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# International Cooperation in Water Management

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## Experiences from the Danube River Basin



ICPDR  
Peter Kovacs  
Budapest, 24 November 2016

# Danube River Basin



# The Danube under pressure



# Danube River Protection Convention



29 June 1994, Sofia (Bulgaria)



Protection of water &  
ecological resources



Sustainable use  
of water



Reduce nutrients &  
hazardous substances



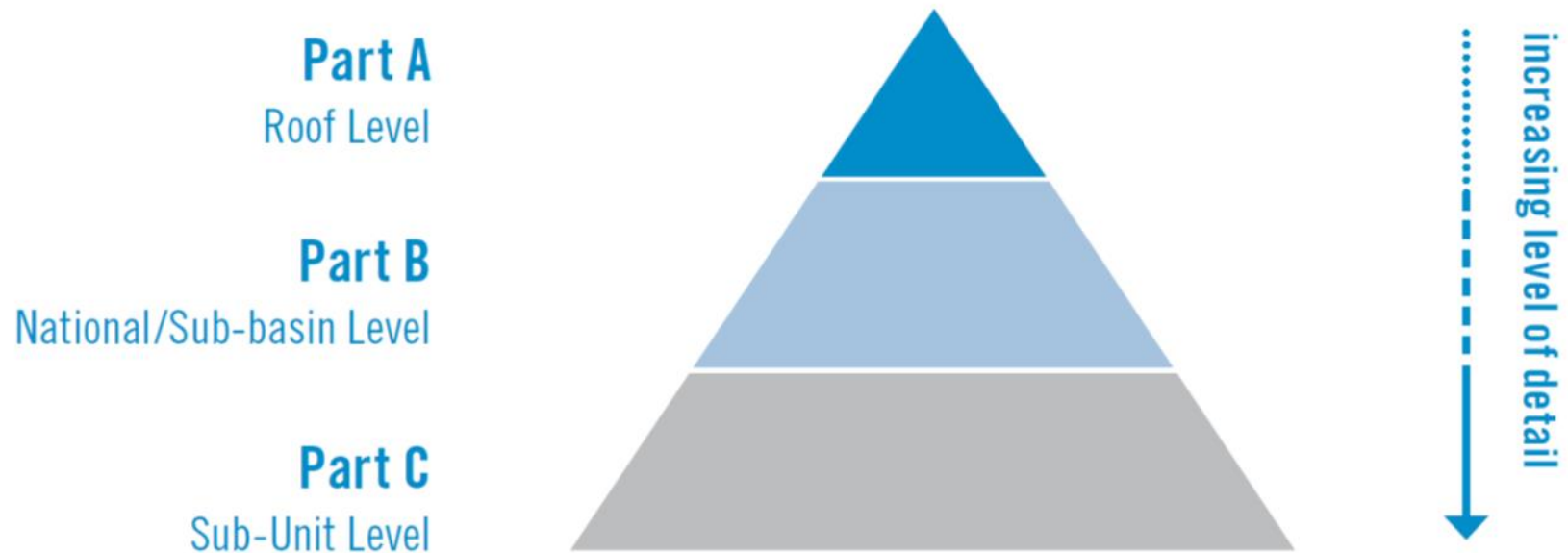
Manage floods  
& ice hazards

ICPDR coordinates basin-wide implementation of  
EU Water Framework Directive & EU Floods Directive

