



National Policy Dialogues on IWRM in EECCA with UNECE as key strategic partner



# European Union Water Initiative and National Policy Dialogues on Integrated Water Resources Management

*Dr Rainer E. Enderlein*

*Regional expert, UNECE, Geneva*

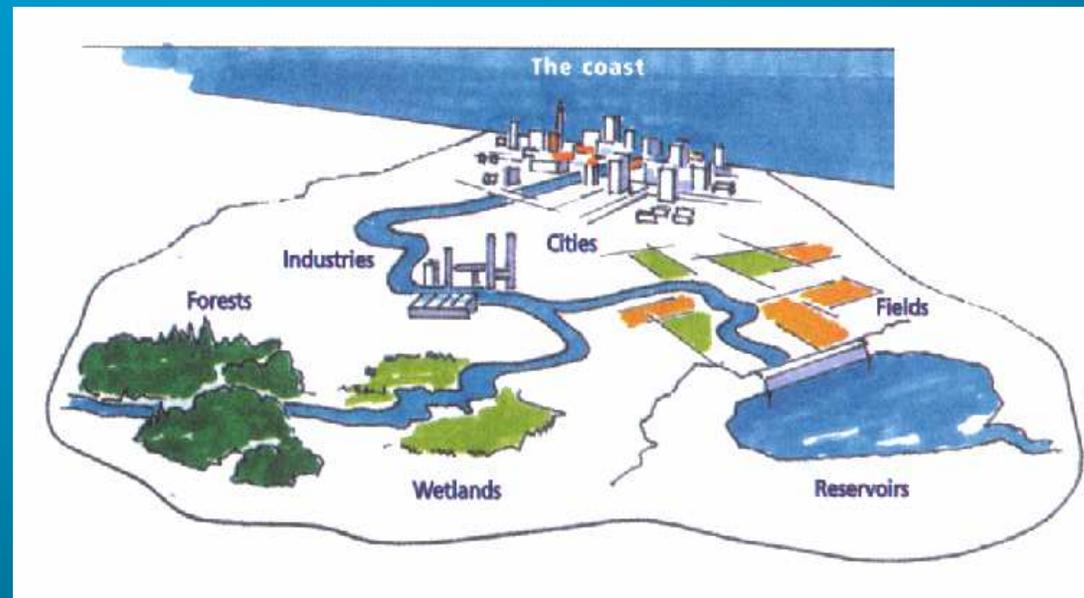


IWRM is a process, ...

... which promotes the coordinated development and management of water, land and related resources

... in order to maximize the resultant economic and social welfare in an equitable manner

... without compromising the sustainability of vital ecosystems (GWP, 2004)

