

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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the European Union**

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Background motivation (topic)

General problems



In local context



With general solution! [\[PT link\]](#)



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Background motivation (partners)



*Prof. dr Frederic
Rimet*

H-index: 36

Citation: 3345

INRAE



*Prof. dr Susanne
Claudia Schneider*

H-index: 21

NIVA

Norwegian Institute for Water Research



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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).



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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



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Project Information

BIOLAWEB

Grant agreement ID: 101079234

DOI

10.3030/101079234 [↗](#)

Start date

1 October 2022

End date

30 September 2025

Funded under

Widening participation and spreading excellence

Total cost

€ 899 410

EU contribution

€ 899 410



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BIOLAWEB specific objectives (SO)



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

BIOLAWEB specific objectives (SO)



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

BIOLAWEB specific objectives (SO)



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

BIOLAWEB specific objectives (SO)



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

BIOLAWEB specific objectives (SO)



SO6. To enhance strategic networking activities with leading research institutions

Acknowledgement



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