



Clustering Event Fresh Water Related project 19th March



Aquatic Plastic

David Attila Molnar,
Plastic Cup Society

Interreg Danube Region  Co-funded by the European Union



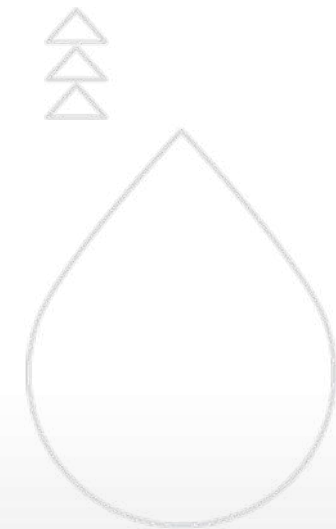
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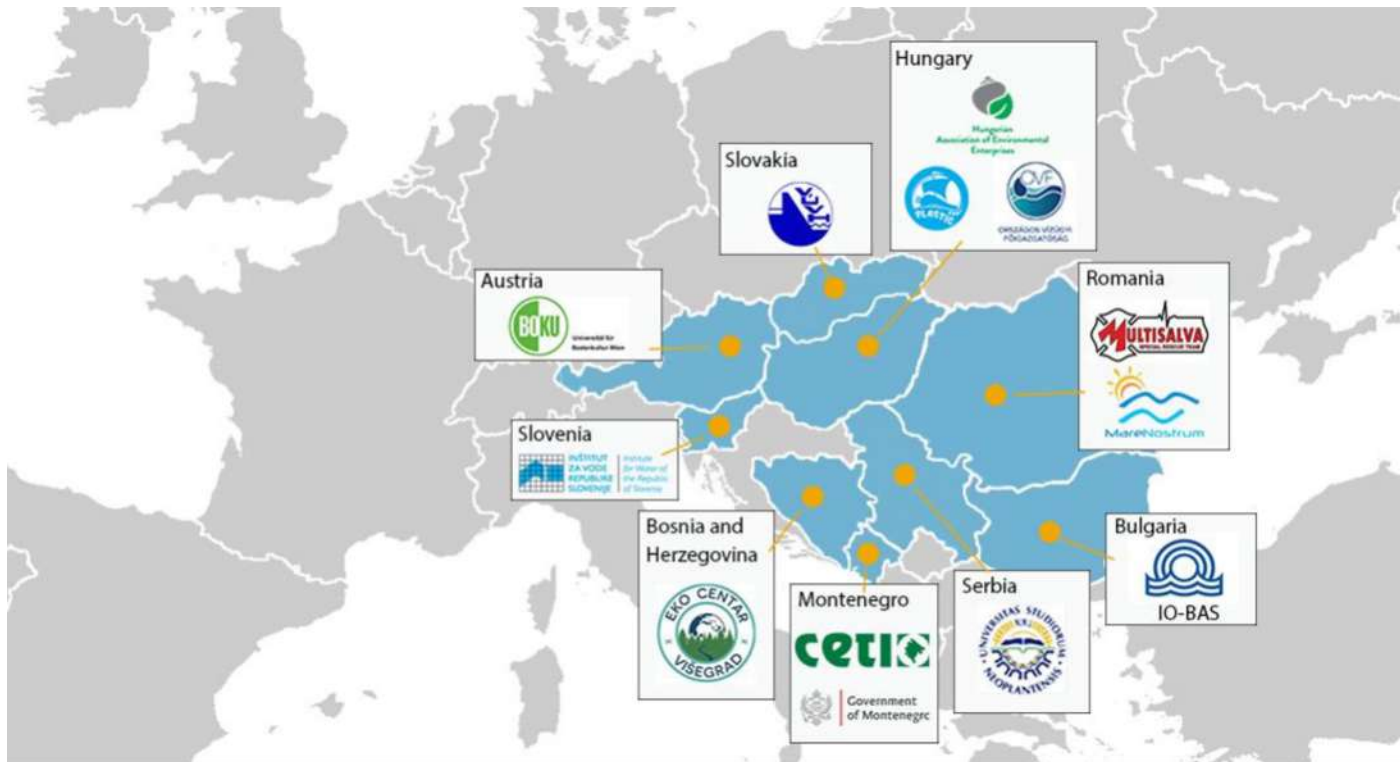


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AQUATIC PLASTIC

- Helps to fill the data gaps in connection with transnational riverine litter pollution waves,
- Initiates bottom-up management solutions to reduce plastic waste in the Danube Basin.





