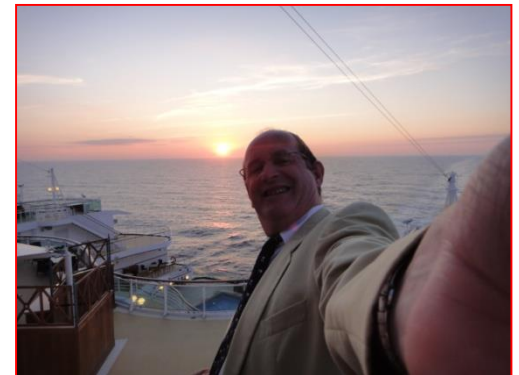


DentCPD - the project

Professor Jonathan Cowpe
Wales Postgraduate Deanery
Cardiff University

Back in 2009

- January – LLL information day – Brussels
- Build on success of DentEd programmes
- Move into the area of Postgraduate Education
 - Launching of the e-form
 - Template for submission February 2010
 - Notification September 2010
 - Approval for two year project commencing October 2010



Dent CPD – The Team

Cardiff University,

Jon Cowpe, Alison Bullock, Hannah Thomas, Sarah Bailey, Emma Barnes, Richard Thomas, Suzanne Phillips

UK

National and Kapodistrian University of Athens,

Argyro Kavadella, Anastasia Kossioni, Kostas Tsiklakis

Greece

University of Helsinki,

Terhi Karaharju-Suvanto, Kimmo Suomalainen

Finland

Academic Centre for Dentistry (ACTA), Amsterdam,

Henk Kersten, Eva Povel

Netherlands

Rīga Stradiņš University,

Una Soboleva, Andra Liepa, Ilze Akota

Latvia

Association for Dental Education in Europe (ADEE), Dublin, Ireland

Majella Giles, Damien Walmsley

Significant input to surveys and by attendees at SIGs held at ADEE 2010, 2011, 2012

Europe – CPD?



**Harmonization & Standardization
of
Continuing Professional Development for Graduate Dentists**

Dent CPD - Outputs

- **Inventory** by literature & internet search, survey & consensus methods
 - existing CPD programs & providers;
 - agreement on core components; identification of best practice.
- **Guidelines** - organization, quality management & assurance of CPD programs.
- **Guidelines for delivery of competence-based CPD modules**
- **Core topic, exemplar teaching module.**
- **Dental CPD Reference Manual**
- Eur J of Dent Ed, Supplement

Dent CPD - Impact

- This project aimed to
 - **modernise the strategic role** of dental schools in HEIs in the quality management and provision of CPD and
 - **develop cooperation** between universities and other professional stakeholders in the delivery of CPD.

Dent CPD - Impact

- EU-wide recognition of CPD activities should
 - promote the **freedom of movement** for all graduate dentists in Europe, which can
 - support systems of **revalidation**, to the ultimate benefit of patient safety.

Dent CPD - Impact

- Standardization and harmonisation of CPD
 - Facilitate the recognition of each others CPD activities,
 - promoting opportunities for EU graduate dentists to live and work anywhere in the EU,
 - in turn, supporting the provision of a high quality clinical service for their patients.

Inventory

- Literature & Internet Search
- Global Survey of Dental CPD
- Consensus on Core topics of Dental CPD

Inventory – 3 publications

European Journal of Dental Education ISSN 1396-5883

A review of continuing professional development for dentists in Europe

E. Barnes¹, A. D. Bullock², S. E. R. Bailey³, J. G. Cowpe⁴ and T. Karaharju-Suunto⁵

¹ School of Postgraduate Medical and Dental Education, Cardiff University, University Dental Hospital and School, Heath Park, Cardiff, UK,
² Cardiff Unit for Research and Evaluation in Medical and Dental Education (CUREMDE), School of Social Science, Cardiff University, Glamorgan Building, Cardiff, UK,
³ Institute of Dentistry, University of Helsinki, Helsinki, Finland

Keywords
continuing professional development;
continuing education; dentistry.

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Accepted: 5 January 2012

doi:10.1111/j.1600-0579.2012.00717.x

Abstract

Aim: To summarise findings from a literature review of dentists' engagement in continuing professional development (CPD) and its effects on improving oral health care for patients.

Method: The search strategy used key terms in a range of databases and an academic literature search engine, complemented by hand searching and citation follow-up.

