundwater
- Prohibition of direct discharges of pollutants into groundwater resources
- Measures to achieve good groundwater status

PROTECTED AREAS

- Measures to reaching the requested standards for protected areas
- Measures to enhance the safety of water use

A photograph of a flock of pelicans in flight against a clear, light blue sky. The birds are arranged in a loose V-formation, with their wings spread wide, showing the dark feathers on the underside of their wings. They have long, yellow beaks and white bodies. The text "Thank you for your kind attention" is overlaid in the center of the image in a white, sans-serif font.

Thank you for your kind attention