



## Contracting authority

Organisation name: Zero Waste Europe  
Address: Chaussee de Vleurgat 15, 1050 Ixelles, Brussels  
Telephone: +32 (0) 2 736 20 91  
Website: [www.zerowasteurope.eu](http://www.zerowasteurope.eu)  
E-mail: [hello@zerowasteurope.eu](mailto:hello@zerowasteurope.eu)

## Date and Place

04 April 2022, Brussels - Belgium

# CALL FOR TENDER

## Topic

Call for proposals for developing an analysis to quantify the tonnages of incineration ashes/slugs being landfilled and the economic costs of doing so

## Deadline to apply

20 April, 2022 at 23:59 CET

## Budget

7,000 EUR (VAT excluded if applicable).

## Presentation of study

Zero Waste Europe wish to carry out new research to quantify the tonnes of incineration ashes/slugs being landfilled in hazardous or non-hazardous waste landfills and the economic costs of doing so.

## Background

Waste incinerators are often promoted as a way to avoid landfilling. Yet, up to 35% of waste incinerated ends up as slags/ashes which are often landfilled. However, because of the way the landfill target must be calculated, the landfilling of waste incineration residues does not show up in municipal waste statistics.

Principles and rules for the calculation of landfilling are laid out in Article 5a(1) of the New Landfill Directive (NLD). This has then been supplemented by the Commission Implementation Decision (EU) 2019/1885 of 6 November 2019, which added a few details. With regard to the NLD, art. 5a(1), the following key rules apply:

- A. The weight of the municipal waste generated and directed to landfilling shall be calculated in a given calendar year;

- B. The weight of waste resulting from treatment operations prior to recycling or another recovery of municipal waste, such as sorting or mechanical biological treatment, which is subsequently landfilled, shall be included in the weight of municipal waste reported as landfilled;
- C. The weight of municipal waste that enters incineration disposal operations and the weight of waste produced in the stabilisation operations of the biodegradable fraction of municipal waste in order to be subsequently landfilled shall be reported as landfilled;
- D. **The weight of waste produced during recycling or other recovery operations of municipal waste which is subsequently landfilled shall not be included in the weight of municipal waste reported as landfilled.**

It follows that all waste produced by recovery operations, including R1 incinerators (basically, all the new ones and most of the old ones), will be fully deducted from the amounts of landfilled waste – including ashes and slags sent to landfills.

Since residues from R1 incinerators are not reported as municipal waste landfilled, they do not show up in municipal solid waste statistics, giving a wrong picture of the amount of residues generated and the costs of landfilling those.

## Objectives of the study

The objective of this study is to develop an analysis of the tonnages of waste incineration ashes/slugs landfilled both in hazardous waste and non-hazardous waste landfills, as well the costs of landfilling them. Since residues from waste to energy incinerators (R1 incinerators) are not to be accounted for, the analysis would allow us to compare real-life statistics with reported claims.

## Deliverables

A written public report of 15-20 pages. The report must be written in English and the language/tone used should be non-technical, clear, and understandable by both policymakers and interested citizens.

## Tender response

Your response should include:

- Details of the research you will carry out and methods you will use;
- Expected timeline for the work;
- A breakdown of the costs of undertaking the study;
- A description of the team that will manage and deliver the work, including the skills and experience of the team members, as demonstrated by the CVs of those who would undertake the work.

The tender response document should be limited to no more than 3 sides of A4 (at a minimum of 10-point font) excluding the CVs of team members.



## Timetable

The deadline for the receipt of tenders is 20 April 2022, 23:59 CET.

The final report should be ready for publication by 30 June 2022.

## Tender responses

Please send tender responses via the appropriate tender form on the ZWE website:  
[www.zerowasteurope.eu/join-us/work-with-us](http://www.zerowasteurope.eu/join-us/work-with-us).

If you have any questions about this call for tenders or its process, please send your query to Janek Vahk, Climate, Energy, and Air Pollution Programme Coordinator at [janek@zerowasteurope.eu](mailto:janek@zerowasteurope.eu).