Results: One hundred and fourteen papers were reviewed. The majority of dentists engaged in CPD. Factors affecting participation included time since graduation, costs, work and home commitments, postgraduate qualification, interest and awareness. Learning needs identification and reflection on practice were rarely evidenced. Common modes of CPD were courses and journal reading; no one delivery method proved more effective. Few papers directly explored recommendations for topics although suggestions related to common areas of error and gaps in knowledge or skill. Studies of CPD effectiveness and impact-on-practice suggested that courses can result in widespread new learning and considerable self-reported change in practice. However, significant barriers to implementing change in workplace practice were noted and included availability of materials, resources and support from colleagues.

Conclusion: To ensure high standards of care, alongside recommending core or mandatory topics, more attention should be given to reflection on learning needs, the learner's readiness to engage with education and training and the influence of the workplace environment.

Introduction

Key competencies required of the new dental graduate and a European perspective on the quality assurance of undergraduate education have been established (1). In the context of changing patterns of oral health needs (2), an increasingly wide range of health issues (3) and higher patient expectations (4-6), practitioners need to develop a wider knowledge base than that which can be provided by undergraduate training alone (6-10). Continuing professional development (CPD) is the mechanism by which dental practitioners develop their skills and knowledge and maintain up-to-date practice. Definitions of CPD

(11-14) draw attention to the career-long importance of CPD and its value for patient care.

Although rules about the required amount and content of CPD vary across the European Union (EU) (15-17), there is evidence of a worldwide trend towards mandatory CPD (5, 8, 18-21). The need to update clinical skills and integrate new developments into patient care is an accepted part of professional practice and increasingly related to continued registration (22, 23). However, differences in CPD requirements mean that patients are likely to be subject to different standards of oral health care depending on where they live, or travel to, within the EU (24). This paper presents a summary of the findings

European Journal of Dental Education ISSN 1396-5883

Continuing professional development systems and requirements for graduate dentists in the EU: survey results from the DentCPD project

A. Bullock¹, S. Bailey², J. Cowpe³, E. Barnes⁴, H. Thomas⁵, R. Thomas⁶, A. Kavarella⁷, A. Kossioni⁸, T. Karaharju-Suunto⁹, K. Suomalainen¹⁰, H. Kersten¹¹, E. Povel¹², M. Giles¹³, A. D. Walmsey¹⁴, U. Soboleva¹⁵, A. Liepa¹⁶ and I. Akota¹⁷

¹ School of Social Sciences, Cardiff University, Cardiff, UK,
² Peninsula Medical School, Child Health Group (Pen-CH), Exeter, UK,
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⁵ Institute of Dentistry, The University of Helsinki, Helsinki, Finland,
⁶ Academic Centre for Dentistry, Amsterdam, The Netherlands,
⁷ Association for Dental Education, Dublin, Ireland,
⁸ Dental School, University of Birmingham, Birmingham, UK,
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¹⁰ Dental School, Cardiff University, Cardiff, UK

Keywords
continuing professional development;
continuing dental education; European
harmonisation.

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Accepted: 15 May 2012

doi: 10.1111/j.1600-0579.2012.00764.x

Abstract

Introduction: By maintaining skills and keeping dentists up-to-date, continuing professional development (CPD) supports safe clinical practice. However, CPD for dentists across Europe is not harmonised.

Aim: One aim of the 'DentCPD' project (www.dentcpd.org) was to identify and agree essential CPD requirements for EU dentists. As part of the process, data were collected on existing approaches to CPD for EU dentists. This paper reports those findings.

Methods: Informed by a review of the literature and internet search, the CPD for Graduate Dentists questionnaire gathered data from dental education on CPD systems, requirements, provision and accreditation in Europe. It sought opinions on mandatory CPD and e-learning.

Results: Responses were received from 143 individuals from 30 EU countries. About half the countries had a compulsory CPD system which typically included mandatory core topics. Elsewhere CPD was optional or based on recommended hours. University dental schools and professional dental associations were the most common CPD providers. National regulatory bodies were the most common accrediting body. Only 41% of respondents thought they knew the criteria for successful accreditation of CPD. Eighty-one percent agreed that 'CPD should be obligatory for all dentists'.

Conclusion: These results present an overview of the status of CPD for EU dentists. Despite a notable trend towards regulated CPD systems, current requirements for dentists to engage in CPD show variation. The harmonisation of requirements would enhance both dentist mobility and safe clinical practice.

