



# Promoting Quality Assurance and Accreditation of Dental Workforce Educational Activities

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**ADEE Annual Conference: Vilnius, Lithuania**

Learning together to improve oral health and quality of life  
23-25 August 2017

## Project Partners

### Partner Institutions

There are six partner institutions:

- **Cardiff University** Dental School, U.K. - Main applicant and Coordinator.  
Representatives: Jon Cowpe and Alison Bullock
- **Athens University** School of Dentistry, Greece  
Representatives: Argyro Kavadella and Anastasia Kossioni
- **Helsinki University** Institute of Dentistry, Finland  
Representatives: Terhi Karaharju-Suvanto and Kimmo Suomalainen
- **ACTA**, Amsterdam, The Netherlands  
Representatives: Henk Kersten and Eva Povel
- **Rīga Stradiņš University** Dental School, Latvia  
Representatives: Una Soboleva, Iize Akota and Andra Liepa
- **ADEE** - Association for Dental Education in Europe  
Representatives: Damien Walmsley and Majella Giles

### People



Jon Cowpe



Alison Bullock



Argyro Kavadella



Anastasia Kossioni



Terhi Karaharju-Suvanto



Kimmo Suomalainen



Henk Kersten



Eva Povel



Una Soboleva



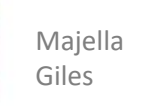
Iize Akota



Andra Leipa



Damien Walmsley



Majella Giles



# Europe – CPD?



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

**Review**

**Inventory 3 publications**

**survey**

**Core Topics**

## Guidelines for CPD for Dental Graduates

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

## Core Topic, Exemplar Teaching Module.

### Sterilization and cross-infection control in the dental practice

**Introduction**

Sterilization and cross-infection control is a core compulsory or recommended dental CPD topic in most European countries. This 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 includes 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

## Guidelines for Delivery of competence-based CPD modules

- Discussion at SIG, ADEE 2012
- Used in parallel with core topic exemplar module

### 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.europaunit.ac.uk/> [http://www.ehea-journal.eu/index.php?option=com\\_steckbriefe&task=view&contact\\_id=249&Itemid=143](http://www.ehea-journal.eu/index.php?option=com_steckbriefe&task=view&contact_id=249&Itemid=143), 2011

DentCPD website  
[www.dentcpd.org](http://www.dentcpd.org)

DentCPD Reference Manual  
<http://onlinelibrary.wiley.com/doi/10.1111/eje.2013.17.issue-s1/issuetoc>



**DentCPD**

Education and Culture DG  
Lifelong Learning Programme

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**

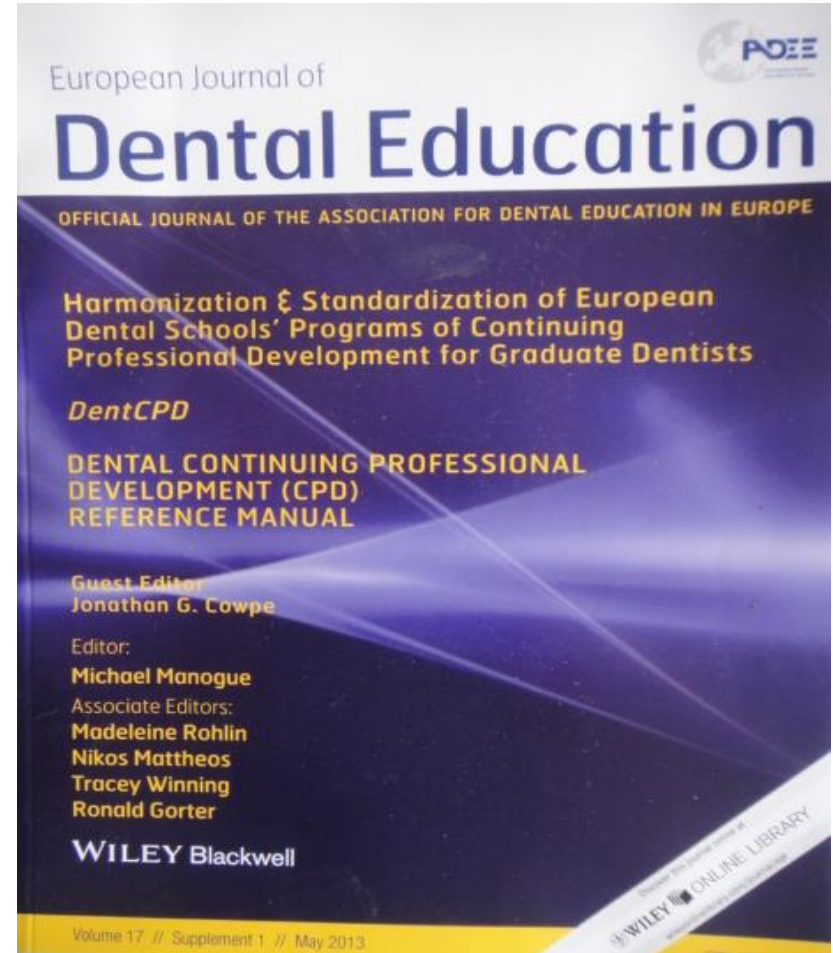
Continuing Professional Development (CPD) is essential to the maintenance of dentists' knowledge and skills, underpinning safe clinical practice. In the context of free movement, EU-citizens need assurance that dental practitioners have a license to practice that meets EU-standards. There is a need for 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.








