

# AQUATIC PLASTIC and TIDY UP in the function of advancing knowledge on microplastics

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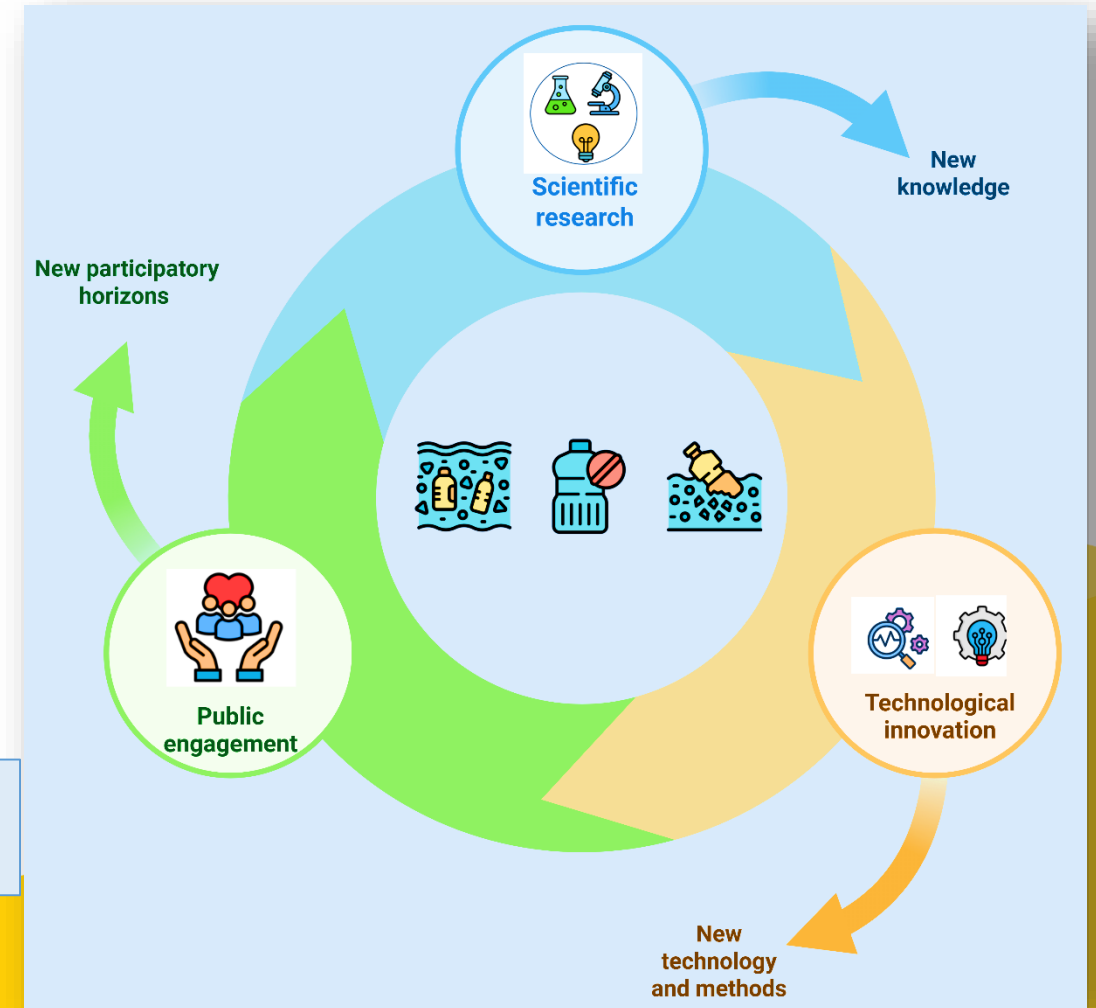
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# *Tid(y)Up and AQUATIC PLASTIC PROJECT*





- ✓ Tid(y)Up - Foundation for AQUAPLA project
- ✓ Baseline assessment and awareness raising to the piloting of scalable and efficient solutions.
- ✓ Tackle the issue of riverine plastic pollution.