# The ICPDR working for the Danube



# Role of ICPDR regarding EU Directives (WFD & FD)



**Part A:** Danube River Basin = ICPDR

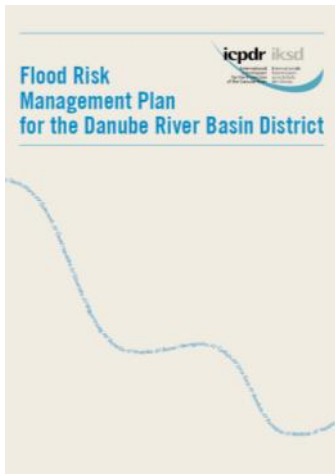
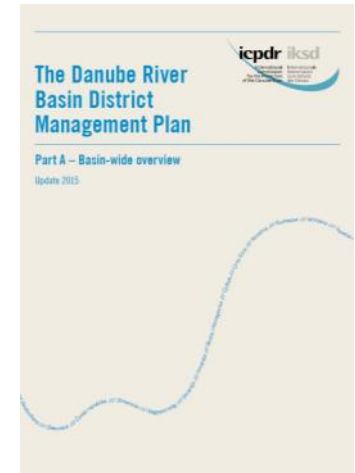
**Part B:** Countries, bi-lateral, sub-basin organisations

**Part C:** Management units within country

# Roadmap to cleaner, healthier & safer water by 2021



## Danube River Basin Management Plan Update 2015



## 1st Danube Flood Risk Management Plan



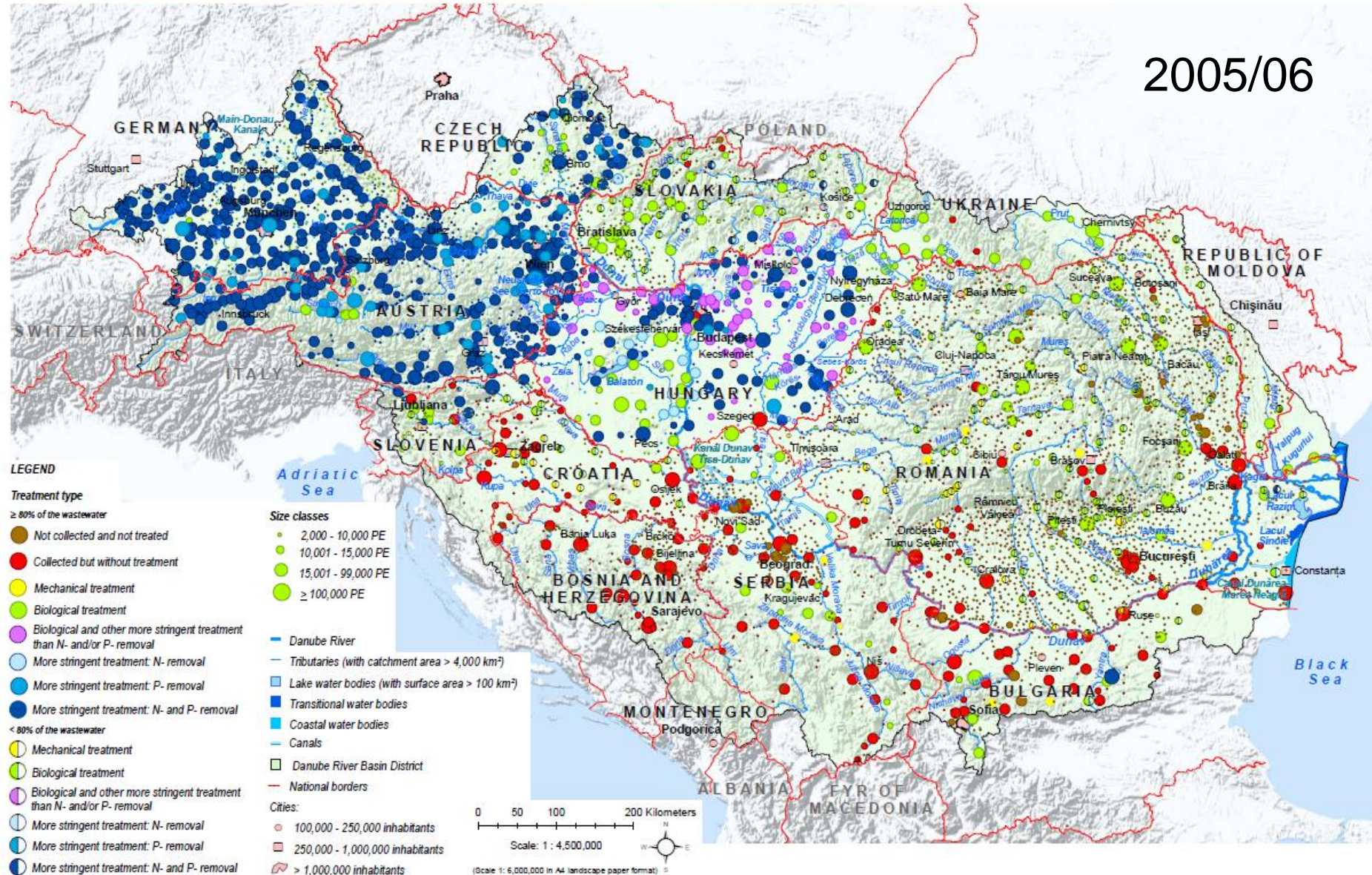
# Example 1 – „cleaner“: Cut pollution from settlements





