

Project “Green Transition - Implementing Industrial Emissions Directive in Serbia 2021-2027”

Terms of Reference

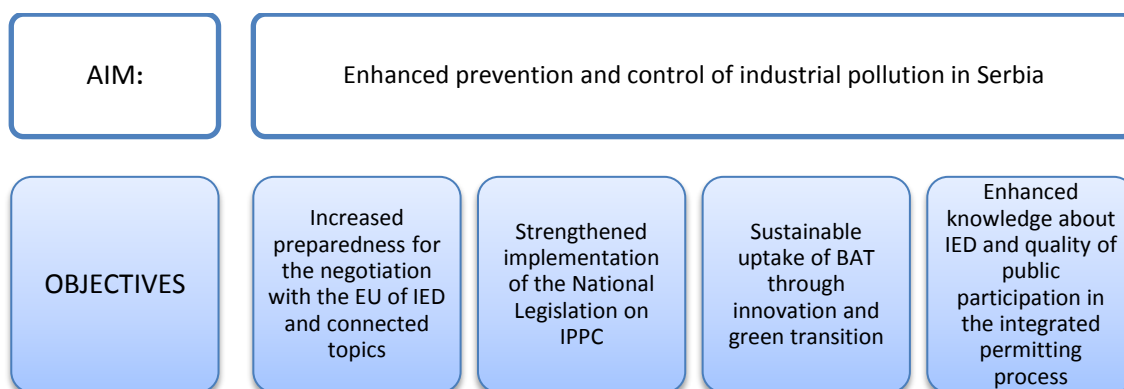
International STE – IED specialist

1. Position: International Short Term Expert – IED specialist

2. Project background

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.

Project's implementation phase has started on the 1st August 2021 and its duration was initially planned until the 31st December 2024. In December 2023, Sida and the Faculty of Technology and Metallurgy, University of Belgrade signed an extension of the project activities until the 31st December 2026. The extension of the project duration is aimed at further supporting Serbian institutions and companies for the implementation of the new Law on IPPC.

3. Objectives and description of the activities

The goal of the assignment is to provide technical support to the Ministry of Environmental Protection of the Republic of Serbia in the implementation of the Industrial Emissions Directive, by mean of various activities:

Activity 1.1 and Activity 1.4:

Assessment of BAT compliance for selected operators belonging to new sectors and amended ones as introduced by the IED. The full transposition of the IED, by mean of the new Law on IPPC, will extend the scope of the Law including operators from the waste sector, chemical industry and wood treatment. The expert will be required to prepare tools for the assessment of the compliance with the corresponding BAT Conclusions or BREF document for those sectors and to support a selected group of operators in laying down a plan of measures to achieve full compliance. In addition to that, the expert could be required to support the project team in the update of the technical analysis included in the DSIP for Chapter 2 of the IED (prepared by the project in 2018), reviewing the plan of compliance measures in relation to the current status of the installation;

Activity 2.2, Activity 3.1 and Activity 3.2:

Preparation of technical manuals on different topics related to the implementation of the IED and to integrated permitting, such as: application for an integrated permit, baseline report, general binding rules for farms, assessment of the impact of BAT implementation on certain IPPC sectors. The expert could be also involved in the preparation of technical brochures or leaflets within the activities of the Info Centre on Green Transition, conducted by the project;

Activity 2.3:

Preparation of draft integrated permits for farms and other industrial installations in full compliance with the requirements of the IED and the national regulation. A team of experts will work with a group of permit writers, selected from different competent authorities, in order to analyze and solve together administrative and technical problems related to the installations for which the draft integrated permits will be prepared. The sector for intensive rearing of pig and poultry will have a particular place in the activity, due to its specific administrative process for the issuance of an integrated permit based on the adoption of General Binding Rules. The expert will be in charge of the assessment of the compliance with BAT for selected operators, industry or farm, with a particular focus on compliance measures, investment plans and emission limit values in accordance with BAT conclusions;

Activity 2.4:

Support to the enforcement of integrated permits' requirements to ensure an effective implementation of the IED and Law on IPPC. After having completed the first phase of the training plan, including thematic workshops and on-site activities, the project will continue supporting inspectors at national, provincial and local level in enhancing their skills and achieving sufficient experience to operate specific control of conditions prescribed in the integrated permits. For this purpose, the activity will include on-site inspections involving restricted groups of inspectors, aimed at improving their skills and to transfer to them the experience gained by project experts.

