

<b>TNI</b>	<b>Výrobky založené na biomase</b> <b>Príklady oznamovania kritérií trvalej udržateľnosti</b>	<b>TNI</b> <b>CEN/TR 17341</b>  65 9809
------------	--	--

Bio-based products - Examples of reporting on sustainability criteria

Táto technická normalizačná informácia obsahuje anglickú verziu CEN/TR 17341:2019.  
This Technical standard information includes the English version of CEN/TR 17341:2019.

Táto technická normalizačná informácia bola oznámená vo Vestníku ÚNMS SR č. 07/19

**129095**

TECHNICAL REPORT

CEN/TR 17341

RAPPORT TECHNIQUE

TECHNISCHER BERICHT

February 2019

ICS 13.020.55

English Version

## Bio-based products - Examples of reporting on sustainability criteria

Produits biosourcés - Exemples de rapports relatifs aux critères de durabilité

Biobasierte Produkte - Beispiele für die Berichterstattung zu Nachhaltigkeitskriterien

This Technical Report was approved by CEN on 8 February 2019. It has been drawn up by the Technical Committee CEN/TC 411.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**CEN/TR 17341:2019 (E)**

<b>Contents</b>		Page
<b>European foreword</b> .....		<b>3</b>
<b>Introduction</b> .....		<b>4</b>
<b>1</b>	<b>Scope</b> .....	<b>5</b>
<b>2</b>	<b>Normative references</b> .....	<b>5</b>
<b>3</b>	<b>Terms and definitions</b> .....	<b>5</b>
<b>4</b>	<b>General guidance</b> .....	<b>5</b>
<b>5</b>	<b>Examples of reporting</b> .....	<b>6</b>
<b>5.1</b>	<b>General</b> .....	<b>6</b>
<b>5.2</b>	<b>Example 1 – Agricultural-based supply chain in Europe</b> .....	<b>7</b>
<b>5.3</b>	<b>Example 2 – Sawn timber from Swedish forests</b> .....	<b>17</b>
<b>5.4</b>	<b>Example 3 – Cellulose pulp produced in Sweden</b> .....	<b>27</b>
<b>Bibliography</b> .....		<b>39</b>

## **European foreword**

This document (CEN/TR 17341:2019) has been prepared by Technical Committee CEN/TC 411 “Bio-based products”, the secretariat of which is held by NEN.

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.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

**CEN/TR 17341:2019 (E)****Introduction**

Bio-based products from forestry and agriculture have a long history of application, such as paper, board and various chemicals and materials. The last decades have seen the emergence of new bio-based products in the market. Some of the reasons for the increased interest lie in the bio-based products' benefits in relation to the depletion of fossil resources and climate change. Bio-based products may also provide additional product functionalities. This has triggered a wave of innovation with the development of knowledge and technologies allowing new transformation processes and product development.

Acknowledging the need for common standards for bio-based products, the European Commission issued mandate M/4921, resulting in a series of standards developed by CEN/TC 411, with a focus on bio-based products other than food, feed and biomass for energy applications.

The standards of CEN/TC 411 "Bio-based products" provide a common basis on the following aspects:

- Common terminology;
- Bio-based content determination;
- Life Cycle Assessment (LCA);
- Sustainability aspects;
- Declaration tools.

It is important to understand what the term bio-based product covers and how it is being used. The term 'biobased' means 'derived from biomass'. Bio-based products (bottles, insulation materials, wood and wood products, paper, solvents, chemical intermediates, composite materials, et cetera) are products which are wholly or partly derived from biomass. It is essential to characterize the amount of biomass contained in the product by for instance its bio-based content or bio-based carbon content.

The bio-based content of a product does not provide information on its environmental impact or sustainability, which may be assessed through LCA and sustainability criteria. In addition, transparent and unambiguous communication within bio-based value chains is facilitated by a harmonized framework for certification and declaration.

The aim of this Technical Report is to give some examples on how to apply EN 16751 *Bio-based products – Sustainability criteria*. These examples give guidance and ideas on how to respond to the indicators in that European Standard.

## **1 Scope**

This document provides examples of business to business (B2B) reporting in accordance with EN 16751 Bio-based products – Sustainability criteria. This Technical Report also offers some additional guidance to the user of EN 16751.

## **2 Normative references**

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 16751, *Bio-based products — Sustainability criteria*

EN 16575, *Bio-based products — Vocabulary*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**