



**Second Swiss-Hungarian Cooperation Programme  
Water and Wastewater Management**

***Improving Water Quality in Hungary Programme***

***Programme Component 2.1***

***“Micropollutant elimination: Analytical measurements, White Book elaboration”***

**Call for Applications for Participation in a Proficiency (Interlaboratory Comparison) Test**

**1. Introduction to the Programme associated with this Call**

This call for applications (hereinafter referred to as the Call) is issued within the framework of the Second Swiss-Hungarian Cooperation Programme, under the initiative entitled "*Improving Water Quality in Hungary*" (hereinafter referred to as the Programme). Specifically, it relates to the sub-component titled "*Micropollutant elimination: Analytical measurements, White Book elaboration*" (hereinafter referred to as the Programme Component), identified by code SM07-WWM-PC2.1.

The primary objective of the Programme Component is to conduct a nationwide survey, enabling wastewater treatment plant operators participating in its implementation to gain a deeper understanding of the concentrations of the indicator micropollutants present within their service areas. This initiative also provides the selected beneficiaries with the opportunity to enhance their wastewater treatment technologies with financial and technical support offered under the Programme.

As part of the Programme Component, the Ministry of Energy launches a comprehensive analytical testing at 45 municipal wastewater treatment plants across Hungary. These tests will analyse both the influent (raw sewage) and effluent (treated wastewater), focusing on standard physicochemical parameters and the presence of micropollutants. In addition, measurements will be taken on the receiving water bodies upstream and downstream of the discharge points to assess the micropollutant loads.



The evaluation of the analytical results will constitute a key element of the White Book, which will be prepared as part of the Programme Component. This document will summarize the knowledge gathered during the programme, based on the analytical measurements and the treatment technologies at the selected facilities.

## **2. Subject of the Call**

This Call is issued in accordance with the requirements and technical specifications identified during the preliminary market consultation (reference number: EKR001830022024) conducted in relation to the planned procurement titled "*Implementation of Analytical Measurements*" (hereinafter referred to as the Procurement Procedure). The result of the Call serves as a preparatory step toward the technical specification of the subsequent Procurement Procedure.

It is important to emphasize that this call **does not constitute a public procurement procedure**.

The purpose of the proficiency (interlaboratory comparison) test is to determine whether the applicants (either independently or in cooperation with a subcontractor) specified in the point 4 of this Call possess the necessary professional expertise and are capable of performing the required measurements with the appropriate accuracy, in view of the forthcoming Procurement Procedure.

Applicants are advised that participation in the proficiency test described in point 3 of this Call, as well as the achievement of the measurement accuracy, must be confirmed by a document issued by the appointed Swiss laboratory. This document will be one of the prerequisites for successful participation in the forthcoming Procurement Procedure.

Only those bidders who possess a certificate issued by the Swiss laboratory certifying the measurement accuracy will be eligible to submit a bid under the Procurement Procedure.

The document certifying measurement accuracy must be submitted as part of the bid during the Procurement Procedure.



### **3. Details of the Proficiency (interlaboratory comparison) test**

Following the verification and notification of the results of the formal eligibility check of applications, the Ministry of Energy will forward the names and contact details of the applicants to the Swiss laboratory responsible for organizing the proficiency (interlaboratory comparison) test. The laboratory will then establish direct contact with the applicants via e-mail, or phone. The technical coordination and execution of the test with the Swiss laboratory will be the responsibility of the applicants.

#### **Laboratory appointed by the Swiss authority to organize the proficiency test:**

##### **ENVILAB AG**

Mühlethalstrasse 25

CH-4800 Zofingen

Tel: +41 (0)62 745 70 50

Website: [www.envilab.ch](http://www.envilab.ch)

##### **Contact person:**

Philipp Nasemann

Email: [Philipp.Nasemann@envilab.ch](mailto:Philipp.Nasemann@envilab.ch)

The following five water samples will be sent by courier service to the applicants from the Swiss laboratory organizing the proficiency test:

- Influent water sample from a Swiss wastewater treatment plant (WWTP)
- Treated effluent sample from the same WWTP, free from micropollutants
- Surface water sample
- Treated WWTP effluent sample spiked with a known standard reference substance



- Surface water sample spiked with a known standard reference substance

**Tasks to be performed by applicants participating in the proficiency (interlaboratory comparison) test**

Applicants will be required to analyse the compounds listed in the table provided by the organizing laboratory, based on the received water samples.