## COMPLEMENTARY APPROACHES





# *Overview of main Tid(y)Up outcomes*

-  **Identification of riverine litter hotspots,**
-  **Development and harmonizing monitoring methodologies,**
-  **Local communities engagement in cleanup activities,**
-  **Fostered awareness of the sources and pathways of plastics and encouraged behavioral change through active citizen participation.**



Observation



Assessment  
framework



Biodiversity



Climate



Water

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Article

# Assessment of Different Sampling, Sample Preparation and Analysis Methods Addressing Microplastic Concentration and Transport in Medium and Large Rivers Based on Research in the Danube River Basin

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Figure. A

Figure. C

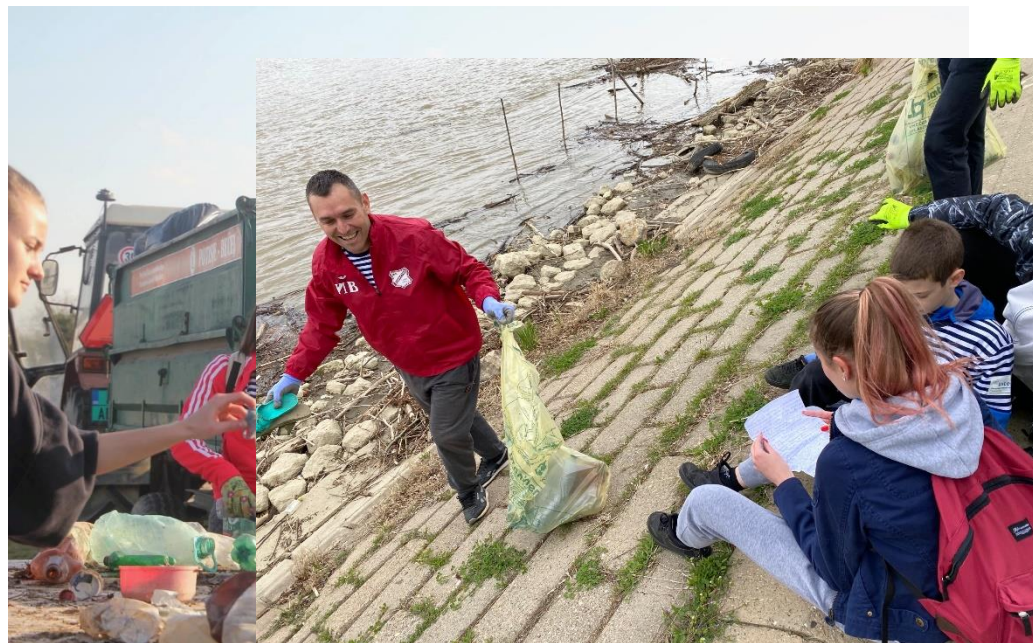


Figure. Microplastic sampling using net device and suction pump on Argus ship – Tisza River (Titel, RS)



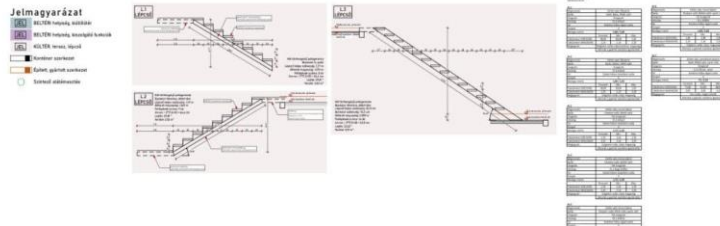
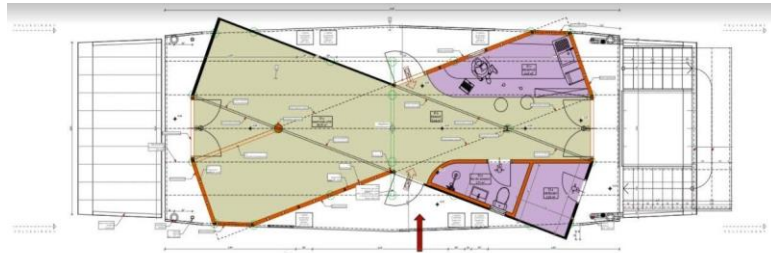
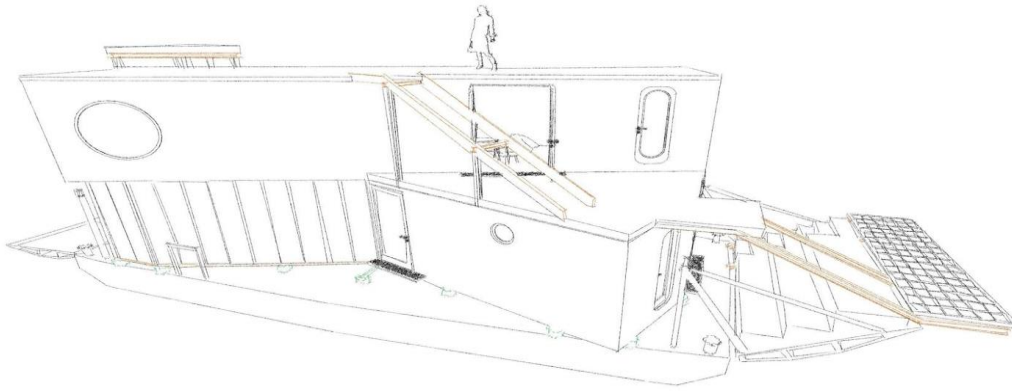


# *International river cleanup in Serbia*





**FLEX (Floating exhibition) is a zero waste, mobile exhibition area build 100% of recycled materials such as a refurbished old ferry (below) and tons of recycled riverine litter.**



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# *FLEX (Floating exhibition)*



The zero waste Floating Exhibition built in the framework of the Interreg Tid(y)Up project, is capable to move along the riverside.