European Journal of Dental Education

European Journal of
Dental Education



Core continuing professional development (CPD) topics for the European dentist

Journal:	<i>European Journal of Dental Education</i>
Manuscript ID:	EJE-12-0837.R1
Manuscript Type:	Original Article
Date Submitted by the Author:	14-May-2012
Complete List of Authors:	Bailey, Sarah; Cardiff University, School of Social Sciences Bullock, Alison; Cardiff University, School of Social Sciences Cowpe, Jonathan; Cardiff University, School of Postgraduate Medical and Dental Education Barnes, Emma; Cardiff University, School of Postgraduate Medical and Dental Education Thomas, Hannah; Cardiff University, School of Postgraduate Medical and Dental Education Thomas, Richard; Cardiff University, School of Postgraduate Medical and Dental Education Kavarella, Arvino; University of Athens, School of Dentistry Kossioni, Anastasia; University of Athens, School of Dentistry Karaharju-Suunto, Terhi; University of Helsinki, Institute of Dentistry Suomalainen, Kimmo; University of Helsinki, Institute of Dentistry Kersten, Henk; ACTA, Education Povel, Eva; ACTA, Education Giles, Matella; Association for Dental Education, Walmsey, Anthony; University of Birmingham, School of Dentistry Soboleva, Una; Riga Stradins University, Faculty of Dentistry Liepa, Andra; Cardiff University, Dental School Akota, Isai; Riga Stradins University, Faculty of Dentistry
Keywords:	continuing professional development, continuing dental education, European harmonisation

SCHOLARONE[®]
Manuscripts

Inventory - publications

- **A review of continuing professional development for dentists in Europe.**
 - Barnes E, Bullock AD, Bailey SER, Cowpe JG, Karaharju-Suvanto T. Eur J Dent Educ. 6 FEB 2012: DOI: 10.1111/j.1600-0579.2012.00737.x.
- **Continuing professional development systems and requirements for graduate dentists in the EU: survey results from the DentCPD project.**
 - Bullock A, Bailey S, Cowpe J, Barnes E, Thomas H, Thomas R, Kavadella A, Kossioni A, Karaharju-Suvanto T, Suomalainen K, Kersten H, Povel E, Giles M, Walmsley D, Soboleva U, Liepa A, Akota, I. In press, 2012.
- **Core continuing professional development (CPD) topics for the European dentist.**
 - Bailey S, Bullock A, Cowpe J, Barnes E, Thomas H, Thomas R, Kavadella A, Kossioni A, Karaharju-Suvanto T, Suomalainen K, Kersten H, Povel E, Giles M, Walmsley D, Soboleva U, Liepa A, Akota, I. Eur J Dent Educ. In press, 2012.
- **Harmonisation & Standardisation of European Dental Schools' Programmes of Continuing Professional Development for Graduate Dentists – DentCPD**
 - Cowpe J, Bailey S, Bullock A, Barnes E, Thomas H, Thomas R, Kavadella A, Kossioni A, Karaharju-Suvanto T, Suomalainen K, Kersten H, Povel E, Giles M, Walmsley D, Soboleva U, Liepa A, Akota, I. A.3. 3-7- Understanding Bologna in context A 3.3-7. The recognition of professional qualifications linking the Bologna process and other European processes. EHEA 1-26 <http://www.ehea.europa.eu/unit.ac.uk/> http://www.ehea-journal.eu/index.php?option=com_steckbriefe&task=view&contact_id=249&Itemid=143, 2011

Guidelines for CPD for Dental Graduates

- Based on the Inventory
- Publication submitted
- Discussion at SIG
– ADEE 2012

Guidelines for the organization of dental CPD

Guidelines for the Organization of Continuing Professional Development (CPD) Activities for the European Dentist

Terhi Karaharju-Suunto¹, Kimmo Suomalainen¹, Sarah Bailey², Alison Bullock³, Jon Cowpe⁴, Emma Barnes⁵, Hannah Thomas⁶, Richard Thomas⁶, Argyro Kavadiola⁷, Anastasia Kossioni⁸, Henk Kersten⁹, Eva Povel¹⁰, Majella Giles⁷, Damien Walmsley⁷, Una Soboleva⁹, Andra Liepa¹⁰ & Iza Akota⁸

¹ University of Helsinki, Institute of Dentistry

² Peninsula Medical School, Child Health Group (PencRU) [formerly at ¹]

³ Cardiff University School of Social Sciences

⁴ Cardiff University School of Postgraduate Medical and Dental Education

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⁶ Academic Centre for Dentistry, Amsterdam