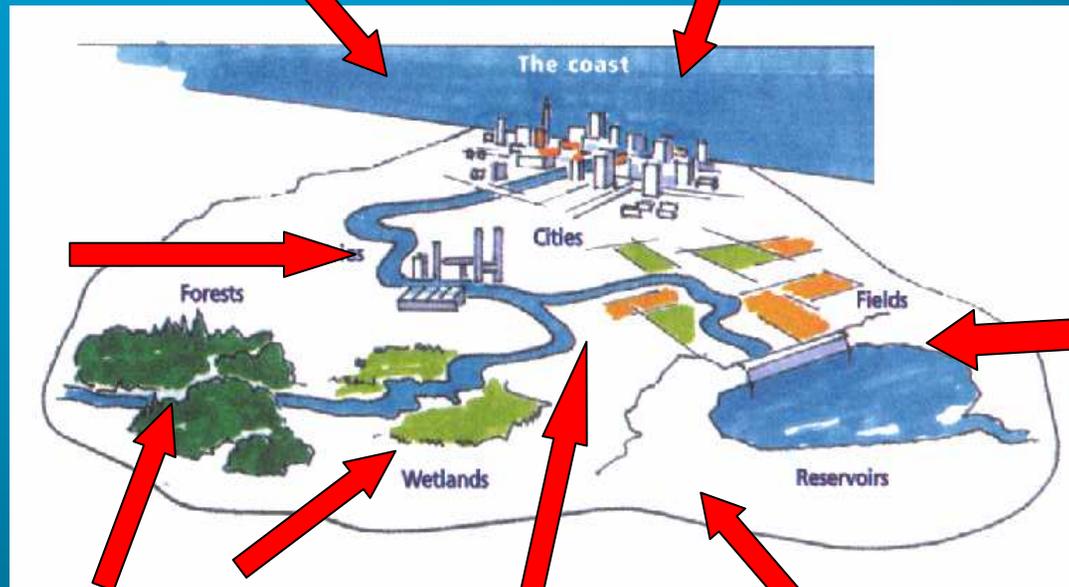




Impact on the marine environment considered ?

Municipal wastewater standards enforced ?

Water pollution control from mining and manufacturing implemented ?



Reservoir releases negotiated ?

Ecosystem services examined and taken into account ?

Groundwater use regulated ?

Good agricultural practice applied ?

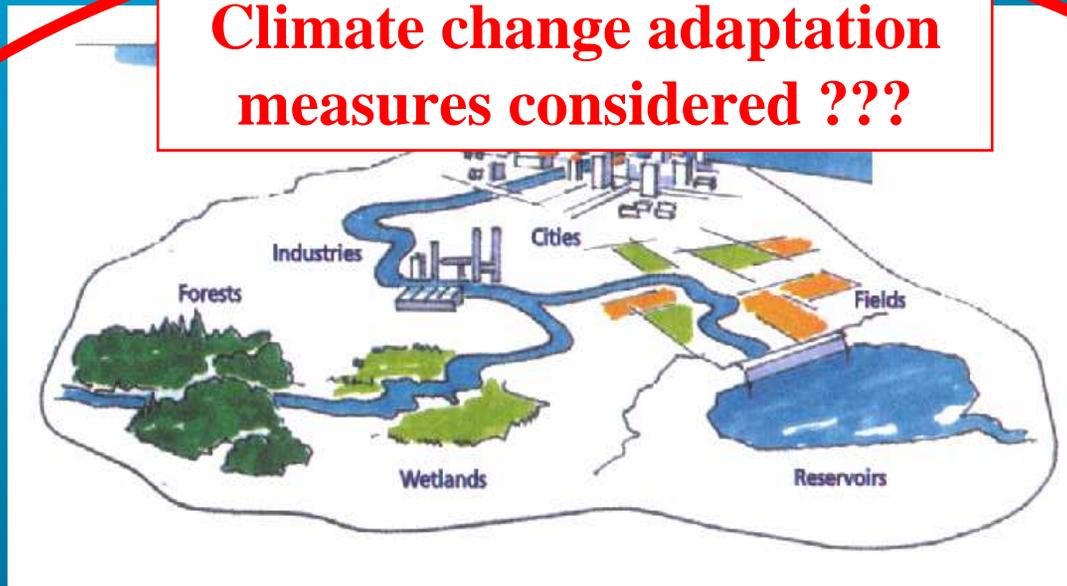


Impact on the marine environment  
(Caspian Sea) considered

Municipal wastewater  
standards enforced

**Climate change adaptation  
measures considered ???**

Water pollution  
control from  
mining and  
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## A brief reminder (1)

- National Policy Dialogues (NPD) are carried out within the EECCA component of the EU Water Initiative (EUWI)
- The EUWI was launched by all EU Member States and the European Commission at the World Summit on Sustainable Development
- NPD are the main operational instrument of the EUWI



## A brief reminder (2)

The EUWI is designed to contribute to achieving prominent Millennium Development Goals such as

- to integrate the principles of sustainable development into country policies and programmes (MDG 7 -Target 9)
- to reverse the losses of environmental resources (MDG 7 - Target 9)
- to halve by 2015 the proportion of people without sustainable access to safe drinking water and basic sanitation (MDG 7 - Target 10).



## A brief reminder (3)

The dialogue process in EECCA countries deals with country specific themes, however, the rationale is the same:

Strengthening of integrated water resources management in line with the principles of the Water Convention, the Protocol on Water and Health, the Water Framework Directive and other UNECE and European Union's instruments.



