

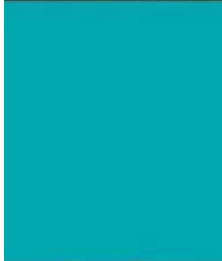
The Second Assessment of Transboundary Rivers, Lakes and Groundwaters - the Eastern and Northern Europe Sub-Region

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Coordinator of the Second Assessment



Convention on the Protection and Use of Transboundary Watercourses and International Lakes



Objectives of the assessment

- Serve as point of reference for Governments, IGOs, NGOs to improve management and status of waters
- Highlight achievements in IWRM at transboundary level & strengthen the integrated river basin approach
- Provide an up-to-date overview of pressures, status & trends in managing transboundary waters of the region, highlighting joint priorities → strengthened knowledge base for further action
- Identify situations of water crisis
- process itself allows exchange of experience and increasing understanding of the problems and solutions in the whole ECE region
- Provide guidance for strategic investments

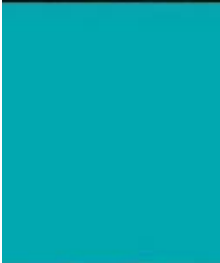


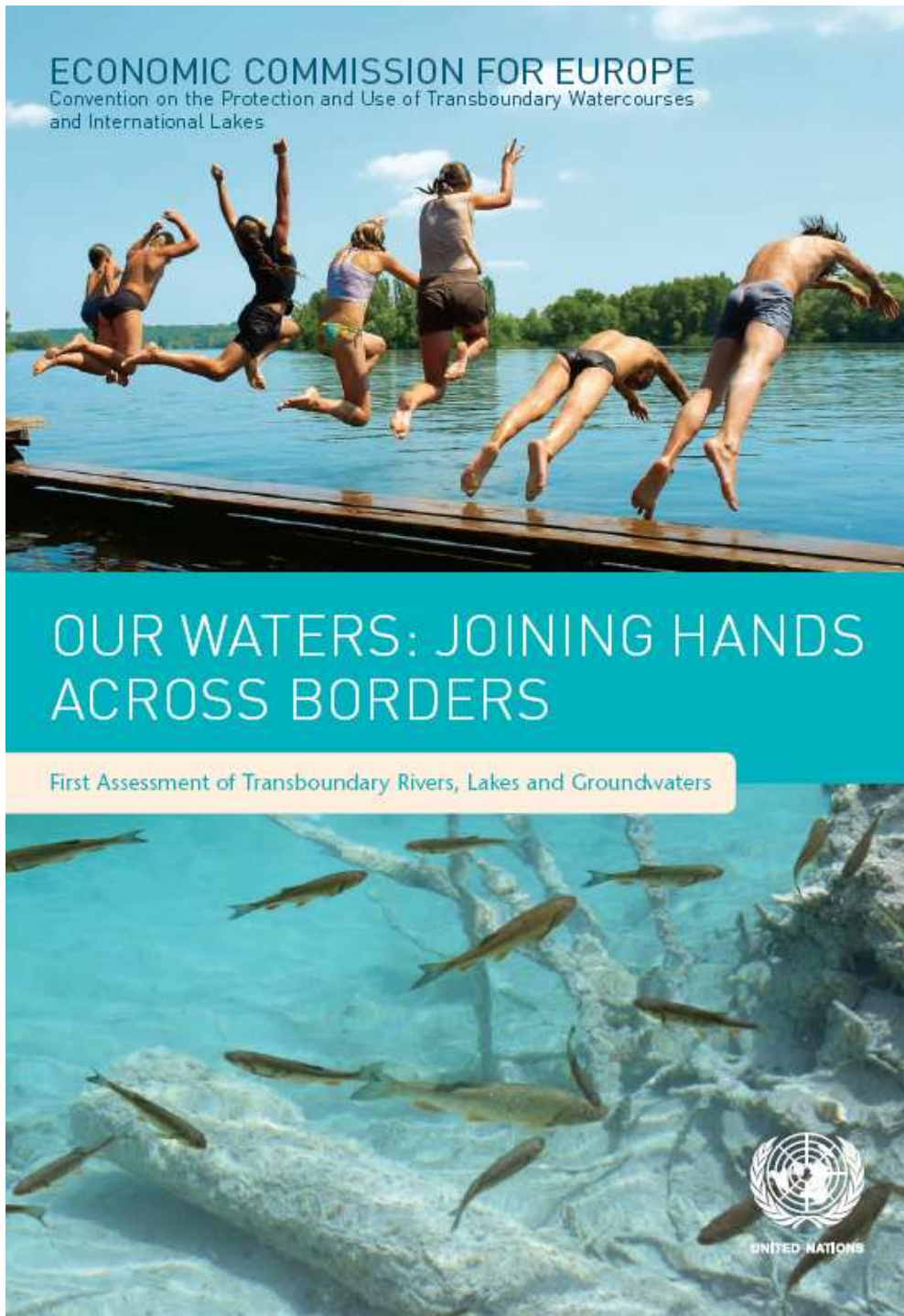
Second Assessment: mandate

Ministers in Belgrade requested second edition for next Ministerial Conference Environment for Europe (Astana, Kazakhstan, September 2011)

- Water and ecosystems one of the selected themes
- The Second Assessment is one of the key inputs to the Ministerial Conference

