

PROJECT FILE

OVAM – SOIL REMEDIATION WORKS STAATSBAAN ZULTE



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Document management

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00	31-Oct-2023	Initial version

Assessment and approval

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Reference documents

Reference	Title
JDN managed documents	
JDN.QF.17.02.n.10	Internal Audit Report
Standards	
CO2 Performance ladder	Handbook version 3.1
ISO 14064	

Abbreviations

Abbreviation	Meaning
SRP	Soil Remediation Project
VAT	Value Added Tax
CO2PL	CO ₂ Performance Ladder
GL	Ground Level
NV	Naamloze Vennootschap (Company limited by shares)
OVAM	Openbare Vlaamse Afvalstoffenmaatschappij (Flemish Public Waste Management Company)

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1 Introduction

The object of this contract is the ex officio performance of soil remediation works of part of plot 15 T2 on the property located at N° 183 Staatsbaan in 9870 Zulte. The soil remediation works described in the specifications only concern a part of plot 15 T2 to be carried out as part of the soil remediation project “First phased soil remediation project, Core Part, OVAM and SANTERRA, Staatsbaan 183, 9870 Zulte” set up by Envirosoil NV on 1 February 2022 and declared compliant by OVAM on 17 April 2022. The buildings and surfacing on location will be demolished prior to the start of soil remediation works.

1.1 Project details

ID-data	
Description	Zulte - Staatsbaan 183 – Performance ex officio of soil remediation works on plot 15 T2
Specification N°	BN220605
Client	Openbare Vlaamse Afvalstoffenmaatschappij
Tender date	20 April 2023
Award date	12 June 2023
Implementation period	November 2023 – December 2023
Estimated value excl. VAT	-
Which role did CO2PL play in the tender	<p>The tenderer could aim for a certain commitment to achieve a certain CO₂ level. This results in a fictitious discount. Applying this fictitious discount to the tender price produces the assessment price, which is assessed in accordance with the “Price” award criterion.</p> <p>For this contract, the tenderer could aim for one of the following ambition levels:</p> <p>None – 0% / Level 1 – 2% / Level 3, 4, 5 – 6%</p> <p>In their offer, the tenderer could aim for a certain commitment to achieve a certain CO₂ level: Level 3</p>

1.2 Parties involved

OVAM: client

Client or employer with whom Envisan has some form of agreement regarding the provision of a service or realisation of a projet.

Envisan: main contractor

The entity contracted by the client to provide a service or realise the project.

Hauliers: subcontractors

The entities contracted by the main contractor to execute the transports for the project.

2 Insight

2.1 Identification of energy and emission flows

List of material energy/emission flows

Scope 1 (Fuel consumption)

Cranes	Caterpillar (325.01)
	Hitachi 135 (rented) half-time
Generator sets	50 kVA generator set (rented)
Heating oil	3956 litres (26/10/2023)
	1676 litres (10/11/2023)
	2596 litres (4/12/2023)
	1821 litres (21/12/2023)
	= 10049 litres

Scope 2 (Electricity consumption, heat)

Scope 3

Earthworks (tonnes.km or litres fuel)	8300 tonnes
Soil supply	7000 tonnes

List of excluded energy/emission flows

Energy flow	Reason
Project electricity	All electricity is generated in-house with generator sets for the reporting period.
Electricity consumed in the supporting department (e.g. Aalst office)	Is monitored at corporate level and is calculated to communal areas
Natural gas	No natural gas consumption on the project for the reporting period.
Natural gas consumed in the supporting department (e.g. Aalst office)	Is monitored at corporate level and is calculated to communal areas
Business Travel	Is monitored at corporate level and is calculated to communal areas
Scope III – Concrete	No concrete consumption for the reporting period.
Scope III - Steel	No steel consumption for the reporting period.

2.2 CO₂ footprint and trends

2.2.1 Reference CO₂ footprint

There is no reference CO₂ footprint available.