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European Journal of  
**Dental Education**

OFFICIAL JOURNAL OF THE ASSOCIATION FOR DENTAL EDUCATION IN EUROPE

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

*DentCPD*

**DENTAL CONTINUING PROFESSIONAL DEVELOPMENT (CPD) REFERENCE MANUAL**

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Volume 17 // Supplement 1 // May 2013

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## Issues identified for further investigation

- Process for **accreditation and quality assurance of CPD activities**
- Development and utilisation of a **uniform pan-European system of learning credit points**
- **Evaluation of learning outcomes and application of acquired skills**
  - **do CPD activities improve everyday clinical practice?**

# QA Framework for Dental Workforce Development

## Standards for Dental Educators



# QA Framework for Dental Workforce Development



**‘QA Framework’** - range of Quality Criteria within Four Sections

## **1. Planning & Development**

- i. Educational Aims & Learning Objectives
- ii. Educational Design & Development

## **2. CPD Delivery**

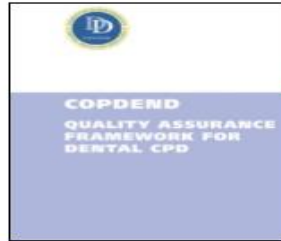
- i. Teachers & Trainers
- ii. Delivery Methods
- iii. Assessment of Participants’ Learning

## **3. CPD Evaluation**

## **4. CPD Administration**



# QA Framework for Dental Workforce Development



Two levels of quality are described within the framework: "Expected standard" and "Enhanced provision".

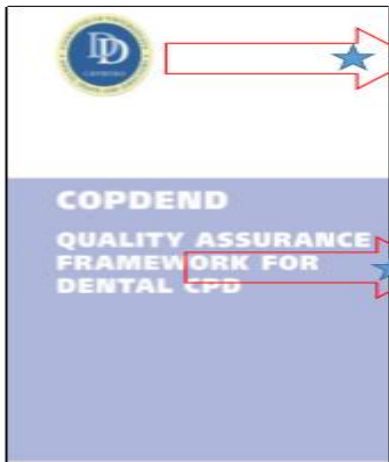
**Expected Standard**  
Describes the minimum required quality criteria considered appropriate to ensure effectiveness in terms of educational impact.

**Enhanced CPD**  
Describes enhanced provision that encompasses processes that demonstrate improvements in the quality of provision beyond the 'expected standard'. Activities are developed and delivered using evidence based educational strategies. CPD activities within this category have been shown through evaluation to lead to high levels of satisfaction from participants, and have a demonstrable positive educational impact on participants' practice and / or patient outcomes.