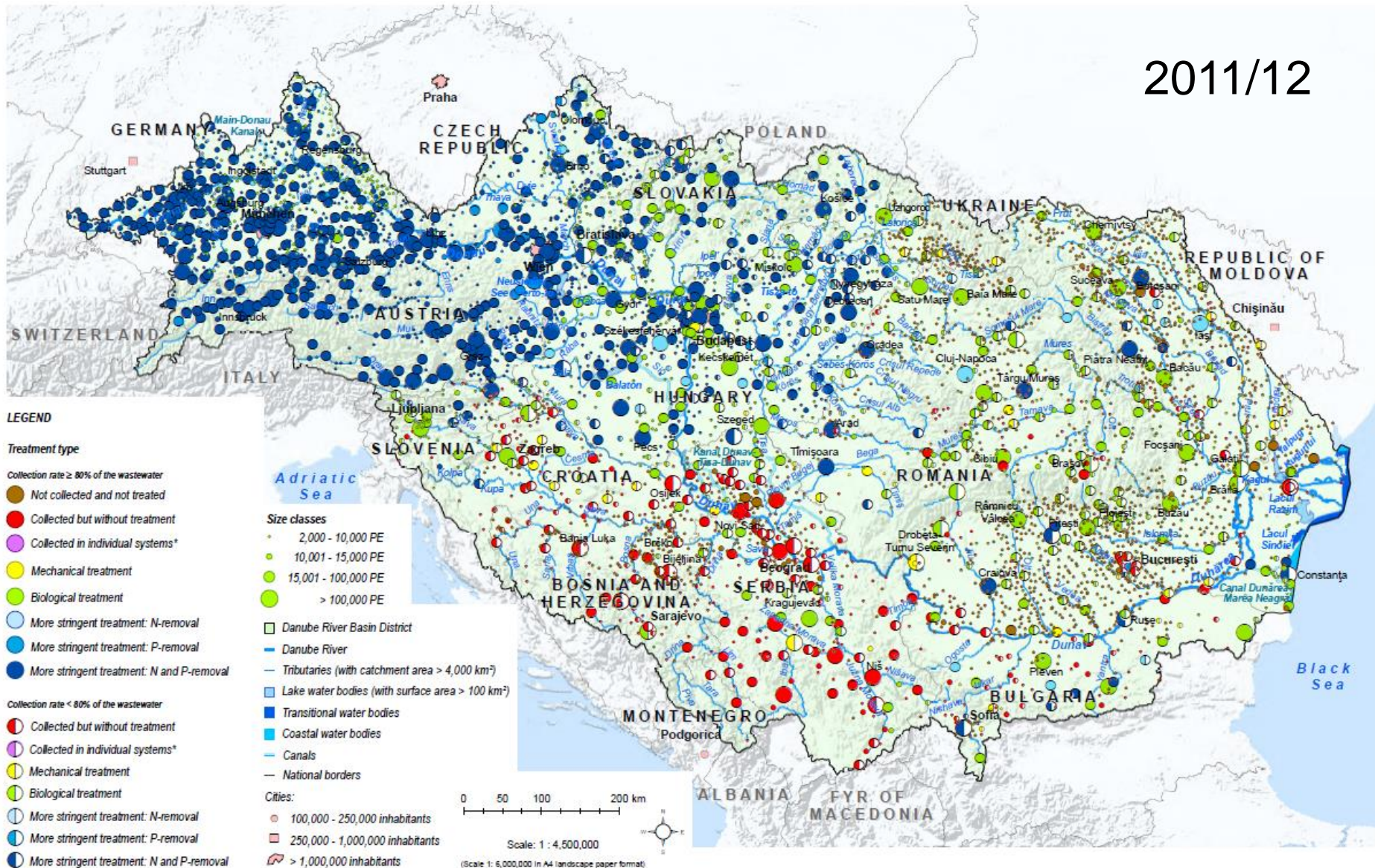
# From red to blue: Treating our waste water