⁷ Association for Dental Education in Europe,

⁸ University of Birmingham, Dental School

⁹ Riga Stradins University, Faculty of Dentistry

¹⁰ Cardiff University, Dental School

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P.O. Box 41
FI-00014 University of Helsinki
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Running title: Guidelines for the organization of dental CPD

Key words: continuing education, continuing professional development, dentistry, university, dental school, patient safety, quality control, ECTS

Guidelines for Delivery of Competence-based CPD modules

- Discussion at SIG, ADEE 2012
- To be used in parallel with core topic exemplar module

Core Topic, Exemplar Teaching Module.

- Introduction
- Educational aims & expected outcomes
- Protection measures prior to beginning work
- Hand washing
- Gloves
- Mask and glasses
- Dental clothing & Surface coverings
- Sterilization of dental instruments
- Sterilization of handpieces and burs
- Impressions for the Lab
- Accident and exposure to infected material- Post exposure prophylaxis (PEP)
- Protection measures after ending work

Introduction

Sterilization and cross-infection control is a core compulsory or recommended dental [CPD](#), topic in most European countries.

The e-module available here has been developed by the Dent CPD project to serve as an exemplar module for the continuing education of European dentists.

Users

This e-module is intended for dental professionals, dental hygienists and auxiliary staff working in a dental health care facility.

Reading Instructions

- The menu on the left includes different topics of the sterilization procedures in a dental office/health care centre
- The topics can be read sequentially or in random order
- The frame on right include links to related information
- Users are encouraged to perform the self-assessment quizzes to test their knowledge acquisition
- You can click on the images to enlarge them
- All prevention measures indicated in this module reflect the present scientific data on the subject. They may be amended in the future, according to the future evidence-based scientific data

Related Information

Related sites:

- [FDI](#)
- [CDC](#)
- [Hepnet](#)

Related documents:

- [View documents](#)

Make a copy



Dissemination

Exploitation

Sustainability

- **Dental CPD Reference Manual**
- Eur J of Dent Ed, Supplement, **publication**
- **Poster presentations, Verbal presentations,**
– locally, nationally and internationally
- **ADEE, European and International meetings**

DentCPD website



[Home](#) | [Objectives & Outcomes](#) | [Timeline](#) ▾ | [Project Partners](#) | [WorkPackages & Deliverables](#) ▾ | [Project Team Area](#) | [Contact](#)

Welcome to DentCPD

Introduction and Aims

DentCPD is a two year European project entitled '*Harmonisation and standardisation of European Dental Schools programs of continuing professional development for graduate dentists*'. This project aims to identify agreed essential CPD requirements of an EU graduate dentist and provide guidelines for the management and delivery of high quality CPD by European dental schools.

The project, initiated by the Association for Dental Education in Europe - ADEE is co funded by the EU under the Lifelong Learning Programme, Erasmus sub-programme, '*Modernisation of higher education*'. The project which began on October 2010 will end in September 2012.

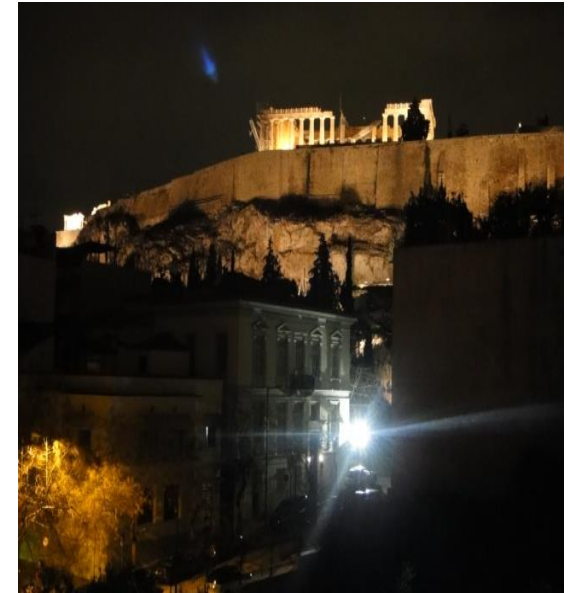
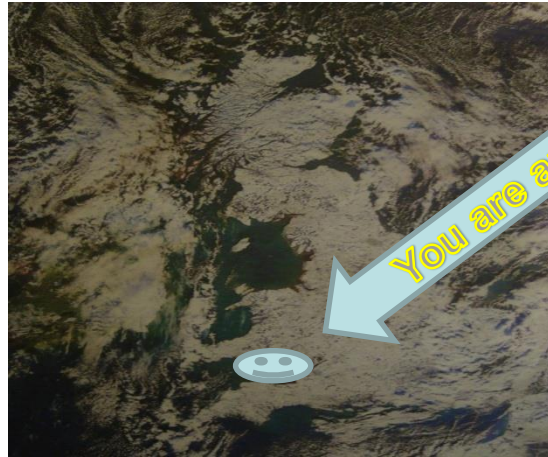
Project Rationale

