## State-of-the-art in biomonitoring

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Acronym: BIOLAWEB

Boosting Institute of Chemistry, Technology and Metallurgy in

Water Biomonitoring

Grant No: 101079234

Type of action: HORIZON Coordination and

Support Actions (HORIZON - CSA)

*Starting Date:* 01/10/2022

*Budget:* € 899 410

Duration: 36 months



# Boosting Institute of Chemistry, Technology and Metallurgy in Water Biomonitoring **BIOLAWEB**

Thonon, France, May 2023

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### Background motivation (topic)

General problems



In local contex



With general solution! [PT link]





### Background motivation (partners)



Prof. dr Frederic
Rimet

H-index: 36

Citation: 3345



Prof. dr **Susanne Claudia Schneider** 

H-index: 21









### BIOLAWEB – a path to success

- ✓ Be aware of the fact that proposal writing can last 65+ days.
- Start with 2PP that you send to the partners
- ✓ Let the partners help you in writing
- ✓ Follow the proposal template (address each point)
- Select members of your team carefully (colleagues you worked with before)





### **BIOLAWEB** objectives

**Overall objective**: The BIOLAWEB project will strengthen the research and innovation capacity and enhance networking skills in biodiversity assessment and biomonitoring at the Institute of Chemistry, Technology and Metallurgy, University of Belgrade UB-ICTM by twinning with internationally leading counterparts in the EU, the French National Research Institute for Agriculture, Food and Environment – INRAE (France) and the Norwegian Institute for Water Research – NIVA, (Norway).





### **BIOLAWEB** objectives

Fact Sheet

#### **Project description**









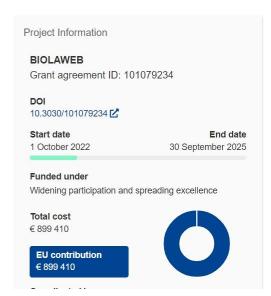


#### Serbia builds capacity in cutting-edge biodiversity monitoring

The growing negative impact of humans on the environment and natural ecosystems has increased the urgency of improved monitoring to support biodiversity conservation. Environmental DNA, or eDNA, metabarcoding is a pioneering survey method for the large-scale taxonomic identification of complex terrestrial and aquatic samples to assess biodiversity. It can identify multiple species based on high-throughput sequencing. The EU-funded BIOLAWEB project will strengthen the research and innovation capacity in biodiversity assessment and biomonitoring at the Institute of Chemistry, Technology and Metallurgy, University of Belgrade via application of such cutting-edge methods. The advances accomplished by the twinning project will attract talented researchers and be applied to water bodies monitoring in and around Serbia.

Hide the project objective











SO1. To develop a tailor-made scientific strategy for UB-ICTM

SO2. To scale up UB-ICTM's staff competence and knowledge on how indices for the EU WFD are developed





SO3. To raise the competence and skills of UB-ICTM researchers in DNA-based biomonitoring methods





SO4. To develop new approaches in the field of biomonitoring through joint research





SO5. To set up a fully operational Research Management Office at UB-ICTM





SO6. To enhance strategic networking activities with leading research institutions



### Acknowledgement



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### Thank you for your attention!