13 Partners from 9 countries

- 5 NGOs
- 3 national water research institutes
- 3 universities
- 1 ministry
- 1 national water directorate

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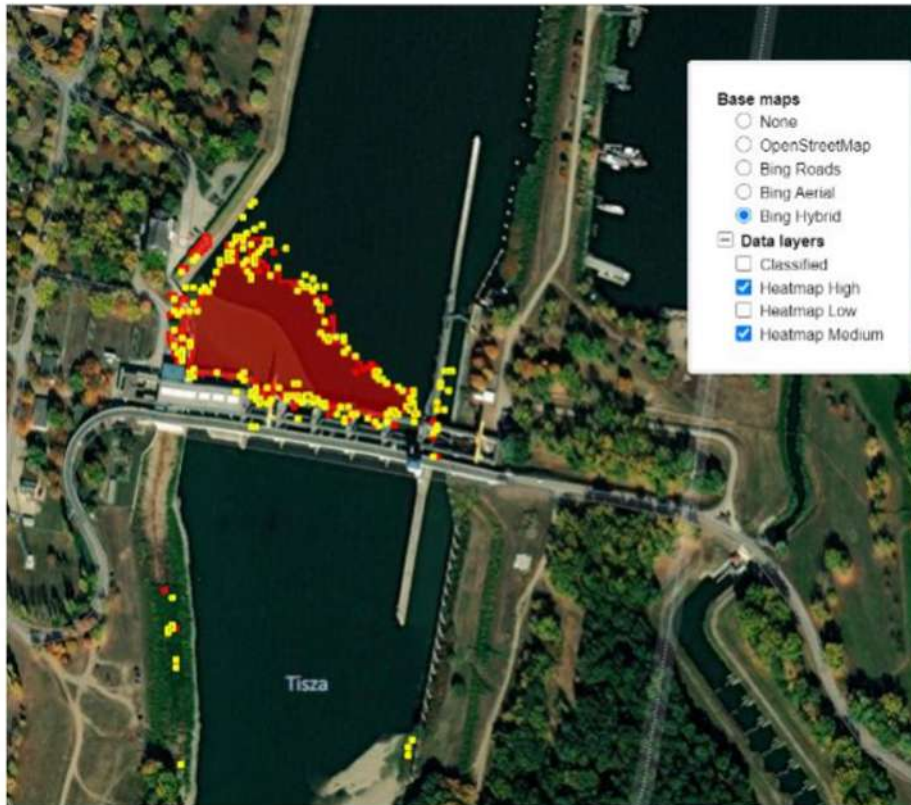
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Systematic comparison of existing microplastic monitoring methods in fluvial systems. The manta/drift net, the sedimentation box and the water pump were among the investigated procedures.

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Earth observation satellites equipped with medium- and high-resolution multispectral sensors have undergone major technological developments. Remote sensing of the formation of floating waste accumulations was tested using Sentinel-2 and PLANETSCOPE satellite imagery and machine learning. The picture shows one of the main teaching areas of the research, the Kisköre Hydroelectric Power Plant.



