FRESH WATER NET

BIO east

Clustering Event Fresh Water Related project

19th March

Monitoring of surface and groundwater in Medimurje (HR) and Zala (HU) county

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FRESHWATER BASED BIOECONOMY

SOÓS Research and Development Center Nagykanizsa

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PROJECT INTRODUCTION IN A NUTSHELL

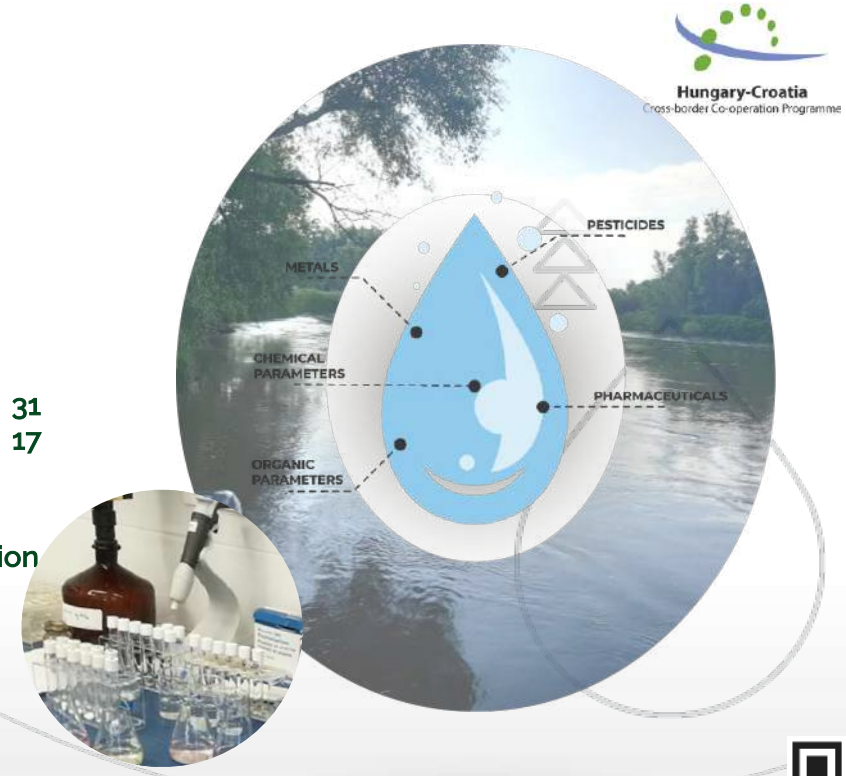
Project Objective:

- Development of a sampling plan methodology
- Monitoring of water pollutants
- Development of an online platform

Key Exploitable Outcomes:

- Micropollutant database – ~ 19.000 data/250 samples: 31 pharmacuticals,, 36 pesticides, 34 organic components, 7 metals, 17 chemical parameters, microbiology
- Environmental state review
- Role of WWTPs in water flow supply vs. micropollutant contamination
- Efficiency of bank filtration in micropollutant elimination

1. Water Energy Food System nexus
2. Circular Economy and Bioeconomy and Water nexus
3. Digitalization and Water



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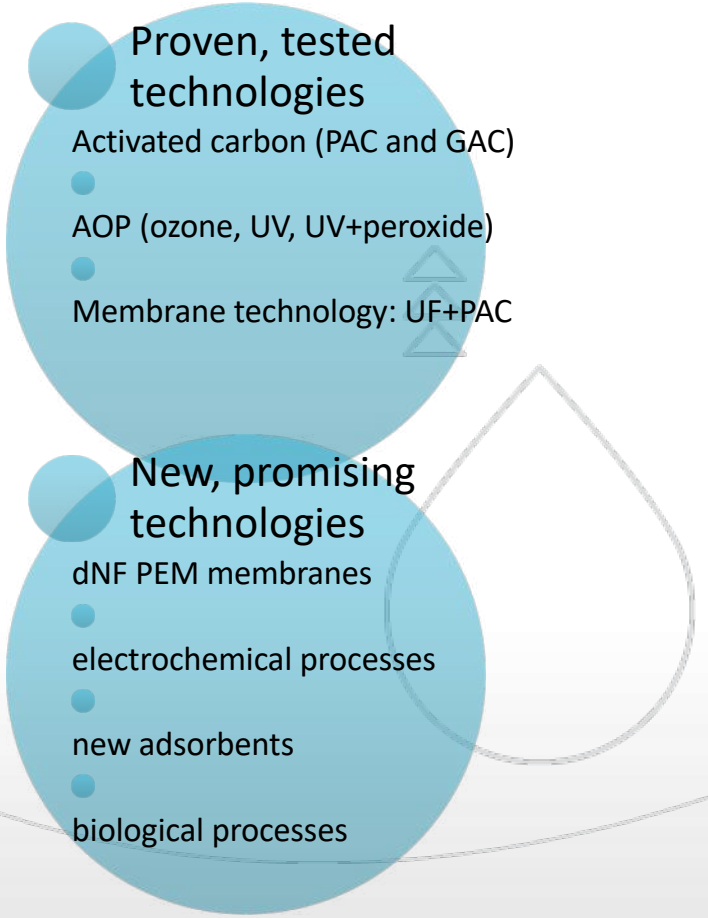
GOOD PRACTICE 2 SHARE

- Review of *91 /271 /EEC concerning urban wastewater treatment*
- Microcontaminant elimination, reuse water, water quality and resilience
- **Pilot- and full-scale experiments are needed**



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WE ARE LOOKING FOR

- *Organic micropollutant measurement, monitoring*
- *Microcontaminant specific elimination technology*
- *Technologies for industrial water reuse, irigation*

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Thank you for your attention

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