The 5th Meeting of the Parties of the Water Convention endorsed the first sub-regional assessment (SEE) which serves as a model





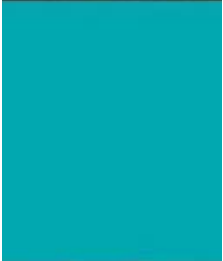
Scope

- Asian and European part of UNECE region
- Groundwater in the whole region
- Non-ECE countries sharing waters with ECE
- More sub-regional focus
- Emphasis on EECCA/Central Asia

140 rivers
30 lakes
200 aquifers

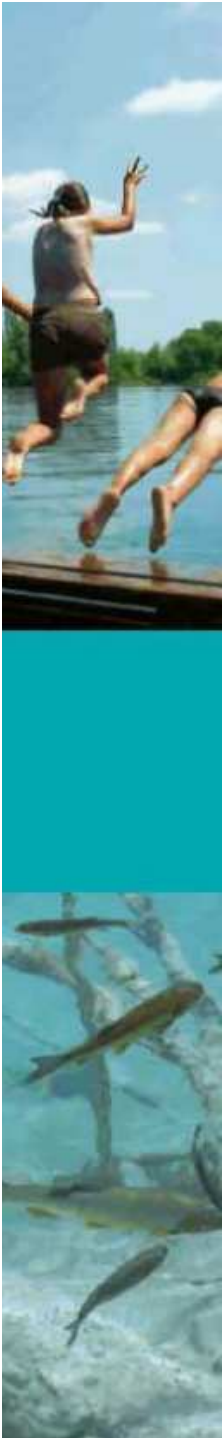
Second assessment: thematics

- Address gaps of 1st assessment, thus more focus on:
 - Water quantity issues
 - Groundwaters (not integrated in the 1st assessment)
- Transboundary cooperation (agreements, joint bodies, M&A...)
- Impacts of climate change
- Economic and social aspects, health issues, security aspects
- Ecological aspects, biodiversity, Ramsar sites



Approach to preparing the second assessment

- National experts play a crucial role for provision of information and for coordination of joint assessment
- Data collection based on datasheets prefilled by the secretariat, using the first assessment, EPRs, documents made available by the countries; sheets sent to countries for complementing and updates
- Regional workshops are an important part of the preparatory process
- River and lake commissions involved in the preparation of assessments by basin
- Assessment structured based on DPSIR approach (Driving Force-Pressure-State-Impact-Response)