## A brief reminder (4)

- UNECE is the key strategic partner on IWRM issues and OECD on water supply and sanitation
- NPD - a policy process rather than a technical project



## A brief reminder (5)

Outputs of these National Policy Dialogues *implemented policy packages*

- Legislative acts
- Ministerial orders
- Strategy documents
- Plans of implementation
- Recommendations and good practice documents
- Analytical papers, including analysis of good practices



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### **Assistance to implement one or more of the pillars of integrated water resources management**

- Moving toward *an enabling environment* of appropriate policies, strategies and legislation for sustainable water resources development and management;



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- Setting up *the management instruments* required by the institutional framework to carry out the institutions' tasks;



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- Dealing with *crosscutting issues*, such as financing, capacity-building, awareness-raising, and stakeholder information and consultations.



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## Current NPD activities

<b>Instruments/frameworks</b>	<b>AM</b>	<b>KG</b>	<b>MD</b>	<b>UA</b>
WFD principles	X			
Water Convention principles	X		X	X
Protocol Water & Health		X	X	X
Urban Wastewater Directive			X	
Climate change adaptation (EU and UNECE instruments)				X
Flood Directive/UNECE instruments				X
Institutional frameworks (e.g. RBC)		X	X	



## The past and the future of the NPD process in EECCA

Country	Number of NPD-IWRM Steering Group meetings							Total
	2006	2007	2008	2009	2010	2011	2012	
Armenia	*	1	2	1	1	-	-	5
Republic of Moldova	*	2	2	1	-	-	-	5
Ukraine	-	*	2	2	1	-	-	5
Kyrgyzstan	-	*	1	2	1	1	-	5
Turkmenistan	-	-	-	*	2	2	1	5
Georgia	-	-	-	*	1	2	2	5
Azerbaijan	-	-	-	*	1	2	2	5
Tadjikistan	-	-	-	*	1	2	2	5

\* – start of the NPD process



## Added value

- NPD are an essential means of implementing the Water Convention (e.g. article 3)
- NPD are an essential means of implementing the Protocol on Water and Health (e.g. article 6)
- NPD help to promote the implementation of EU initiatives



## Added value

- NPD specific country objective(s) are of crucial importance for these countries to meet internationally agreed environmental commitments, i.e. the MDGs
- NPD build on a holistic, rather than piecemeal consideration of issues
- NPD produce highly policy-relevant outputs
- NPD deal with specific themes, thus “cross-fertilization” among these dialogues was initiated



## Added value

- NPD have three formal processes for follow up and evaluation:
  - EUWI EECCA WG,
  - MOP of the Convention, and
  - MOP of the Protocol on Water and Health



## Added value

- NPD involve major stakeholders in the respective countries as well as representatives of relevant international organizations, institution and programmes
- NPD in some cases involve Parliamentary bodies
- NPD involves the Country Water Partnerships (as part of GWP)



## Added value

- NPD increase visibility of UNECE as an organization that produces action-driven and highly policy-relevant results in a dialogue process with countries
- NPD profit from a long-term commitment of EU Member States, the EECCA countries and the strategic partners