### 1. CPD PLANNING AND DEVELOPMENT

		Expected Standard	Enhanced Provision
1.1	<b>EDUCATIONAL AIMS AND LEARNING OUTCOMES</b>		
1.1.1	Clear and concise educational aims, objectives and learning outcomes are available for the CPD activity.	✓	✓
1.1.2	Educational aims, objectives and learning outcomes are published in advance and are easily accessible by potential participants of the CPD activity, so that the content and relevance of the activity can be considered before registering.	✓	✓
1.1.3	Educational objectives and learning outcomes are specific, measurable, achievable relevant and time-bound (SMART).	✓	✓
1.1.4	Participants have an opportunity to provide feedback regarding whether the educational aims, objectives and learning outcomes for the CPD activity has been achieved. (see also section 3)	✓	✓
1.1.5	Educational aims, objectives and learning outcomes are documented, e.g. on certificates provided for the CPD activity.	✓	✓
1.1.6	Educational aims, objectives and learning outcomes are written by an appropriate individual with subject-matter expertise, and reviewed by a third party with appropriate expertise, to ensure they are appropriate and relevant for the target audience.	✓	✓
1.1.7	Educational aims, objectives and learning outcomes for the CPD activity address an identified training need for the individual.	✓	✓
1.1.8	Educational aims, objectives and learning outcomes are reviewed (and if appropriate, revised) following evaluation of the CPD activity (including participants' feedback on their relevance).	✓	✓
1.1.9	The review of educational aims, objectives and learning outcomes are integrated into the providers' formal quality assurance and improvement strategy.	✓	✓

# QA Framework for Dental Workforce Development



### 3. CPD EVALUATION

		Expected Standard	Enhanced Provision
3.1	Structured feedback is obtained from individual participants following each CPD activity.	✓	✓
3.2	Participants are able to provide feedback anonymously.	✓	✓
3.3	Where appropriate, an audit to obtain feedback from participants on the CPD activity being evaluated, work system available for feedback from participants is used.	✓	✓
3.4	Feedback from participants is used regarding their satisfaction with the CPD activity in terms of educational and relevance, CPD quality of educational design and delivery, CPD resources, the ability to engage participants, CPD value for money, the absence of commercial bias or promotion.	✓	✓
3.5	Structured feedback from participants is requested regarding the perceived impact of the CPD activity, on future practice and / or patient care and outcomes.	✓	✓
3.6	Outcomes of CPD activities on the participant and / or their practice are monitored using appropriate methods, and the results of these previous evaluations of the activity are used to inform the design of the activity.	✓	✓
3.7	The longer term impact of CPD activities on the participant and / or practice is investigated through follow up evaluation where appropriate some period after the event.	✓	✓
3.8	Feedback from participants is routinely analysed in a systematic manner, and reviewed by all those responsible for the development and delivery of the CPD activity.	✓	✓
3.9	Participant feedback data is recorded and stored appropriately.	✓	✓
3.10	Comments by participants are considered by the provider and acted upon where appropriate on subsequent activities.	✓	✓
3.11	Participant feedback regarding CPD activities is analysed within a learning process that includes, but is not limited to, feedback loops to educational development.	✓	✓
3.12	Multiple sources of evidence are considered in the quality improvement process for CPD activities, including participant feedback, assessment results and needs analysis. Longitudinal data is considered for reasons that are reported periodically.	✓	✓
3.13	The provider has a published policy about managing complaints or concerns that is made available to potential participants.	✓	✓

### 4. CPD ADMINISTRATION

		Expected Standard	Enhanced Provision
4.1	Details of the CPD activity are published in advance and available to participants, including details of the activities, aims, learning objectives and anticipated outcomes. For self-teaching it is also for developer for online or printed CPD, literature and text.	✓	✓
4.2	Appropriate records are kept securely by the provider, including the number of verifiable CPD hours completed by participants, title, aims, objectives and learning outcomes of each CPD activity, and evaluation data.	✓	✓
4.3	Documentary evidence (e.g. CPD certificates) are provided to participants that demonstrate the completion of the activity, and the number of verifiable CPD hours.	✓	✓
4.4	Documentary evidence (e.g. CPD certificates) include a prompt for the CPD user to reflect on their learning and link this to their professional development plan.	✓	✓
4.5	The provider has a quality assurance policy for CPD activities, including transparent processes for quality improvement.	✓	✓
4.6	Internal quality reviews of provision are carried out at appropriate and regular intervals.	✓	✓
4.7	Quality assurance of CPD activities includes independent external reviews.	✓	✓
4.8	Continual improvements to CPD provision are documented.	✓	✓
4.9	All commercial interests on promotional support / promotion for the CPD activity are disclosed to participants in advance.	✓	✓
4.10	Educational content and commercial opportunities, support or promotion are kept completely separate.	✓	✓
4.11	The provider has a formal system of quality management related to CPD provision.	✓	✓
4.12	The learning experience (and feedback) are appropriate, supporting participant engagement and learning.	✓	✓