2005/06



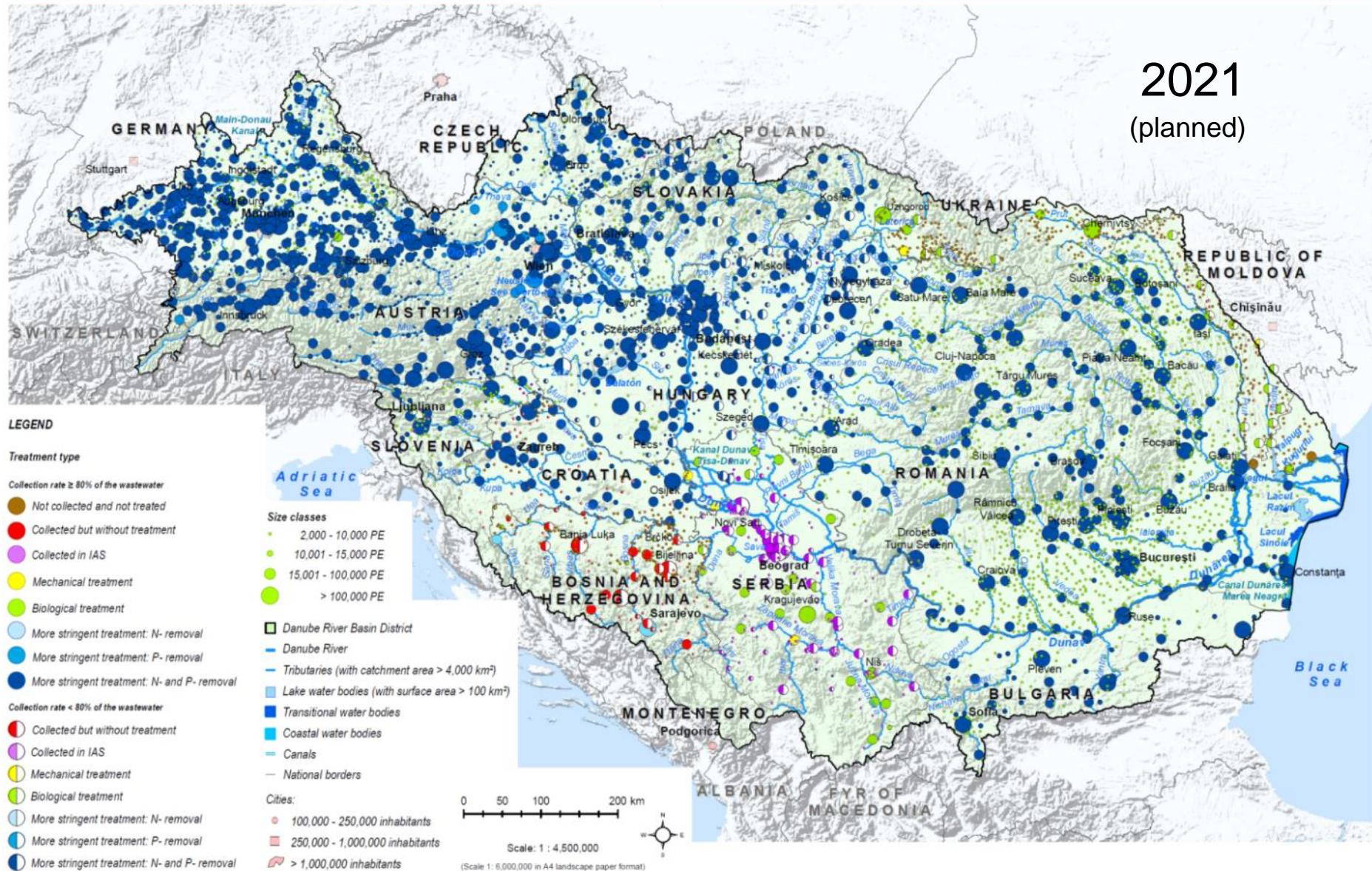
# From red to blue: Treating our waste water