Continuing Professional Development (CPD) is essential to the maintenance of dentists' knowledge and skills, underpinning safe clinical practice. In the context of free movement, EU-citizens need assurance that dental practitioners have a license to practice that meets EU-standards. There is a need for harmonisation of CPD across the EU, supporting the safe management of patients and promoting mobility of practitioners. Currently, dental CPD is provided by a range of bodies and the quality of courses is variable and unregulated. EU Dental schools have a strategic role to play and this innovative CPD project, which is the first of its kind in the global educational arena, will support the modernisation of their role in postgraduate education.





January 2011 - Cardiff
January 2012 - Athens



Task Group and SIGs Antalya – ADEE 2011

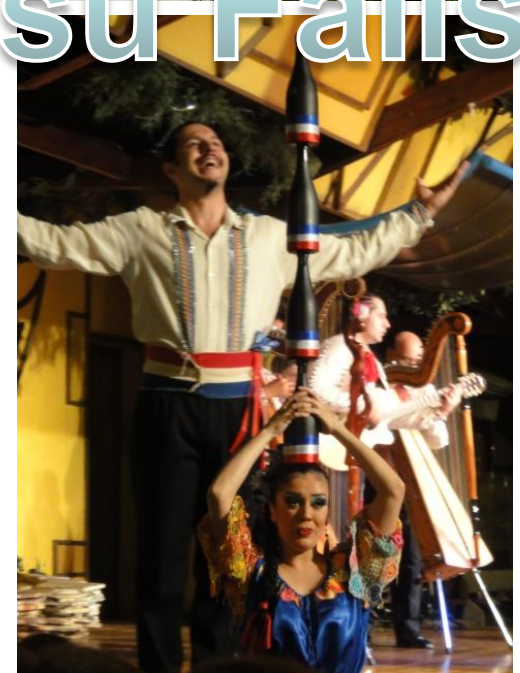


European/South American Dental Postgraduate Conference





San Diego Iguassu Falls



Quality Assurance - Progress Reports



Project Title:

Harmonisation & Standardization of European Dental Schools' Programs of Continuing Professional Development for Graduate Dentists

Project Number:

509961-LLP-1-2010-1-UK-ERASMUS-EMHE

Grant Agreement:

2010 – 3317 / 001 - 001

Sub-programme or KA:

not applicable



Progress Report

Confidential

Project number – 509961-LLP-1-2010-1-UK-ERASMUS-EMHE



Project Title

Harmonisation & Standardization of European Dental Schools' Programs of Continuing Professional Development for Graduate Dentists

Project Number

509961-LLP-1-2010-1-UK-ERASMUS-EMHE

Grant Agreement

2010-3317/001-001

Sub-programme or KA

Not applicable



Progress Report

Public Part

509961-LLP-1-2010-1-UK-ERASMUS-EMHE

Progress report approval



Education, Audiovisual and Culture Executive Agency

Unit P2 Lifelong Learning : Erasmus, Jean Monnet

07.12.2011

Brussels,
EACEA/P2/MH/YB (11D036574)

CARDIFF UNIVERSITY
SCOTT Allin
Newport Road 30-36
UK - CF24 ODE CARDIFF

Subject : Approval of Progress Report
Agreement N°: 509961-LLP-1-2010-1-UK-ERASMUS-EMHE (2010-3317)

Dear Mr Scott,

I am pleased to inform you that the Progress Report of the above mentioned project has been approved by the Education, Audiovisual and Culture Executive Agency (EACEA).

The assessment of the report was supported by the expertise of an external expert. Enclosed you will find the expert's comments and recommendations (Annex 1). Please, keep in mind that during the evaluation of your Final Report, it will also be assessed to what extent you have incorporated the recommendations made concerning the project implementation.