FRESH WATER NET

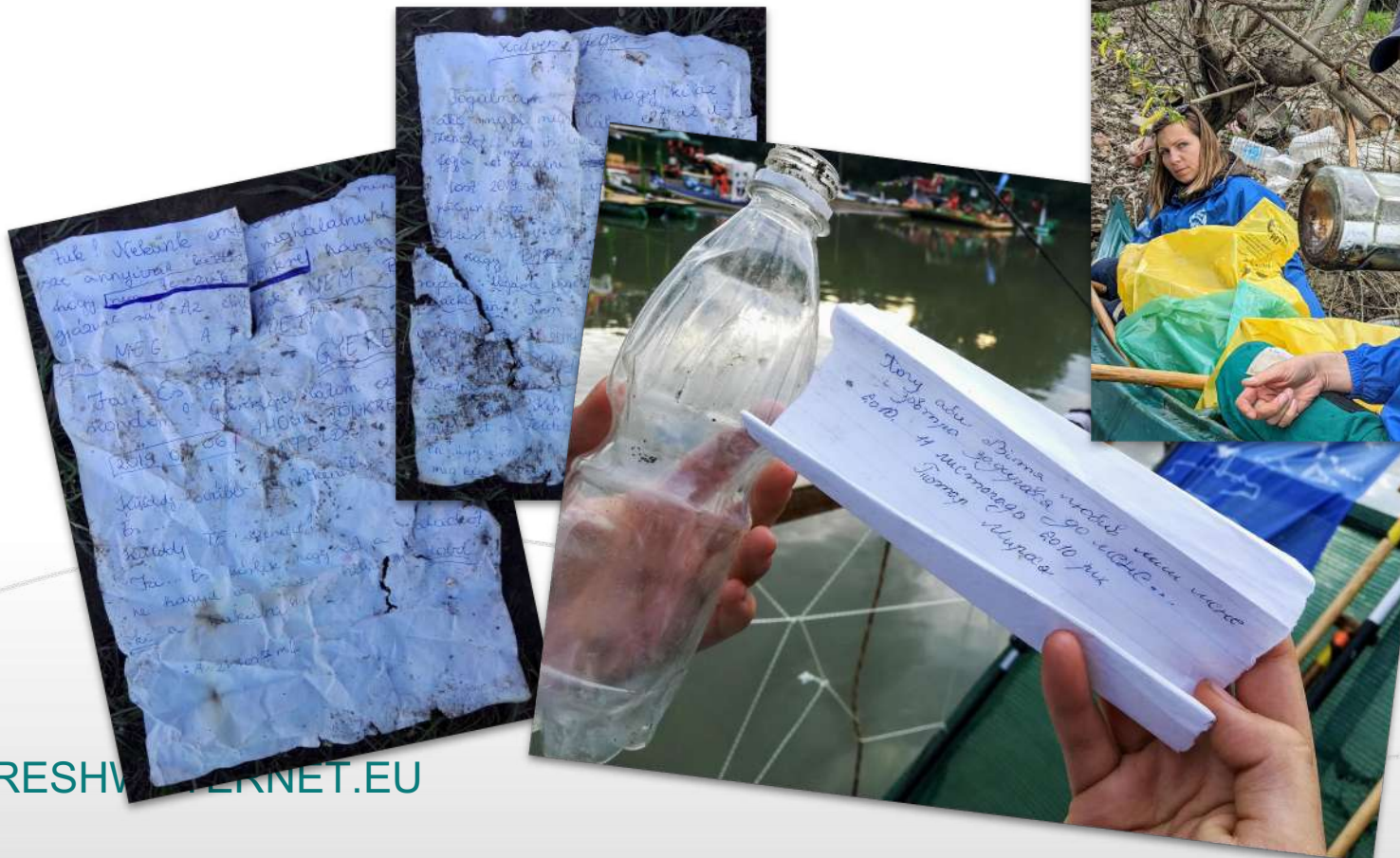
Messages in bottles on the Tisza river.