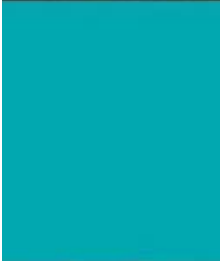
Outline

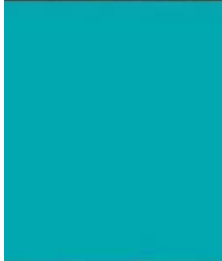
- Maps (also thematic maps)
- Overview-summary
- Objectives and scope
- Major findings
 - Legal and institutional framework
 - Monitoring
 - Pressures
 - Status and transboundary impact
 - Responses
 - Future trends/The way forward
- Facts and figures on rivers, lakes and groundwaters
- Annexes (national water management organization, transboundary water agreements)



Information collected

- Description of the basin/aquifer (hydrology & hydrogeology, map)
- Surface and groundwater resources: distribution among the riparian countries within a basin/aquifer
- Pressures and their importance (water uses, polluting activities, diversion etc)
- Quality and quantity status of transboundary watercourses
- Transboundary impacts
- Response measures taken
- Cooperation: joint bodies, agreements, joint monitoring etc
- Trends

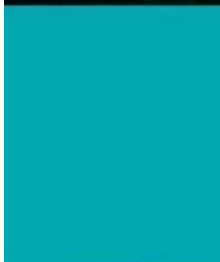




Organization of the group work

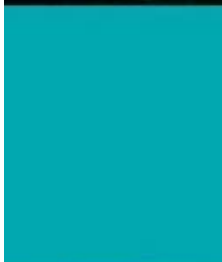
- Division in 2 subgroups on surface water by recipient (i - Baltic Sea and the Arctic, ii - Black Sea) and 1 on groundwater
- Presentations, following given outlines, on the sub-basins and major river basin (April 28); other riparian countries add information
- Groundwater group has national presentations and works on the datasheets (e.g. bilaterally, trilaterally, as appropriate) and presents an overview (April 29)
- Representatives of the riparian countries should agree on way forward for finalizing datasheets i.e consolidate the information (recommendation: the country presenting the basin compiles information from the other riparians)
- Plenary session to discuss and agree about main messages on the sub-region (April 29)





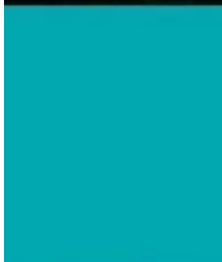
Morning - Group 1: Baltic Sea and the Arctic

11:00-11:15	Narva: Narva reservoir and	EE (<i>Margus Korsjukov</i>), LV, RU
11:15-11:30	Salaca	EE, LV (<i>Ramsar/LV, Mr. Andris Urtans</i>)
11:30-11:45	Gauja/Koiva	EE, LV (<i>Ramsar/LV, Mr. Andris Urtans</i>)
11:45-12:00	Lielupe: incl. tributaries Nemunelis & Musa	LT, LV (<i>Ramsar/LV, Mr. Andris Urtans</i>)
12:00-12:15	Neman: incl.	BY (<i>Ms. Alena Bahadziash</i>), LT, PL, RU
12:15-12:30	Daugava: Drisvyaty/ Drukshiai	BY(<i>Ms. Alena Bahadziash</i>), LT , RU
12:30-12:45	Pregel	LT, RU, PL (<i>Ms. Adriana Dembowska</i>)
12:45-13:00	Prohladnaja	RU, PL (<i>Ms. Adriana Dembowska</i>)



Morning - Group 2: Black Sea (Danube)

