

Republic of Turkey MINISTRY OF FORESTRY AND WATER AFFAIRS

IMPLEMENTATION ON WATER FRAMEWORK DIRECTIVE IN TURKEY



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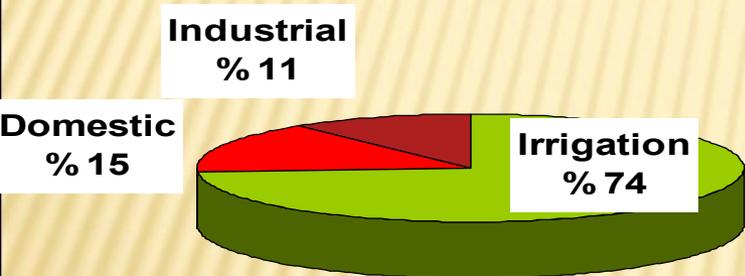
WATER CONSUMPTION IN TURKEY ACCORDING TO SECTORS

Annual Usable Surface Water : 98 billion m³

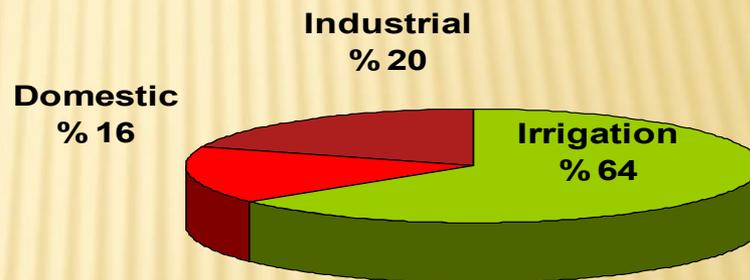
Annual Usable Groundwater : 14 billion m³

Annual Total Usable Water : 112 billion m³

Year 2010



Year 2023



Irrigation : 32 billion m³ (%74)

Domestic : 6 billion m³ (%15)

Industrial : 5 billion m³ (%11)

TOTAL : 43 billion m³

Irrigation : 72 billion m³ (%64)

Domestic : 18 billion m³ (%16)

Industrial : 22 billion m³ (%20)

TOTAL : 112 billion m³

WATER RESOURCES POTENTIAL

- ❖ Turkey is not a water rich country, moreover existing water resources are not evenly distributed in the country-wide.
- ❖ Amount of usable water both technically and economically is 112 billion m³
- ❖ Amount of usable water is 1600 m³ /capita.day

