



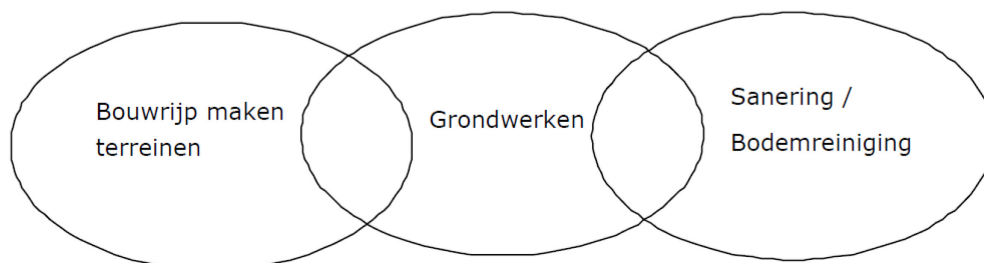
**Environmental criteria for sustainable public
procurement of**

**Earthworks, Preparation of Building Sites and
Remediation/Soil Decontamination**

Version 30 March 2017

1. Scope/definition

All three product groups, Preparation of Building Sites, Earthworks and Remediation/Soil Decontamination, concern interventions in the soil, in which the displacement of soil or spoil takes place to a greater or lesser extent. The product groups have much overlap.



Traditional soil decontamination is an earthwork, but an earthwork may involve more than soil decontamination. The Soil Protection Act determines, based on the quality of the soil, whether an activity is "ordinary" digging or if soil decontamination is involved. Another form of soil decontamination is cleaning up the soil on location (in situ), where no earthmoving takes place, other than installing facilities and the like. Further, water bed decontamination is included in the product group Hydraulic Engineering constructions.

The preparation of building sites is defined as a separate product group, because this is a frequently occurring task for municipalities. Site preparation is the technology of making the soil and hydrology ready for the building of houses, infrastructure, commercial buildings, etc. Specific attention is paid to foundations, creation of embankments, stabilisation of raised sites, drainage, discharge, sewerage, the growth environment, cables and pipework, etc. In site preparation, earthwork is an important aspect in every case. Site preparation includes aspects which may be seen in other product groups including drainage of rainwater and sewerage (in the product group Sewerage systems).

The following products (with their corresponding CPV codes) are part of this product group. This list of products is not intended to be exhaustive.

Products	CPV code
Building site preparation	
Site preparation work	45100000-8
Engineering works and construction works	45220000-5
Earthworks	
Completion	
Excavating and earthmoving work	45112000-5
Covered or partly covered excavations	45221210-7
Remediation/soil decontamination	
Design and consultancy	
Ground investigation services	71351500-8
Completion	
Soil decontamination work.	45112340-0
Services relating to contaminated soil	90522000-2
Toxic waste disposal services except radioactive waste and contaminated soil	90523000-9

This document describes the environmental criteria. Information about the other elements of sustainable public procurement, such as social conditions and social return, may be found on the PIANOo website, on the specific product group page: <https://www.pianoo.nl/document/10833/productgroep-grondwerken-bouwrijp-maken-terrein-saneringbodemreiniging>.

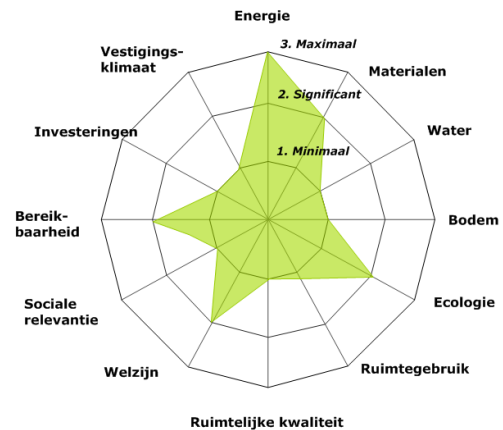
2. Criteria documents and approach to sustainable groundwork, road and hydraulic engineering

The core of the Sustainable Groundwork, Road and Hydraulic Engineering Approach is to allow sustainability aspects to be a consideration from an early planning stage on, with a focus on the whole life cycle of the infrastructure or object(s) to be built. This is the approach that facilitates the biggest gains in sustainability, and it allows a good and broad-based consideration of People, Planet and Profit to be made in every project (see also <http://duurzaamqww.nl>).

The AmbitionWeb has a key role in the Sustainable Groundwork, Road and Hydraulic Engineering Approach. It helps clarify ambitions at an early stage of a project, so they can then be maintained throughout the entire project process, from start to finish. For more information about the Sustainable Groundwork, Road and Hydraulic Engineering Approach and AmbitionWeb, see <http://duurzaamqww.nl/ambitiweb>.

The AmbitionWeb revolves around a number of sustainability themes, each with three ambition levels:

1. insight into the biggest impactors and flows for the theme in question, with the achievement of a minimum level, “state of the art”;
2. drafting specific reduction targets and achieving a significant improvement on the theme in question;
3. adding value, instead of just making things “less bad”. Not only is the impact on people/planet/profit zero, but a positive contribution is made.



Part of level 1 is meeting the suitability requirements, minimum requirements and contract provisions of the Sustainable Procurement criteria documents. The award criteria may be used to make a contribution to levels 2 and 3.

The following table presents the themes, based on the classification used in the criteria documents, on which the buyer can actually have an impact by using the requirements and criteria in this criteria document. It should be noted that a slightly different classification is used in the AmbitionWeb.

Below is a list of the requirements and criteria broken down by the individual themes. The criteria documents identify a total of five themes (the corresponding theme from the AmbitionWeb is shown in brackets):

- energy and climate (AmbitionWeb: “energy”);
- supplies and raw materials (AmbitionWeb: “supplies”);
- water and soil (AmbitionWeb: “water” and “soil”);
- living environment (AmbitionWeb: “welfare”);
- nature and space (AmbitionWeb: “ecology”).

The following table presents the themes on which the buyer can actually have an impact by using the requirements and criteria in this criteria document.

Themes	Level 1 AmbitionWeb Selection criteria (SC) Technical specifications (ME) Contract provisions (CB)	Level 2 AmbitionWeb Award criteria (GC)
Energy and climate		GC1. Soil balance
Supplies and Raw materials		GC1. Soil balance

3. Assignment of criteria to project phases

The criteria in this document pertain to the new building and reconstruction of works.

Mobile vehicles

The environmental criteria for Sustainable Public Procurement of Mobile Equipment contracting apply to any mobile vehicles used.

4. Selection criteria

Not defined for this product group.

5. Technical specifications

Not defined for this product group.

6. Award criteria

No.	Award criteria (GC)
GC1	<p>Soil balance The larger the proportion of soil released from the work (possibly in exchange with works within a radius of <X km>) which is used within the work (in volume percentage/m3 or mass percentage/tonne), the higher the tender will be rated.</p> <p><i>Explanation</i> The purchaser will determine the unit to be used (m3 or tonnes) depending on the nature of the work. The purchaser must determine in advance the distance within which exchange of soil will still be rated. To optimise soil balance, this can also be included in the definition of GC1 Environmental Performance of Groundwork, Road and Hydraulic Engineering.</p> <p><i>Verification</i> The tenderer may be asked to provide a description of the soil stream plan.</p>

7. Contract provisions

Not defined for this product group.