As mentioned in article II.15.3 of the Grant Agreement, the approval of the Progress Report does not imply a confirmation of the eligibility of expenditures declared in the financial reporting tables. A complete financial analysis on the eligibility of these expenditures will be made at the *final report stage* only. Nevertheless, we have had a look at your financial reporting tables and would like to invite you to take our comments (Annex 2) into consideration for the final implementation and reporting for your project.

If you have sent a request for an amendment with your Progress Report, we will reply to it separately. Approval of your Progress Report does not imply that a request for an amendment has been accepted.

Please, do not hesitate to contact Ms Misia Coghlan, Project Manager, (Tel.: +32 22957309 e-mail: Maria.coghlan@ec.europa.eu) should you have any further inquiries in this respect.

Yours sincerely,



Mónica HOLIK
Head of Unit

Annex 1: Progress Report Recommendations
Annex 2: Financial Reporting Table Comments

Copy: Jonathan Cowpe
Cardiff University
UK-CF141XY Cardiff

Education, Audiovisual and Culture Executive Agency
Avenue du Bourget 1, BE-1140 Brussels
Office: BOU2 03/97 Telephone: direct line (32-2) 29 67717 Fax: (32-2) 29 21326.
<http://ec.europa.eu> E-mail: eacea-cooperationus@ec.europa.eu

 **Approved !**

 **Invite
comments
on Annex 2**

Progress report approval

EACEA – Annex 1

LLP Progress Report Assessment Sheet

509961-LLP-2010-1-UK-Erasmus-EMHE

/10

- Objectives, results and products 10
- Coherence between work plan and activities carried out to date 7
- Partnership 8
- Management 8
- Financial management 9
- Evaluation and/or quality assurance 7
- Dissemination 6

Overall Score 8/10

Progress report approval

Supplementary information to be submitted

Supplementary information required from the project to allow for a complete Progress Report analysis:

none

Overall evaluation

Overall comment:

well managed project on its path to successful fulfilling the stipulated goals.

Strong points:

management, quality of the outputs

Weak points:

sustainability of the project, missing website

Summary scoring sheet for Progress Report

Criterion	Score
1 Objectives, results and products	10
2 Coherence between work plan and activities carried out during life of the project	7
3 Partnership	8
4 Project Management	8
5 Financial Management	9
6 Evaluation	7
7 Dissemination	6

Your global score is:

