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# HARMONISATION OF VOCABULARIES FOR ELEARNING

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**CEN** 

**CWA 15453** 

**WORKSHOP** 

November 2005

# **AGREEMENT**

ICS 01.020; 03.180

### English version

# Harmonisation of vocabularies for eLearning

This CEN Workshop Agreement has been drafted and approved by a Workshop of representatives of interested parties, the constitution of which is indicated in the foreword of this Workshop Agreement.

The formal process followed by the Workshop in the development of this Workshop Agreement has been endorsed by the National Members of CEN but neither the National Members of CEN nor the CEN Management Centre can be held accountable for the technical content of this CEN Workshop Agreement or possible conflicts with standards or legislation.

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## CWA 15453:2005 (E)

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#### **FOREWORD**

This CEN Workshop Agreement (CWA) provides concepts, techniques and guidelines for the harmonisation of *vocabularies*. The term *vocabulary* is used in this CWA in the broad sense, referring to value lists, classifications, taxonomies, glossaries, dictionaries, ontologies, and thesauri.

Different communities have their own identity, language, and *vocabularies* which are important to express exactly what is meant. For instance the educational system in North America is differently structured than in Europe and it uses different terminology. Even in Europe great differences exist between different sectors. For example, a thesaurus applicable for vocational education is different from the one for schools. These naturally grown differences make the application of standards more complex and often less effective. In addition *vocabularies* are created again and again sometimes with differences that are not essential but that inhibit interoperability.

The CWA also provides tools to specify mappings between learning technology vocabularies.

In parallel to this CWA, an online service that supports the analysis of different thesauri has been developed.

The decision for this work item was taken by the Learning Technologies Workshop at the 14<sup>th</sup> meeting on March 24/25, 2003. Work on the CWA actually started at the 17<sup>th</sup> meeting in January 2004.

The CWA was edited by Frans Van Assche with contributions of Sylvia Hartinger, Angelika Harvey, David Massart, Kateryna Synytsya, Anne Wanniart and Marc Willem.

The document has been developed through the collaboration of a number of contributing partners, representing a wide mix of interests, from universities to commercial companies representatives. The names of the individuals and their affiliations that have expressed support for this CWA is available from the CEN/ISSS Secretariat.

The final review/endorsement round for this CWA was started on 2005-06-16/17 and closed on 2005-07-15.

The final text of this CWA was submitted to CEN for approval and publication in 2005-09-06.

This CEN Workshop Agreement is publicly available as a reference document from the National Members of CEN: AENOR, AFNOR, BSI, CSNI, CYS, DIN, DS, ELOT, EVS, IBN, IPQ, IST, LVS, LST, MSA, MSZT, NEN, NSAI, ON, PKN, SEE, SIS, SIST, SFS, SN, SNV, SUTN and UNI.

Comments or suggestions from the users of the CEN Workshop Agreement are welcome and should be addressed to the CEN Management Centre.

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#### **ABBREVIATIONS**

ADL Advanced Distributed Learning

CEDEFOP Centre européen pour le développement de la formation professionnelle

DDC Dewey Decimal Classification Scheme

ECLAS European Commission Library Automated System

ELR European Learning Resource

EUN European Schoolnet

IEEE Institute of Electrical and Electronics Engineers Inc.

IETF Internet Engineering Task Force

ISO International Organization for Standardisation

ILO International Labour Organisation

LOM Learning Object Metadata (usually used in "IEEE LOM")

LTSC IEEE Learning Technology Standards Committee

OECD Organisation for Economic Co-operation and Development RFC Request for Comment (usually used in "IETF RFC xxxx")

SCORM Shareable Content Object Reference Model UDC Universal Decimal Classification Scheme

VDEX IMS Vocabulary Definition Exchange Specification

VET Vocational Education and Training
W3C World Wide Web Consortium
XML Extensible Mark-up Language

XVD Exchange of Vocabulary Definition Specification (this specification)



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