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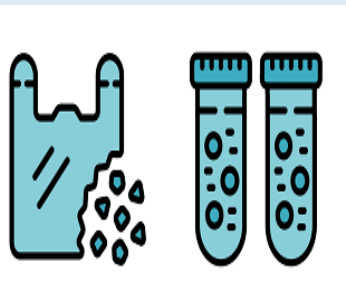


# *AQUATIC PLASTIC (AQPLA) PROJECT*

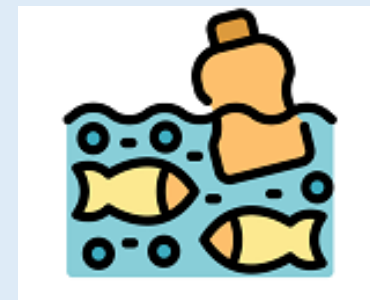
 **Initiating bottom-up management solutions to reduce plastic waste in the Danube Basin**

 **Aquatic PLAstic is an innovative and sustainable solution in the fight against plastic in rivers.**

 **Inspired by the multicultural richness of the Danube River, AQPLA brings new technologies, collaborative efforts, and determination for change.**



**The focus is on reducing plastic pollution  
in the  
Danube River Basin.**







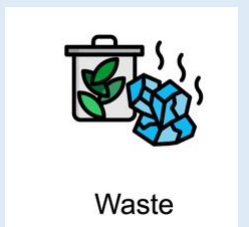
# *What does AQPLA bring?*



**Innovative tools for detecting and tracking plastic particles**



**A citizen approach to scientific research**



**Eco-friendly waste traps - artificial waste management**



**Recycling in cleaning operations**



# Partnership

13 Partners from 9 countries

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





*CITIZEN SCIENCE*

## Application of citizen science methods to define the source of riverine litter

**Note: Citizen scientists place messages inside found bottles. When these messages are rediscovered, they help in understanding how plastic moves through river systems.**



## Messages in bottles found in the Tisza river.

<https://interreg-danube.eu/projects/aquatic-plastic/news/citizen-science-campaign>



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# *CLEANUP ACTION*

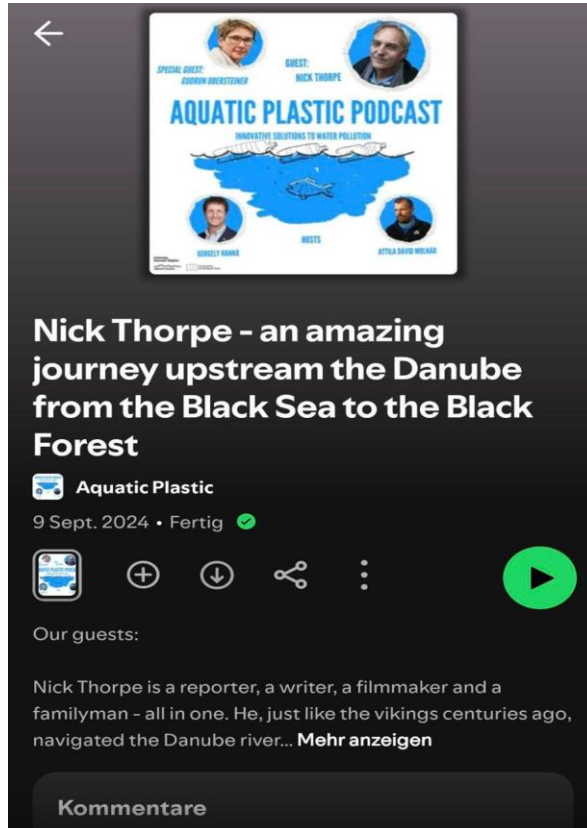
**Professional river cleanup action on the Upper Tisza river. Heavy machinery removes the riverine litter along with the driftwood.**