ENVIRONMENT SECTION CLOSING BENCHMARK

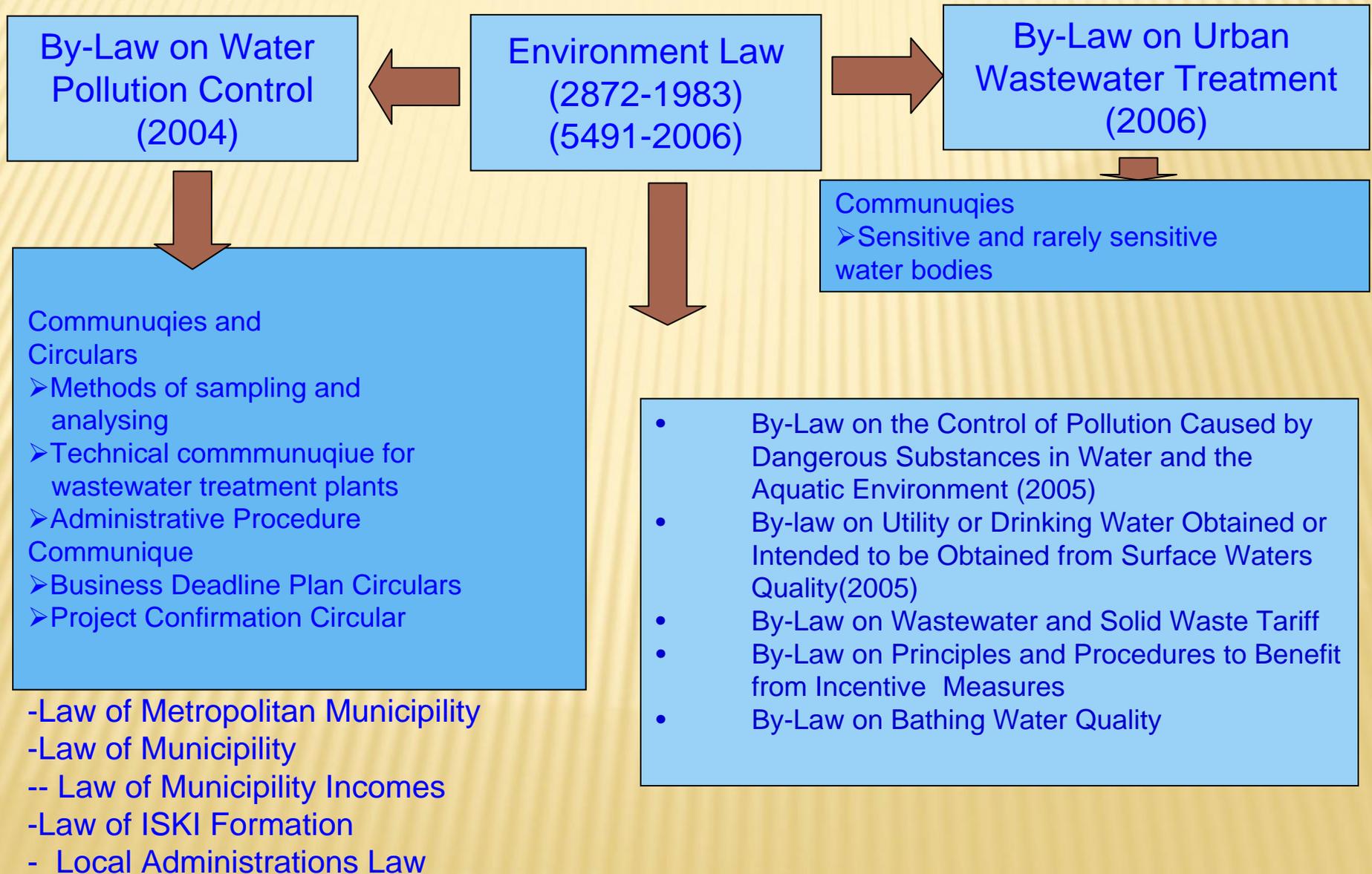
As a consideration to our country's
"Certificate of Negotiation Position", 6
"Closing Benchmark" are specified.



ENVIRONMENT SECTION CLOSING CRITERIA

- 1. Acceptance of horizontal legislation and framework of environment acquis by European Union**
- 2. Achievement of improvement as a result of Turkey's acceptance of European Union's water quality environment acquis (WFD). Preparation of River Basin Management Plans.**
- 3. Acceptance of industrial pollution and risk management environment acquis.**
- 4. Nature conservation, waste and rest of the sectors**
- 5. Developement of coordination and governmental capacity, basing on controlling**
- 6. Fulfilling additional protocol obligations.**

