

# Project “Green Transition - Implementing Industrial Emissions Directive in Serbia 2021-2025”

*Terms of Reference*

*International STE – BATC Impact Assessment*

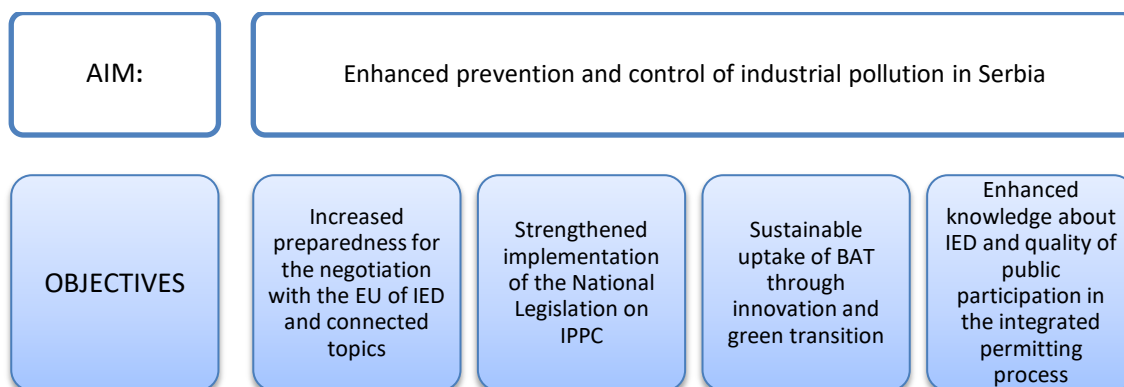
*Technical Expert*

## **1. Position: International Short Term Expert – BATC Impact Assessment Technical Expert**

### **2. Description of the project**

The project's aim is to enhance the prevention and control of industrial pollution in Serbia through the support to industry and institutions in achieving the required level of readiness for the accession to the EU and being prepared for Green Transition.

This general aim encompasses 4 specific objectives:



The activities that will be implemented in order to achieve these objectives are grouped in 4 strategies:

S.1 - Enhancing the quality of the negotiating position on IED;

S.2 - Increasing the efficiency of the integrated permitting process;

S.3 - Promoting the compliance with the BATs requirements;

S.4 - Raising awareness and knowledge on industrial pollution prevention and control.

These strategies are designed in a way to support the full implementation of the national regulation on IPPC by promoting the transition of Serbian industries to green technologies. This means helping Serbian institutions to introduce the necessary changes in the legal and administrative framework that will minimize the influence of existing obstacles and bottlenecks on the IPPC regulatory cycle. Additionally, it will be pursued an enhancement of the knowledge of industrial operators about the importance of the compliance with BAT requirements in connection with the opportunities offered by the Green Transition.

### **3. Description of the assignment**

The goal of this assignment is to gain an overview of the environmental and financial effects of BATs on strategic industrial sectors in Serbia and provide technical support the Ministry of Environmental Protection (MEP) in the identification of minimum requirements for BAT implementation.

The implementation of BAT Conclusions is a crucial step to find a balance between environmental protection level and financial stability when implementing IED requirements in industry. Considering this, BAT Conclusions for selected sectors, strategic for Serbia, will be analysed taking into account the financial impact of their implementation (cost-benefit analysis) and the envisaged positive effects on environment that the introduction of these technologies

would bring, mainly considering the reduction of emissions into the atmosphere and water. Specific focus of the analysis is on the measures planned by IED operators included in the DSIP, as well as, on the possibilities to unlock the potential of circular economy in selected sectors.

The aim of these studies is to provide the Ministry with consistent data on BAT implementation useful to identify minimum requirements (technologies, ELVs, consumption ranges, operational parameters...), described as conditions within the integrated permits, which would ensure a sustainable industrial development and production.

The technical expert will work with a team of local experts (social, financial, technical) to assess the financial (cost-benefit analysis) and environmental impact of BAT Conclusions implementation on two IED sectors of Serbian industry. The expert will provide support to the team regarding technical aspects of the assessment, technical challenges for BATC implementation, performance of specific techniques, industry standards, consumption and emission ranges, operational parameters, etc. Particular attention needs to be devoted to identification of technical barriers and challenges for development of circular economy.

Prior to the assessment the expert is expected to prepare a draft proposal for an assessment methodology. Once the methodology is adopted by the project team, the expert will collect necessary data using available documents and in direct contact with companies. The data has to be organized and analyzed in accordance with the adopted assessment methodology. The obtained results have to be presented in form of an assessment report, which will be finalized through consultations with competent authorities (MEP, Provincial Secretariat for the Environmental Protection, etc) and operators.

#### **4. Job description**

The expert will be required to carry out one or more of the following tasks:

- Preparation of the draft proposal for an assessment methodology to be used for the BATC impact assessment;
- Assessment of the impact on Serbian industry of BAT Conclusions implementation in 2 IED sectors, with focus on the measures planned by IED operators and challenges for development of circular economy. Data collection, analysis and preparation of an assessment report;
- Participation in the periodic meetings of the expert team and consultations with competent authorities;
- Communication with other technical experts, operators and competent authorities.

#### **5. Expected outputs**

The expert will be required to achieve at least the following results:

- Draft proposal for an assessment methodology to be used for the BATC impact assessment;
- Assessment report on the impact of BAT Conclusions implementation in 2 IED sectors of Serbian industry;
- Participation in the periodic meetings with competent authorities and expert team;
- Presentation of the obtained results to operators and competent authorities.

**6. Period of the Assignment:** February 2022 – December 2023

**7. Number man/days allocated:**

Tentative 50 working days during the period of the assignment

**8. Location of the assignment:**

Home based, Belgrade and other towns, Serbia

**9. Qualification and skills**

The expert will have to describe, through a CV compiled in the prescribed format, the fulfillment of the following required characteristics:

<b>Education</b>	University degree in Technical Sciences, Environmental Management or equivalent subject. A PhD in a subject relevant to the assignment is an advantage.
	Fluency in English
<b>Professional Experience</b>	<ul style="list-style-type: none"><li>- At least 10 years of post graduate professional experience in the field of environmental protection;</li><li>- Experience in the implementation of IED and BATC;</li><li>- Experience in the technical assessment of the IED sectors of industry (environmental impact, resource efficiency, circular economy);</li><li>- Work experience in the projects in the fields related/similar to the contract is considered as an advantage.</li></ul>