2.2.2 Actual project CO₂ footprint

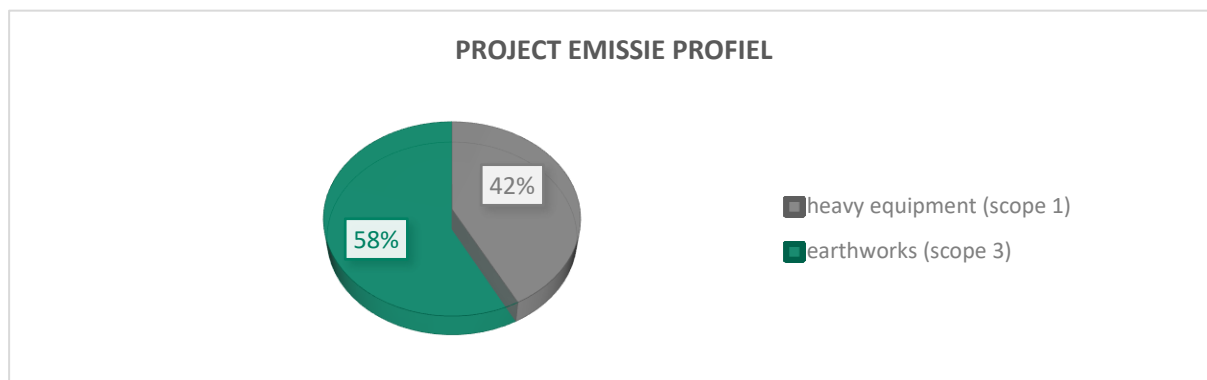


Figure 1: CO₂ footprint OVAM Zulte

The main energy flows in this project are related to emissions of heavy earthmoving equipment. 58% or 24.82 tonnes CO_{2e} of the project emissions fall in this category, scope 1. No power or gas supply was provided for, and as a result, the project has no scope 2 emissions. Scope 3 emissions originate from earthworks, representing 33.97 tonnes CO_{2e} emissions.

2.2.3 Comparison emissions profile organisation - project

2.2.3.1 Organisation's emissions profile

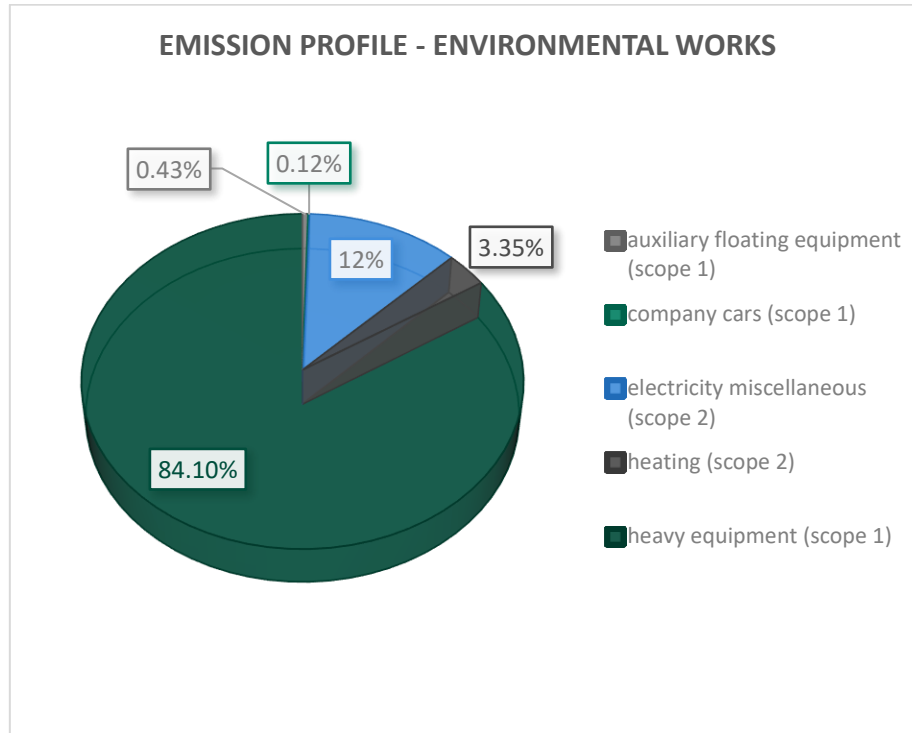


Figure 2: emissions profile environmental works

The energy/emissions profile of this project is not very different from the profile at corporate level for the environmental works department, which is mainly determined by the deployment of heavy earthmoving equipment.

3 Reduction

3.1 List of reduction measures for this project

Because of the short duration and small scope of this project, reduction opportunities are limited:

- Switching machines on and off
- Euro 6 standard for lorries and machines

4 Transparency

For the communication about the CO₂ performance for the Benelux as a whole, please refer to the umbrella communication plan << CO2PL-Jan De Nul-3C2 –Communicatieplan>>.

Specifically for this project too, communication about the CO₂ performance happens both internally and externally. The form of communication, stakeholders, person responsible and frequencies are summarized in the table below.

4.1 Internal

Communication form	Stakeholders	Person responsible	Frequency
Objectives poster	Project team	Project manager/site manager	6-monthly
Project induction	Project team	Project manager/site manager	At start of project
Feedback in steering group	Envisan steering group	Project manager	Monthly

4.2 External

Communication form	Stakeholders	Person responsible	Frequency
Annual project report	Client	Project manager	Annual
Publication of these project reports on the JDN website	Interested stakeholders	Energy & Emissions QHSSE Advisor	6-monthly*

*Note: The 6-monthly frequency is followed provided that activities can be reported. If there are no activities in a given 6-month period, then there is no report either.