WATER LEGISLATION

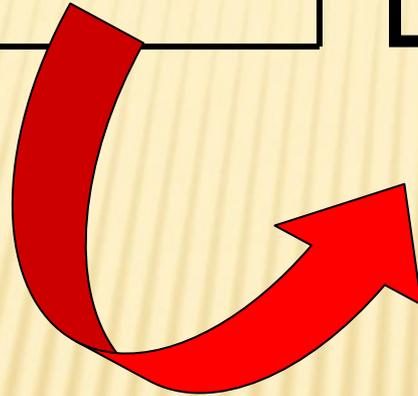


LEGISLATION ADJUSTMENT

Revision of current legislations	New Legislation
Environment Law/By Law of WPC	

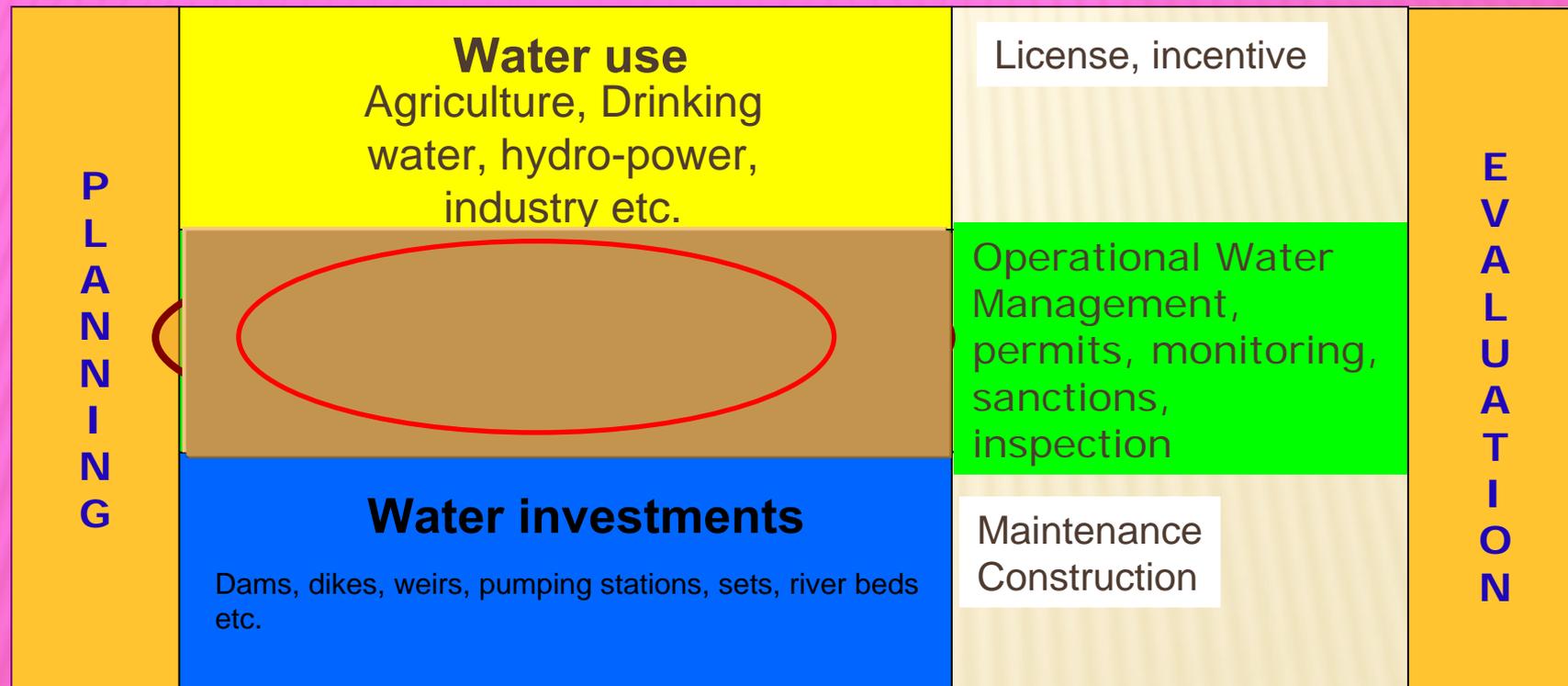
New Legislation

Water Law
By-Law on River Basin Protection



Responsibilities and Roles in River Basin Management

Coordination, Policy and Law-Making



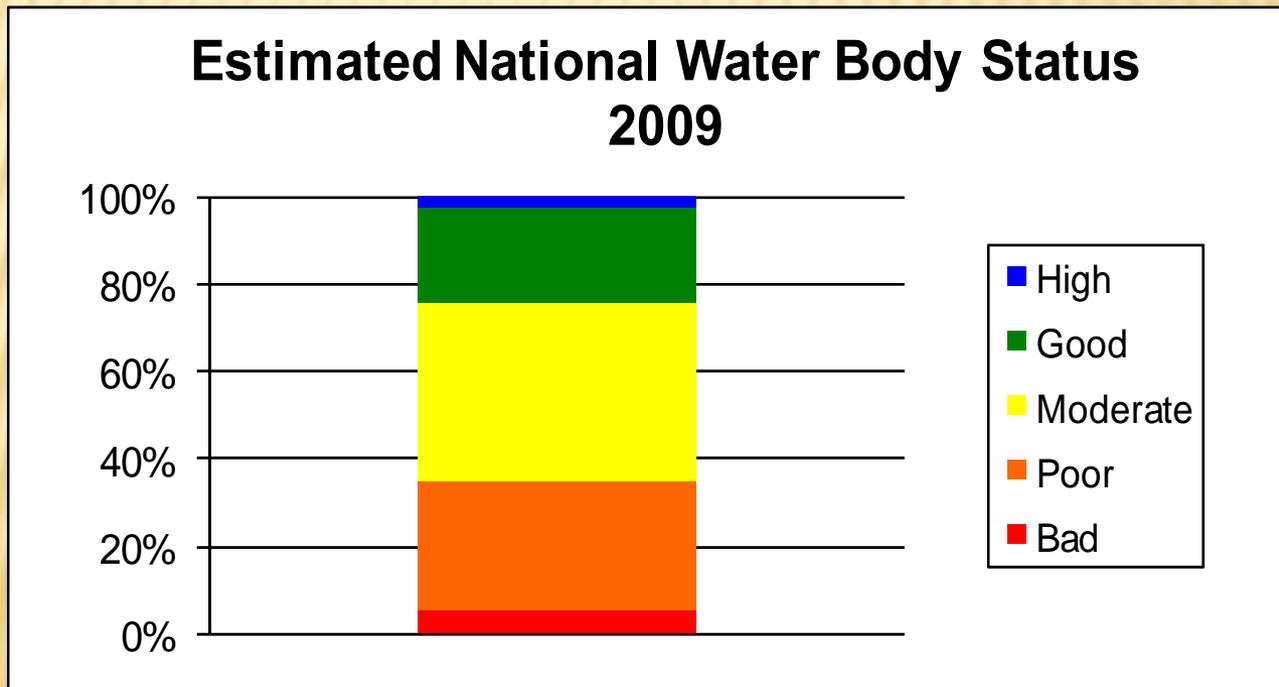
ACTION PLAN ACCORDING TO THE CLOSING CRITERIA

