



BSI Standards Publication

**Guidance for the  
implementation of  
environmental aspects  
in product standards and  
system standards in the  
field of wastewater  
engineering**

**National foreword**

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TECHNICAL REPORT

**CEN/TR 16928**

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English Version

## Guidance for the implementation of environmental aspects in product standards and system standards in the field of wastewater engineering

Lignes directrices pour la mise en oeuvre des aspects  
environnementaux dans les normes produits et les  
normes systèmes du domaine de l'assainissement

Anleitung zur Umsetzung von Umweltaspekten in  
Produkt- und Systemnormen im Bereich  
Abwassertechnik

This Technical Report was approved by CEN on 28 December 2015. It has been drawn up by the Technical Committee CEN/TC 165.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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## **European foreword**

This document (CEN/TR 16928:2016) has been prepared by Technical Committee CEN/TC 165 “Wastewater Engineering”, the secretariat of which is held by DIN.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

## **1 Scope**

This document applies for the implementation of environmental aspects in product standards and system standards in the field of wastewater engineering. It provides a structure on how to identify and consider environmental aspects and potential environmental impacts of products and systems in the field of wastewater engineering throughout their life cycle.

**NOTE** Standards that are produced make environmental declarations voluntary where there are no national regulations. This is carried out by including for “No Performance Declared”.

This Technical Report gives guidance on how this life cycle should be considered in accordance with EN 15804.

The stages of Life Cycle Assessment (LCA) are given in Annex A.

## **2 Normative references**

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 15804, *Sustainability of construction works — Environmental product declarations — Core rules for the product category of construction products*

CEN Guide 4:2008, *Guide for addressing environmental issues in product standards*

## **3 Terms and definitions**

For the purposes of this document, the terms and definitions given in CEN Guide 4:2008 and the following apply.

### **3.1**

#### **life cycle**

consecutive and interlinked stages of a product system, from raw material acquisition or generation of natural resources to final disposal

Note 1 to entry: The term “product system” is defined and further explained in ISO 14040.

[SOURCE: ISO 14050:2009, definition 7.1]

## **4 General guidance**

### **4.1 Provisions dealing with the introduction of environmental aspects into European Standards**

European Standards concerning products and systems in the field of wastewater engineering currently exist without any direct reference for the user to environmental awareness and the possible environmental aspects and potential impacts. This does not necessarily lead to products and systems in the field of wastewater engineering which are less environmentally friendly, because the user has other incentives when considering environmental aspects, such as installation considerations, legal requirements etc. However, the inclusion of environmental provisions encourages the consideration of environmental aspects in cases where such incentives do not exist.

In many cases, it is sufficient to include the necessary provisions when revising European Standards dealing with products and systems in the field of wastewater engineering by the inclusion of a new