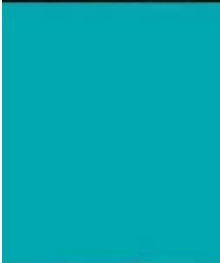
11:00-11:15	Vah	PL, <i>SK (Ms. Lea Mrafkova)</i>
11:15-11:30	Ipel/Ipoly	HU, <i>SK (Ms. Lea Mrafkova)</i>
11:30-11:45	Tisza	<i>HU (Ms. Adrienn Nemes + on Ramsar sites including Domica-Baradla cave system Mr. András Schmidt), RO, RS, SK, UA</i>
11:45-12:00	- Somes/Szamos	HU, RO (<i>Ms. Corina Boscornea</i>), UA?
12:00-12:15	- Mures/Maros	HU, RO (<i>Ms. Corina Boscornea</i>)
12:15-12:30	Siret	RO (<i>Ms. Corina Boscornea</i>), UA
12:30-12:45	Prut	MD, RO (<i>Ms. Corina Boscornea</i>), UA
12:45-13:00	Danube	HU, MD, PL, RO (<i>Ms. Carmen Toader</i>), SK, UA



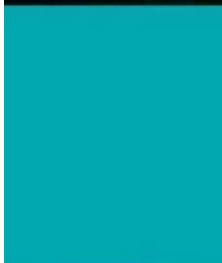
Morning & afternoon - Group 3: Groundwater

11:00-11:15	Ukraine: Ms. Galina Kovtun
11:15-11:30	Belarus: Ms. Tatiana Semezh
11:30-11:45	Moldova: Mr. Dumitru Coadă
11:45-12:00	Romania: Mr. Mihai Bretotean
12:00-12:15	Slovakia: Ms. Michaela Stojkovová
12:15-12:30	Estonia: Ms. Heddy Riismaa
12:30-12:45	Other countries with groundwater information: Finland?, Poland? etc
12:45-13:00	
After lunch	Working bilaterally or trilaterally based on the available information, including datasheets

Afternoon - Group 1: Baltic Sea and the Arctic



14:00-14:15	- Dunajec, including tributary Poprad	SK (<i>Ms. Lea Mrafkova</i>), LV, RU
14:15-14:30	- Bug (tributary of Vistula)	BY, PL (<i>Ms. Adriana Dembowska</i>), UA
14:30-14:45	Vistula	BY, PL (<i>Ms. Adriana Dembowska</i>), SK, UA
14:45-15:15	Discussion/work on the datasheets	
15:15-15:45	Coffee break	
15:45-17:00	Transboundary rivers discharging to the White Sea, Barents Sea, Kola Fjord and Lake Ladoga: Jacobselv (NO, RU), Paatsjoki (FI, NO, RU), incl. Lake Inari, Näätämö (FI, NO, RU), Teno (FI, NO), Oulanka (FI, RU), Kemijoki (FI, NO, RU), Oulujoki (FI, RU), Vuoksi (FI, RU), incl. Lake Pyhäjärvi & Lake Saimaa, Rakkolanjoki (FI, RU), Urpanlanjoki (FI, RU), Jänisjoki (FI, RU), Kiteenjoki-Tohmajoki (FI, RU), Hiitolanjoki (FI, RU), Juustilanjoki (FI, RU): incl. Lake Nuijamaanjärvi	FI (<i>Mr Ari Mäkelä</i>), RU, NO



Afternoon - Group 2: Black Sea

14:00-14:15	- Pripyat (tributary of Dnieper)	BY (Ms. Alena Bahadziash/Ms. Tatiana Semezh/Ms. Savitskaya), UA
14:15-14:30	Dnieper	BY, RU, UA (Mr. Oleksandr Vasenko)
14:30-14:45	Don/Siversky Donets tributary	RU, RU (no presentation)
14:45-15:00	Elancik	RU, UA (Ms. Natalia Bilotserkivs'ka, no presentation)
15:00-15:15	Mius	RU, UA (Ms. Natalia Bilotserkivs'ka, no presentation)
15:15-15:45	Coffee	
15:45-16:00	Dniester (incl. Yahorlyk&Kuchurhan)	UA (Ms. Ludmila Chopyuk), MD
16:00-16:15	Kahul	MD (Ms. Svetlana Stirbu), UA
16:00-16:15	Yalpuh	MD (Ms. Svetlana Stirbu), UA
16:00-16:15	Cogilnik	MD (Ms. Svetlana Stirbu), UA