	Action	Year	Explanation
1	Legal transposition	2011	Full transposition upon membership (transboundary parts)
2	Description of River Basin Districts	2012	Works continue on 25 River Basins
3	Preparation of RBMPs (River Basin Management Plans)	After 2014	The preparation of RBMPs are directly linked to the preparation of RBPAPs (River Basin Protection Action Plans) and Characterisation Reports
4	Implementation of RBMPs	After 2015	The conversion of RBMPs will continue. The ones completed, will start to be implemented.
5	Exemption	2027	The time of achievement of the good water status depends on the real problems in the basins.

WATER FRAMEWORK DIRECTIVE APPLICATIONS

According to Water Framework Directive, by 2015 in the case of reasonable grounds at the latest by 2027 member states must have a objective of reaching **good water status** for all water bodies.

Good water status including both “**good ecological status**” and “**good chemical status**”.



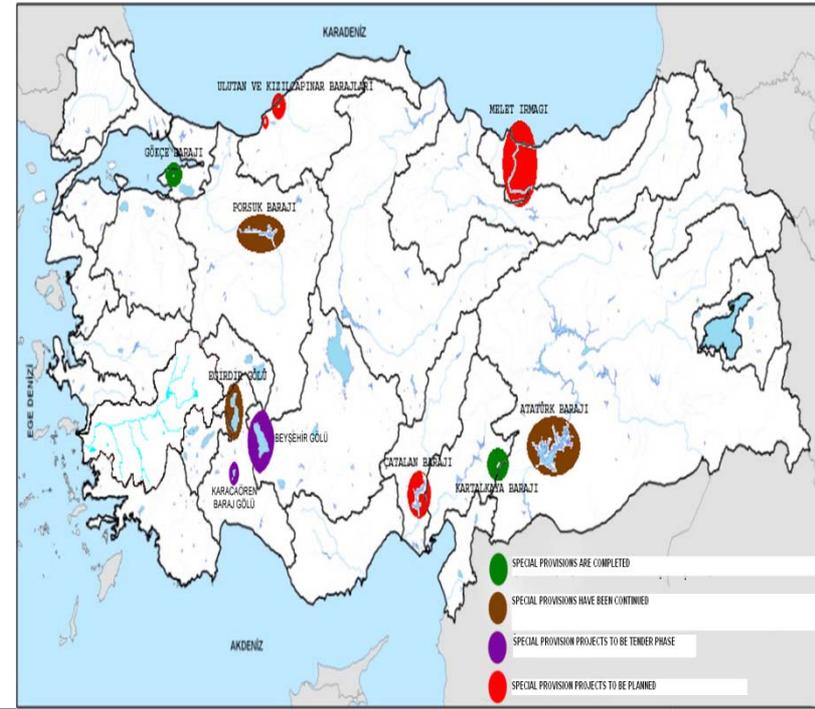
WATER POLICY