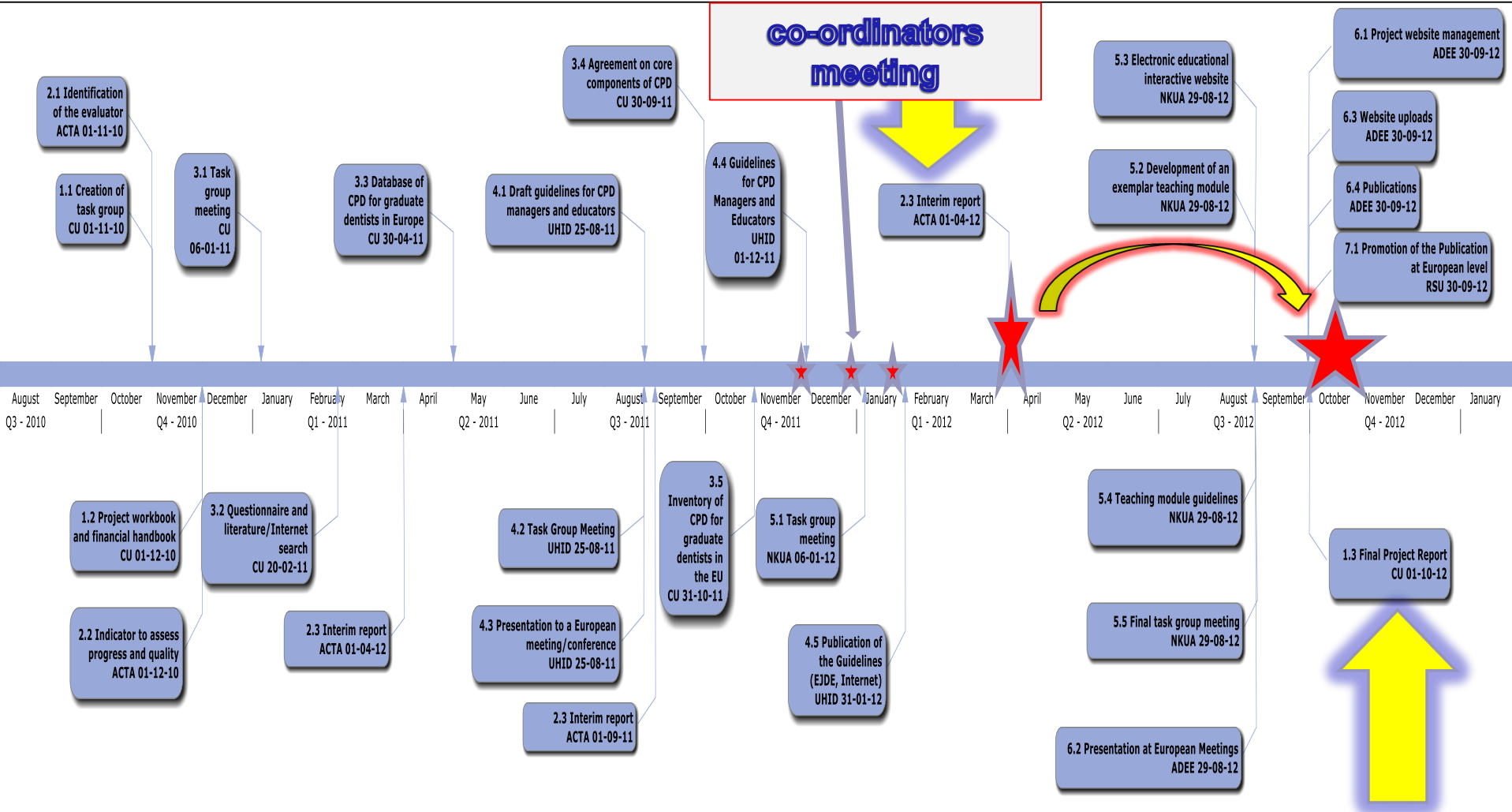
8 / 10

80%

KEY TO THE SCORING SYSTEM

Score	Definition	Description of score
0	No evidence	Fails to include a minimum amount of evidence to enable the criterion to be evaluated
1 or 2	Very weak	Addresses the criterion but with significant and/or many weaknesses
3 or 4	Weak	Addresses the criterion but with weaknesses
5 or 6	Acceptable	Addresses the criterion sufficiently
7 or 8	Good	Addresses the criterion with some aspects of high quality
9 or 10	Very good	Addresses the criterion with all aspects of high quality
X	Not applicable	Activity of the criterion was not planned for the evaluated period of

Timelines



Progress report approval

CO-ORDINATORS
MEETING
FEEDBACK
FEEDBACK

One of only two
presentations to the assembly

Key Activity 4



Form version : 3.2.1 EN Adobe Reader version : 9.5

Lifelong Learning Programme

Application Form Lifelong Learning Programme

Before you begin completing this eForm:

- Try the test eForm. This is a very brief eForm to help you become familiar with how the fields and tables work and to test that your software and internet connection allow an application to be submitted.

- Check that you have the latest available version of the eForm. In the event of a significant eForm problem arising, the Agency may decide to publish an updated i.e. corrected version of the eForm. Please check to see if a later version is available and to see details of any problems that have arisen and their impact.

Click on the following link to go to the webpage to try the test eForm and to check for the latest version of the eForm:

http://eacea.ec.europa.eu/eforms/index_en.php

Programme

LIFELONG LEARNING PROGRAMME Centralized

Sub-programme * :

DISSEMINATION AND EXPLOITATION OF RESULTS, AND EXCHANGE OF GOOD PRACTICE (K

Call for proposals

EAC/27/11

Action * :

KA4 Multilateral projects

Sub-action * :

N/A

Deadline for submission

01/03/2012 12:00 midday (Brussels time)

Project title * :

Developing a strategic approach to the provision of continuing dental education by European Dental Schools, through implementation and evaluation of educational e-modules

Project acronym * :