2011/12



# From red to blue: Treating our waste water

2021  
(planned)



## Example 2 – „healthier“: Water and ecosystems



# Good living conditions for animals & plants



# Example 3 - „safer“: No more damages from floods

ICPDR IKSD



# Recent catastrophic floods



2002



2005

2006



C. Weinberger, Ach

2010

2013

2014



ISRBC

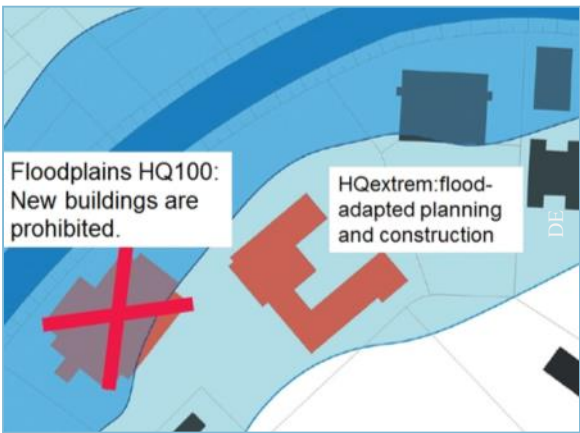


Zsófia Kugler - BMD



Zsófia Kugler - BME

# Managing flood risks





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# Water connects

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**Inland Navigation**



**Climate Adaptation**



**Agriculture**



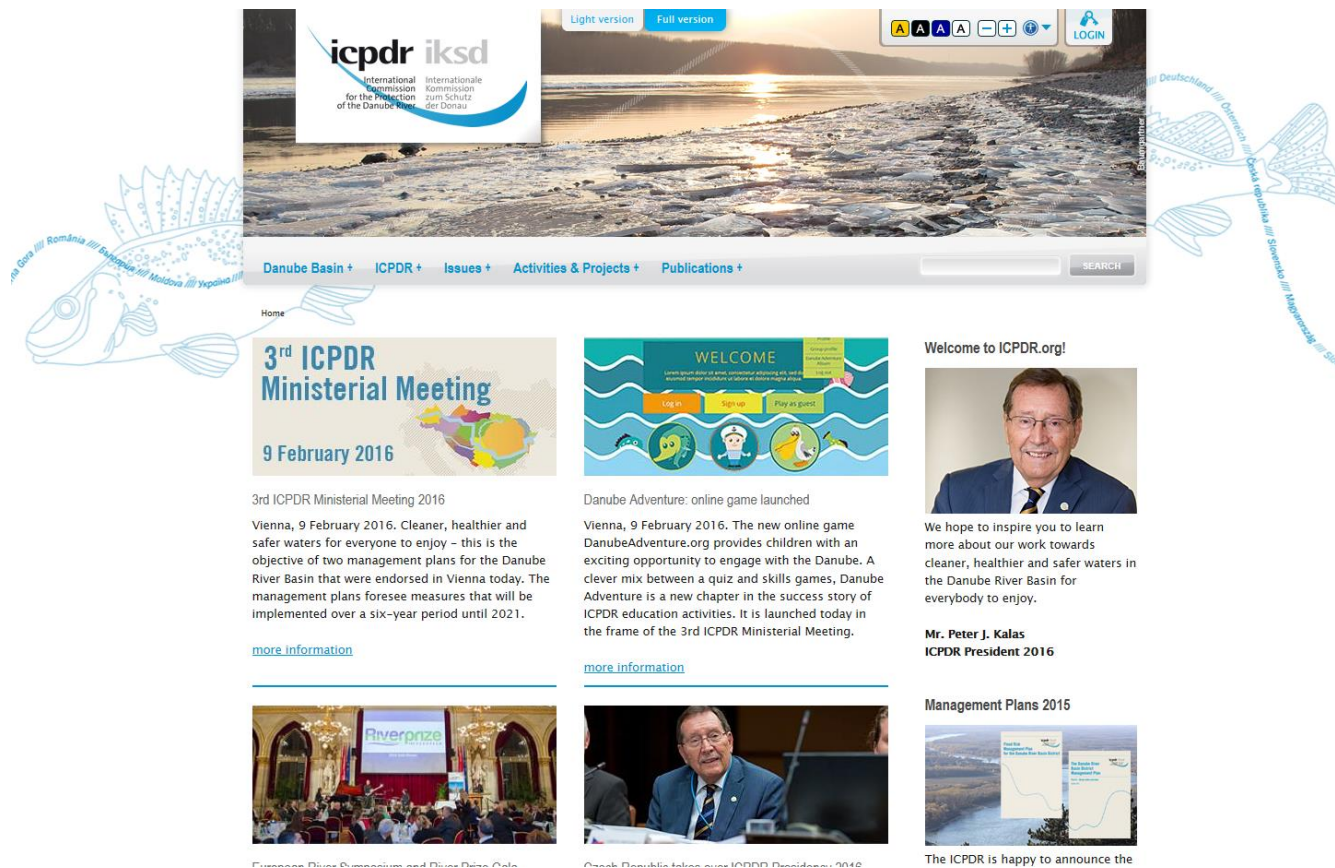
**Hydropower**

Healthy rivers for our future.  
It is in our hands.



# Further information

# ICPDR IKSD



The screenshot shows the ICPDR website homepage. At the top, there is a navigation bar with links for "Danube Basin", "ICPDR", "Issues", "Activities & Projects", and "Publications". A search bar is also present. The main content area features several news items:

- 3rd ICPDR Ministerial Meeting**  
9 February 2016  
Vienna, 9 February 2016. Cleaner, healthier and safer waters for everyone to enjoy – this is the objective of two management plans for the Danube River Basin that were endorsed in Vienna today. The management plans foresee measures that will be implemented over a six-year period until 2021.  
[more information](#)
- Danube Adventure: online game launched**  
Vienna, 9 February 2016. The new online game DanubeAdventure.org provides children with an exciting opportunity to engage with the Danube. A clever mix between a quiz and skills games, Danube Adventure is a new chapter in the success story of ICPDR education activities. It is launched today in the frame of the 3rd ICPDR Ministerial Meeting.  
[more information](#)
- Welcome to ICPDR.org!**  
Mr. Peter J. Kalas  
ICPDR President 2016  
We hope to inspire you to learn more about our work towards cleaner, healthier and safer waters in the Danube River Basin for everybody to enjoy.
- Management Plans 2015**  
The ICPDR is happy to announce the

Decorative fish graphics are overlaid on the page, with text in various languages including "An Garda Síochána", "România", "Україна", "Deutschland", "Magyarország", and "Slovensko".

[www.icpdr.org](http://www.icpdr.org)