Instead of Isolated Solutions,
Switch to Solutions Based on
River Basins

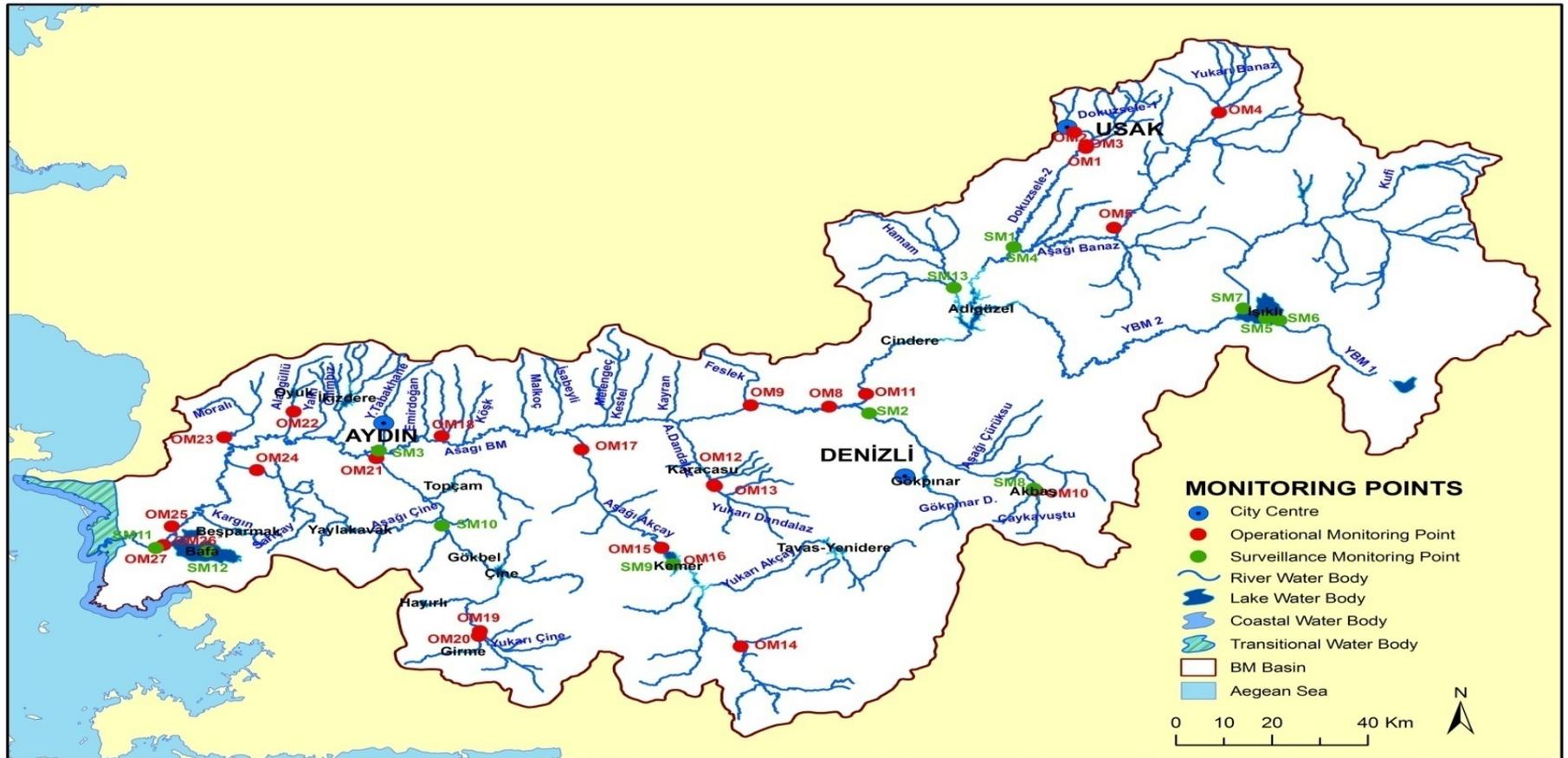
Wastewater Treatment Action Plan
River Basin Protection Action Plan
River Basin Management Plan
(RBMP)



BASIN PROTECTION ACTION PLAN



WE HAVE STARTED TO MONITOR WATER QUALITY ACCORDING TO EU STANDARDS



We are developing effective measures via monitoring focused on pollution sources basin wide. . We will identify monitoring points in 25 basins in 2011 according to EU standards

OUR COOPERATION WITH THE NEIGHBOURING COUNTRIES

With Greece, Ad-Hoc Joint Committee for Flood and Basin Management of River Maritza

With Syria, “Memorandum of Understanding for rehabilitation of Water Quality” depends sharing our WFD experience about Water Quality

Maritza Basin RBMP

Water Superior Board

Under the Chairmanship of the Minister of Forestry and Water Affairs “**Water Quality Management Superior Board**” has been established by a Prime Ministry Ordinance (Official Gazette dated 18 August 2010 no 27676)



THANK YOU...