National Policy Dialogues on IWRM in EECCA with UNECE as key strategic partner





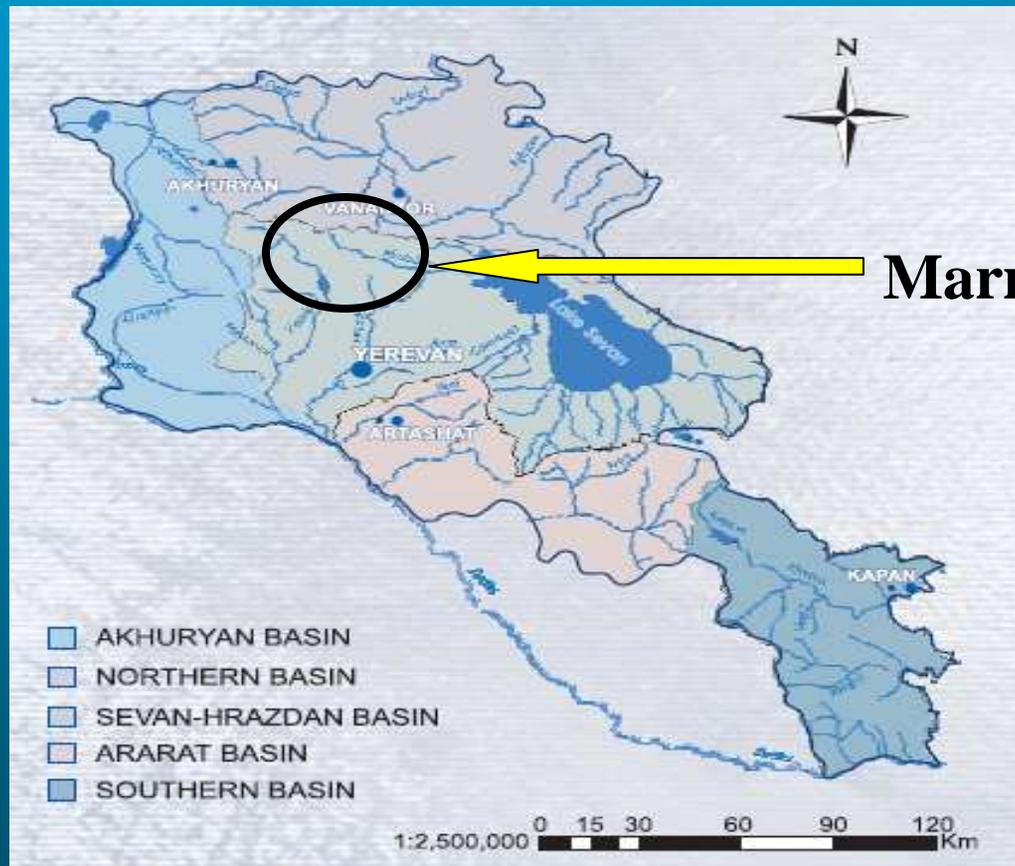
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**Marmarik sub-basin**

Source of the map: *An introduction to the Armenian water sector, USAID, October 2006.*



