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S.R. CWA 15903:2009

# Metadata for Learning Opportunities (MLO) - Advertising

## S.R. CWA 15903:2009

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English version

## Metadata for Learning Opportunities (MLO) - Advertising

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## **Foreword**

The MLO work has as its background in the identified need to harmonise different specifications around Europe for describing and exchanging information about courses, elearning offerings, and learning opportunities.

This project was initiated by Norway and had its basis in the Norwegian CDM (Course Description Metadata) work. The CDM specification has been adopted by French universities with some modifications in a project co-ordinated by the French Ministry of Education. In Sweden they used EMIL (Education Information Markup Language), in Germany DIN published (December 2006) the specification PAS 1068 developed in consensus by its DIN-workshop, and the UK had developed XCRI (eXchanging Course-Related Information) into a much used service. In 2004 a project was proposed by the CEN/ISSS WS-LT for harmonisation of the existing specifications and to identify needs and use cases by other countries. As a number of experts and national interests found this a serious market demand, a group of experts in the field set out to do this work on a voluntary unpaid basis.

The group that set out to develop a set of standards on MLO consists of 21 experts from 12 countries and vendors within Europe.

This group has performed the work by regularly on line meetings and physical meetings co located with the CEN WS-LT meetings. To collaborate and develop this document a wiki hosted by Teria AS has been used.

The work has been led by Erlend Øverby from Hypatia AS, Norway. Other experts contributing to the work has been: Scott Wilson (UK, JISC-Cetis), Mark Stubbs (UK, MMU), Kristina Unverricht (Germany, User council of DIN), Marc Van Collie (France, EifEL), Christian M. Stracke (Germany, Vice-Chair CEN TC 353), Ola Berge (Norway, NSSL), Paul Bessems (Netherland, IBLC), Andy Heath (UK, Axelrod consulting), Peter Karlberg (Sweden, MSU), Leopold Kause (Switzerland, UBS AG), Simone Ravaoli (Italy, KION), Sandro Cacciamani (Italy, KION), Cleo Sgouropoulou (Greece, ELOT), Gérard Vidal (France, ENS Lyon), Geir Vangen (Norway, USIT/UiO), Are Rikardsen (Norway, Utdanning.no), Jan Pawlowski (Finland, Chair of CEN/ISSS WS-LT), Tore Hoel (Norway, Vice Chair of CEN/ISSS WS-LT), Mike Collett (UK, Chair CEN TC 353), Linda Feng (Oracle/IMS Enterprise2).

The production of this CEN Workshop Agreement (CWA) specifying the Metadata for Learning Opportunities (MLO) – Advertising, was discussed at the meeting of Workshop Learning Technologies on 13 October 2008 in Louvain and was approved following an electronic process, which finished on 7 November 2008.

A list of companies, which have supported the document's contents, is available from the CEN Management Centre on request.

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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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