# PODCAST










←

**AQUATIC PLASTIC PODCAST**  
INNOVATIVE SOLUTIONS TO WATER POLLUTION

**Nick Thorpe - an amazing journey upstream the Danube from the Black Sea to the Black Forest**

 Aquatic Plastic

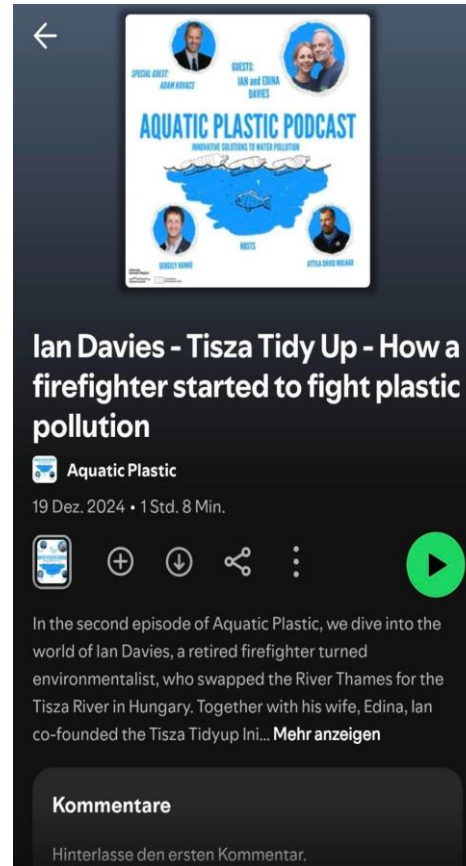
9 Sept. 2024 • Fertig 

Our guests:

Nick Thorpe is a reporter, a writer, a filmmaker and a familyman - all in one. He, just like the vikings centuries ago, navigated the Danube river... **Mehr anzeigen**


Kommentare









←

**AQUATIC PLASTIC PODCAST**  
INNOVATIVE SOLUTIONS TO WATER POLLUTION

**Ian Davies - Tisza Tidy Up - How a firefighter started to fight plastic pollution**

 Aquatic Plastic

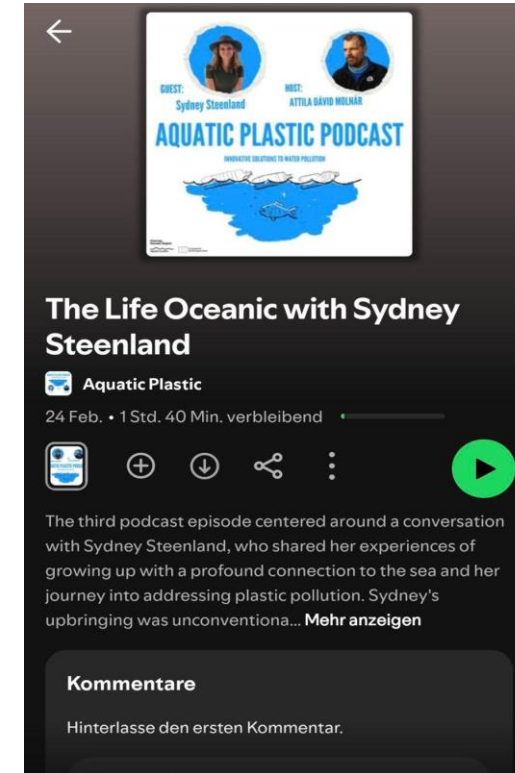
19 Dez. 2024 • 1 Std. 8 Min.

In the second episode of Aquatic Plastic, we dive into the world of Ian Davies, a retired firefighter turned environmentalist, who swapped the River Thames for the Tisza River in Hungary. Together with his wife, Edina, Ian co-founded the Tisza Tidyup Ini... **Mehr anzeigen**

Kommentare


Hinterlasse den ersten Kommentar.










←

**AQUATIC PLASTIC PODCAST**  
INNOVATIVE SOLUTIONS TO WATER POLLUTION

**The Life Oceanic with Sydney Steenland**

 Aquatic Plastic

24 Feb. • 1 Std. 40 Min. verbleibend 

The third podcast episode centered around a conversation with Sydney Steenland, who shared her experiences of growing up with a profound connection to the sea and her journey into addressing plastic pollution. Sydney's upbringing was unconventional... **Mehr anzeigen**

Kommentare

Hinterlasse den ersten Kommentar.



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**JOINT EFFORTS OF SCIENCE, POLICY, BUSINESS, AND SOCIETY ARE ESSENTIAL**



## PROJECT INFORMATION



<https://dtp.interreg-danube.eu/approved-projects/tid-y-up>

<https://interreg-danube.eu/projects/aquatic-plastic>

<https://www.linkedin.com/showcase/aqpla/posts/?feedView=all>



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