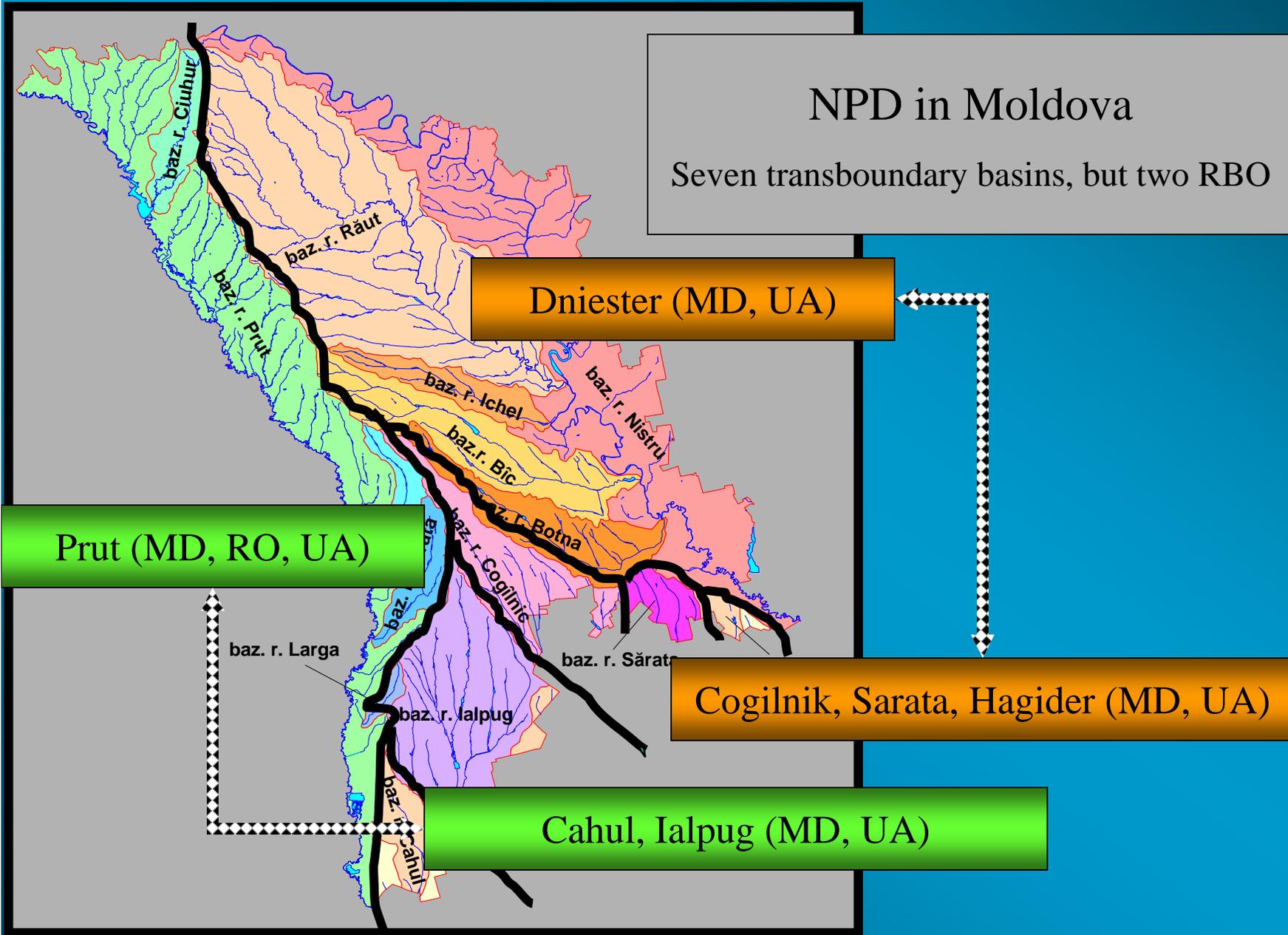
## Ограничения для сбросов с городских очистных сооружений

Параметры	Концентрации, mg/l	Минимальный % снижения содержания	Метод измерения
Биохимическое потребление кислорода (БПК5)	15	70-90	
Химическое потребление кислорода	40	75	
Общие взвешенные твердые вещества	25	90	Фильтрация образца через мембрану 0,45µm, сушка при 106 °C и взвешивание



## Ограничения для сбросов с сооружений очистки городских сточных вод в чувствительные зоны

Параметры	Концентрация, мг/л	Минимальный % снижения содержания	Метод измерения
Всего фосфаты (Общий фосфор)	2	80	Спектрофотометрия методом молекулярной абсорбции
Всего нитраты (Общий азот)	15	70-80	Спектрофотометрия методом молекулярной абсорбции





## NPD on IWRM in Ukraine (1)

A specific platform for drawing up and implementing policy packages on

- Adaptation of water management to climate change
- Safe drinking water supply and adequate sanitation under changing climates



## **Fife step approach to climate change adaptation in the water sector in Ukraine (1)**

- Drafting national and sub-national adaptation plans of water resources management
- Developing measures to optimize existing water resources management system (priority Dnieper basin)
- Search for alternative ways for electricity production due to possible reduction of hydro-energy production in the Dnieper cascade



## Fife step approach to climate change adaptation in the water sector in Ukraine (2)

- Preparation of a national programme of bank protection measures with two components:

Scientific basis for erosion control in coastal area of the Black and Azov Seas

Draft plan of adaptive measures up to 2050 including the worst scenarios of sea level rise



## Fife step approach to climate change adaptation in the water sector in Ukraine (3)

- New approaches to irrigational agriculture under the conditions of global climate change and a water supply deficit, including:
  - Optimization of technological schemes and schedules of irrigation
  - Modernization of irrigation equipment
  - Developing new strategies for attraction of investments to irrigation sector



## NPD on IWRM in Ukraine (2)

### Main drivers:

- State Committee for Water Management
- Ministry for Environmental Protection
- Ministry of Health
- CWP/Ukraine and MAMA-86
- OSCE