



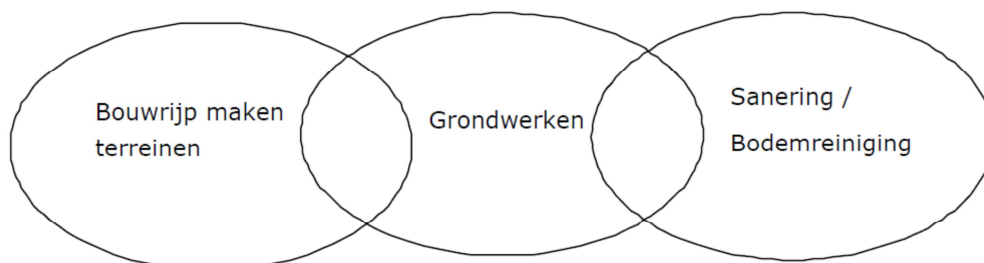
Environmental criteria for sustainable public procurement of

Earthworks, Preparation of Building Sites and Remediation/Soil Decontamination

Version 7 May 2015

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).

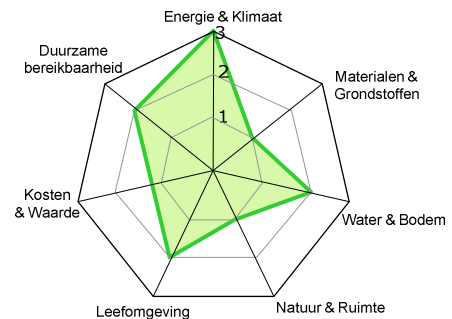
The following products (with their corresponding CPV codes) are part of this product group. This list of products is not intended to be exhaustive.

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

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.

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. For more information about the Sustainable Groundwork, Road and Hydraulic Engineering Approach and AmbitionWeb, see <http://duurzaamgww.nl/>.



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.
2. drafting specific reduction targets and achieving a significant improvement on the theme in question.
3. adding value, instead of just making “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 level 2.

Below is a list of the requirements and criteria broken down by the individual themes. The criteria documents identify a total of five themes:

- energy and climate
- supplies and raw materials
- water and soil
- living environment
- nature and space

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 (AC)
<i>Energy and climate</i>		GC1. Soil balance
<i>Supplies and Raw materials</i>		GC1. Soil balance

3. Assignment of criteria to project phases

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

4. Selection criteria

Not defined for this product group.

5. Technical specifications

Not defined for this product group.

6. Award criteria

No.	Award criteria (AC)
GC1	<p>Soil balance The less soil needed for the project and usable as a secondary construction material that must be delivered to or removed from the site, the higher the tender will be rated.</p> <p>This criterion will be evaluated as follows: The larger the proportion of soil released from the work (possibly in exchange with neighbouring works) which is used within the work (in volume percentage/m³ or mass percentage/ton), the higher the tender will be evaluated.</p> <p><i>Explanation</i> In the award, a tender with a completely closed soil balance (released soil which is suitable as secondary building material is completely re-used) may, for example, be evaluated higher than a tender which does not have a completely closed soil balance. 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 with which neighbouring works exchange can take place.</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.