<b>Micropollutant</b>	<b>CAS-number</b>	<b>Limit of detection (µg/L)</b>
Amisulpride	71675-85-9	0,005
Carbamazepine	298-46-4	0,005
Citalopram	59729-33-8	0,005
Clarithromycin	81103-11-9	0,005
Diclofenac	15307-86-5	0,005
Hydrochlorothiazide	58-93-5	0,005
Metoprolol	37350-58-6	0,005
Venlafaxine	93413-69-5	0,005
Benzotriazole	95-14-7	0,025
Candesartan	139481-59-7	0,005
Irbesartan	138402-11-6	0,005
4-Methylbenzotriazole and 5-methyl-benzotriazole	29878-31-7 136-85-6	0,025

**Tasks undertaken by the organizing Swiss laboratory include:**

- Organising water sampling (time, location, availability of equipment) and collecting samples: one raw influent sample from a WWTP, one treated effluent sample (free from



micropollutants), and one surface water sample. All samples will be filtered using glass fiber filters.

- Spiking with reference substances: two of the samples (the treated WWTP effluent and the surface water sample) will be spiked with a known concentration of a standard reference substance.
- Distribution of samples to applicants by courier service
- Collection of test results and key analytical details: including the date of testing, analytical methods used, and quantification techniques applied
- Data evaluation: conducted using ProLab software in accordance with the DIN 38402 A45 standard

Applicants will have 30 calendar days from the confirmed receipt of the samples to complete their analyses and submit the results electronically to the organizing Swiss laboratory.

Communication with the organizing laboratory must be conducted via email and in English.

Following receipt of the electronic data from the applicants, the evaluation of the results by the organizing laboratory will take approximately three to six weeks.

The cost of participation in the proficiency (interlaboratory comparison) test is not borne by the applicant.

#### **4. Eligibility Criteria for Applicants**

The proficiency test is open to all Hungarian economic operators who, either independently or with the involvement of subcontractors, possess the required laboratory infrastructure and qualified personnel necessary for analysing the samples described in Section 1.

In addition, applicants must hold accreditation under the international standard ISO/IEC 17025:2017 – General requirements for the competence of testing and calibration laboratories, or possess an equivalent certificate issued by a recognized accreditation body registered in another Member State of the European Union, attesting to compliance with this standard.



## **5. Method of Application Submission**

Applications must be submitted in writing, accompanied by a completed application form and a declaration. The required documents can be downloaded from: [www.svajcialap.hu/palyazatok](http://www.svajcialap.hu/palyazatok).

Completed application documents must be submitted electronically to the following email address: [vtcsf@em.gov.hu](mailto:vtcsf@em.gov.hu), addressed to Balázs Koppány, Chair of the Programme Component's Professional Steering Board.

For additional information related to the application process, inquiries may be sent to [vtcsf@em.gov.hu](mailto:vtcsf@em.gov.hu), also addressed to Balázs Koppány.

The language of the application is Hungarian.

**Deadline for submission: August 25, 2025, 23:59.**

Applications submitted after the deadline or incomplete submissions will be automatically rejected.

Each applicant may participate only once in the proficiency test. Results are final and cannot be repeated.

## **6. Evaluation of Applications**

Applications received by the deadline indicated in point 5 will be reviewed by the Ministry of Energy for compliance with the formal requirements set forth in point 4, based on the documents and declarations that must be submitted as part of the application. Subsequently, the compliant applications will be forwarded by the Ministry of Energy to the Swiss laboratory organizing the proficiency (interlaboratory comparison) test.



Applications that meet the formal requirements will be forwarded to the Swiss laboratory responsible for organizing the proficiency (interlaboratory comparison) test.

Applicants will receive written notification confirming the forwarding of their application.

The list of analytical laboratories participating in the proficiency test will be published on the website: [www.svajcialap.hu](http://www.svajcialap.hu).

**7. Attachments (documents to be submitted):**

- Application form
- Declaration of participation in the application