Dent-ce

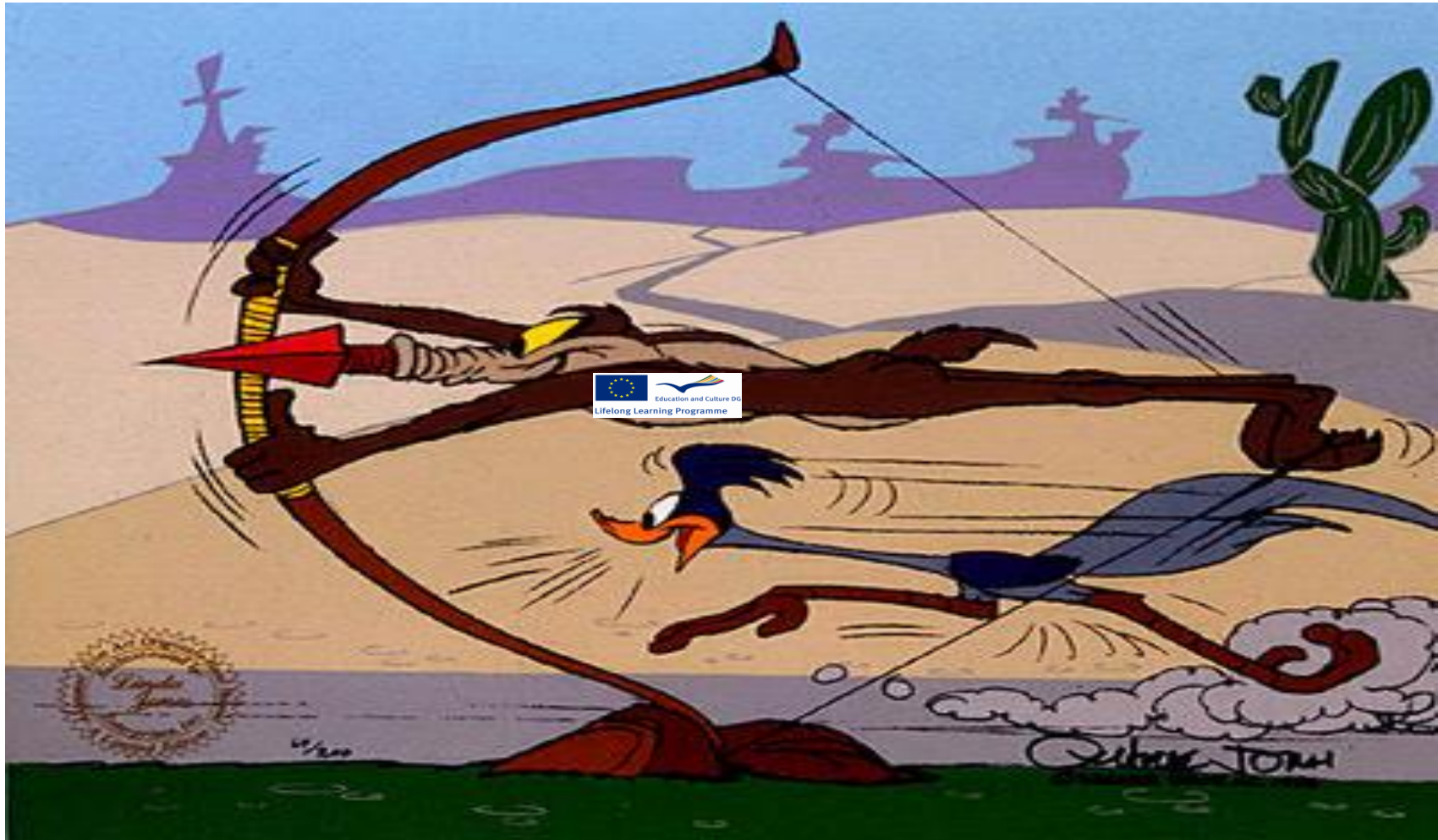
Language used to complete the form * :

English

YOU MUST COMPLETE ALL FIELDS ON THIS FIRST PAGE BEFORE COMPLETING ANY OTHER PARTS OF THE FORM. SELECTIONS YOU MAKE ON THIS FIRST PAGE, DICTATE THE APPEARANCE AND BEHAVIOUR OF THE REST OF THE FORM.

Key areas

Management, Dissemination, Quality Assurance
SUSTAINABILITY



There can be new horizons every day

flexibility

enthusiasm

staying power

motivation

enjoyment



frustration

satisfaction

Thanks to the various torchbearers contribution to the project





Education, Audiovisual and Culture Executive Agency Lifelong Learning: Erasmus

**PROJECT NUMBER – 509961-LLP-1-2010-1-UK-ERASMUS-EMHE
AGREEMENT NUMBER - 2010 - 3317 / 001 - 001**

Harmonization & Standardization of European Dental Schools' Programs of Continuing Professional Development for Graduate Dentists

£300K – 2 years duration