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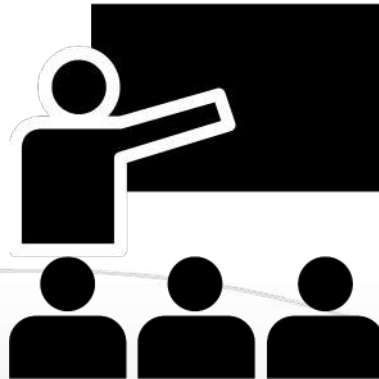
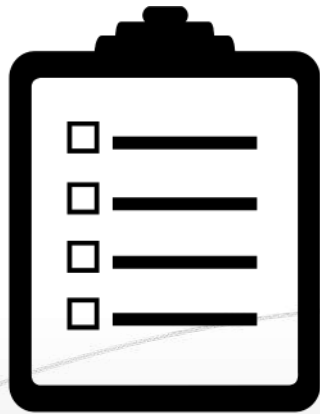
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Tag a Plastic Bottle! Major steps, stages of campaign



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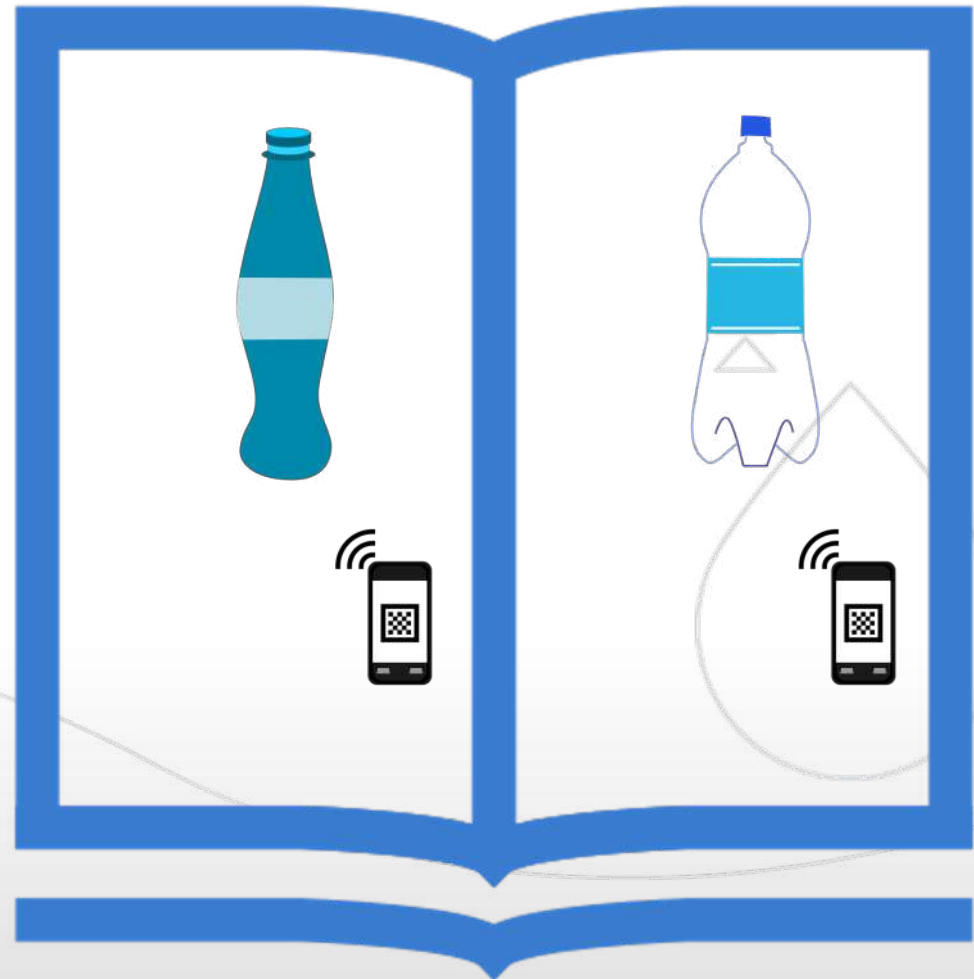
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AQUATIC PLASTIC



Identify the Bottle Cap!

creating the plastic bottle
and bottle cap guide



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We look for cooperative partners:

- in the water engineering sector (HPPs, dams),
- on the field of remote sensing,
- and in implementing citizen science projects.





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Thank you for your attention

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