

## Project Partners

- TU Wien, Austria
- National Administration „Romanian Waters”
- Bulgarian Water Association
- Umweltbundesamt - Environment Agency Austria
- International Commission for the Protection of the Danube River, Austria
- Budapest University of Technology and Economics, Hungary
- University of Zagreb, Faculty of Chemical Engineering and Technology, Croatia
- Water Research Institute, Slovakia
- Jozef Stefan Institute, Slovenia
- Center for Ecotoxicological Research Podgorica, Montenegro
- Institute of Chemistry, Moldova

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For further information on the project, partnership and the Danube Transnational Programme:

<http://www.interreg-danube.eu/approved-projects/danube-hazard-m3c>



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# DANUBE HAZARD m<sup>3</sup>c

## Tackling hazardous substances pollution in the Danube River Basin



Project co-funded by European Union funds (ERDF, IPA, ENI)

## Management of Hazardous Substances – a Transboundary Objective in the Danube Region

**Scope** Pollution of streams, rivers, lakes and oceans by hazardous substances poses a risk to the health of humans and wildlife. Many of the chemicals can be found everywhere in the environment, they are toxic and remain effective for a long time.

The EU Water Framework Directive addresses hazardous substances pollution as a major water quality issue to be tackled. This is also true for the Danube River Basin, the most international river basin in the world, providing a wide variety of natural environment.

Cooperation of 11 project partners and 12 associated partners from 14 countries located in the Danube River Basin will bring hazardous substances management to a higher level.

## Results and outputs

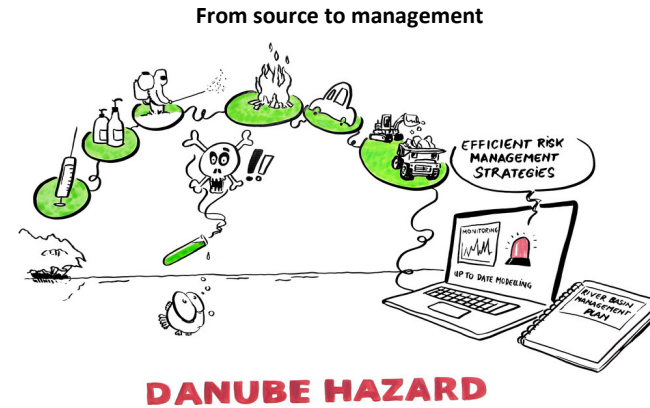
Danube Hazard m<sup>3</sup>c will significantly improve the baseline knowledge of water pollution by enhancing the capacity of measuring, modelling and managing emissions and by providing recommendations for a transboundary management of hazardous substances, which take into account specific territorial needs.

The results of the project will also provide key contributions to the next Danube River Basin Management Plans to be developed by the International Commission for the Protection of the Danube River in cooperation with the Danube countries. The project outcomes will strengthen the technical and management capacity at national level and the results will be disseminated and shared with experts and interested stakeholders.

**Project** DANUBE HAZARD m<sup>3</sup>c

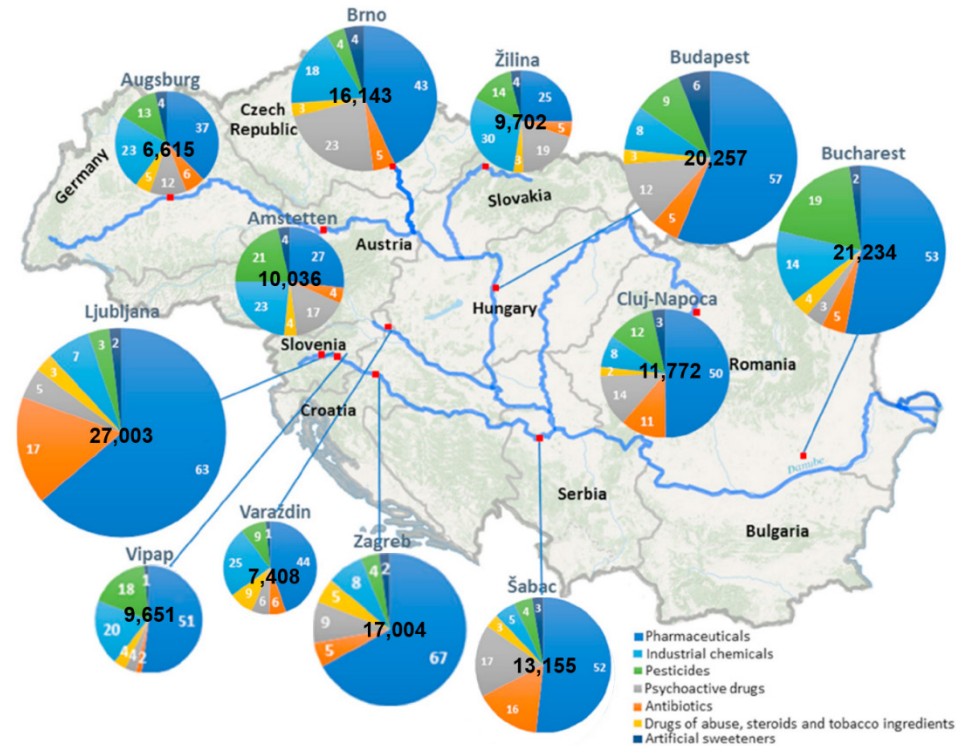
**Funding period** 01/07/2020 – 31/12/2022

**Website** [www.interreg-danube.eu/approved-projects/danube-hazard-m3c](http://www.interreg-danube.eu/approved-projects/danube-hazard-m3c)



Information on substance-specific sources, pathways and their relevance for pollution are preconditions for their sound management.

**Total effluent concentration of 280 detected organic chemicals (in ng/l) and proportion of major chemical groups at selected urban wastewater treatment plants in the Danube River Basin**



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Wastewater discharges represent one significant pathway of hazardous substances pollution. All important pollution sources and pathways will be addressed in the Danube Hazard m<sup>3</sup>c by monitoring and water quality modelling.