Activity 2.5:

The strategy for the digitalization of the public administration identified as a specific goal the integrated permitting process' digitalization. The analysis of IED transposition, also, pointed out a major gap such as the lack of a national register of IPPC permits which therefore is not available to the interested public. The adoption of the new Law on IPPC offers the opportunity

to fill this gap while also providing operators and competent authorities with an efficient tool for monitoring and control of integrated permits. This activity, therefore, will be aimed at designing an information system that will include:

- The national register of integrated permits;
- A system for the on-line submission of an application for the integrated permits by IPPC operators;
- A system for documental management and monitoring of the status of the IPPC applications and permits at all administrative levels.

During the assignment, the expert will work in strict cooperation with the project team and other international and local experts.

4. Scope of work and required tasks

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

Activity 1.1 and Activity 1.4:

- Preparation of a tool for the assessment of the compliance with BATs and associated ELVs for selected operators belonging to new IED sectors or included in the DSIP for Chapter 2 of the IED;
- Support to the preparation of a plan of compliance measures for a selected group of IED operators;

Activity 2.2, Activity 3.1 and Activity 3.2:

- Preparation of technical manuals and brochures on different topics related to IED implementation and on processes and BATs applied to different sectors;

Activity 2.3:

- Analysis of the preliminary documents prepared by the selected operator, included in the submitted application or necessary for the preparation of the permit;
- Preparation of reports on: BAT assessment and associated ELVs, specific technical and sectoral conditions to achieve full compliance with IED requirements;

Activity 2.4

- Preparation (including training material if required) and participation to on-site training for inspectors consisting of simulated inspections carried out in accordance with IED principles and methodology;

Activity 2.5:

- Analysis and identification of the elements required by IED to be included in the public register of integrated permits;
- Analysis of the content of the application for an integrated permit, according to the official Rulebook, and identification of the technical elements to be included in the design of the IT system;
- Analysis of the procedure for the issuance of an integrated permit and definition of a flow-chart scheme including tasks and responsibilities of involved actors.

5. Expected outputs

The Expert will be required to produce one or more of the following outputs:

Activity 1.1 and Activity 1.4

- Tool for the assessment of the compliance with BAT for new IED sectors;
- Report on the preparation of a plan of compliance measures for a selected group of IED operators belonging to new IED sectors or included in the DSIP for Chapter 2 of the IED;

Activity 2.2, Activity 3.1 and Activity 3.2:

- Technical manuals and brochures on different topics related to IED implementation

Activity 2.3

- Preliminary reports, including the description of on-site activities, related to: BAT assessment and associated ELVs, specific technical and sectoral conditions to be included in the draft integrated permit;

Activity 2.4

- Report on on-site training activities for inspectors, including training material if required.

Activity 2.5:

- Reports on the minimum elements required by IED to be included in the public register of integrated permits;
- Report on the technical elements to be included in the design of the IT system for the on-line submission of the application for an integrated permit;
- Report on the procedure for the issuance of an integrated permit, as technical input for the design of the IT system for the documental management of the integrated permitting procedure.

6. Period of the Assignment

Depending on the task and project activities, the expert will be contracted for a specific period of time within the project duration, i.e., from March 2024 to December 2026.

7. Number man/days allocated

The assigned number of man/days will vary depending on the tasks assigned with a tentative duration of:

Activity 1.1: 20 working days;

Activity 1.4: 30 working days;

Activity 2.2: 15 working days;

Activity 2.3: 40 working days;

Activity 2.4: 30 working days;

Activity 2.5: 20 working days;

Activity 3.1: 20 working days;

Activity 3.2: 5 working days.

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 qualifications and skills:

Education	University degree in Technical Sciences, Environmental Management, Agriculture or equivalent subject. A PhD in a subject relevant to the assignment is an advantage
	Fluency in English
Professional Experience	<ul style="list-style-type: none">- At least 10 years of professional experience in the field of environmental protection;- At least 1 professional experience in the implementation of relevant legislation and other regulatory instruments in the field of industrial pollution at EU level;- At least 1 professional experience in development of IPPC applications/permits;- At least 1 professional experience in the assessment and application of BATs in IED sectors.