# Main Messages



- “*QA Framework for Dental Workforce Development*” provides a suitable measure of what one should expect of activities enhancing the continuing education of the dental workforce.
- It can be utilised by ‘CPD Users’ to measure the value of a CPD activity and by ‘CPD Providers’ to strengthen their portfolio of CPD activities.
- The aspiration is that this will promote mobility of dental professionals with appropriately quality assured records of their continuing education and development.



# standards for Dental Educators



## COPDEND Standards for Dental Educators

[www.copdend.org](http://www.copdend.org)



### Description and organisation of the Standards

The Professional Standards are divided into the core values and five core domains. Within the five domains, the core knowledge required of all dental educators has been set out.

Beyond the core values and core domain specific knowledge, the standards are arranged into two levels which broadly reflect the roles of dental educators (level one) and the strategic leaders and managers of dental education (level two).

Not all standards are relevant to all educators; rather the application of standards should reflect the individual educator's role. For example, for the DF1

trainer, the standards related to level one in the domains 'Teaching and Learning', 'Assessing the Learner' and 'Guidance for Personal and Professional Development' will be most relevant, together with some of the standards in level one of the 'Quality Assurance' domain. It is possible that some in an 'advisory' role (for example, training programme directors) might have some standards applicable at both levels one and two, depending on the relevance of the domain. However, all dental educators are expected to demonstrate that they understand and share the core values and core knowledge set out in the standards.

[http://www.copdend.org/data/files/Downloads/COPDEND\\_Standards%20high%20resolution.pdf](http://www.copdend.org/data/files/Downloads/COPDEND_Standards%20high%20resolution.pdf)

Pan European  
Framework for Accreditation  
Of  
F2F & e-Learning  
Educational Activities

# A PAN-EUROPEAN ACCREDITATION FRAMEWORK for the GRADUATE DENTIST

## CRITERIA to support ACCREDITATION of FACE-TO-FACE (F2F) EDUCATIONAL ACTIVITY(IES) (EdA(s))

### A PAN-EUROPEAN ACCREDITATION FRAMEWORK for the GRADUATE DENTIST

Essential Criteria for Accreditation of F2F Dental EdA(s) which contribute to CPD for graduate dentists - **debated at LLL SIG Barcelona 2016 Agreed 10.5.17**

#### A. Educational Objectives (Learning Outcomes)

The 'Provider' must clearly state in a readily-accessible manner:

1. that the EdA(s) has been prepared in order to fulfil stated educational needs, and indicate how this will be achieved.
2. the expected educational outcome(s) of the EdA(s).
3. and clearly define, the 'target audience' for whom the EdA(s) is most likely to be suitable.

#### B. Description of the Educational Activity (EdA)

The 'Provider' must clearly state in a readily accessible manner:

4. and clearly explain, in a brief summary, the 'content' of the EdA(s). This will include the title of the EdA(s) and the latest version of the programme, at the time of application.
5. information regarding the expected number of attendees/'Learners' and scheduled fees - if applicable.
6. that they respect and confirm how the privacy and confidentiality of the 'Learner' will be respected, and how they will make sure that any information provided by the 'Learner' will only be utilised for the specific purposes of completing the EdA(s).
7. the duration of the EdA(s) in order to fulfil the educational 'learning outcome'(s).
8. compliance of the EdA(s) with all relevant ethical, medico-legal and legal requirements.
9. the format of the EdA(s) – if it is: a. face to face b. workshop c. hands-on/simulation etc. d. conferences/symposium/meetings e. or 'other format'.

#### C. Content of the Educational Activity (EdA)

The 'Provider' must clearly state in a readily accessible manner:

10. that the 'content' of the EdA(s) is evidence-based and specify the level of evidence (where applicable), and suitable references.
11. how the EdA(s) will encourage the 'Learner' to employ methods of active, adult learning, including reflection on the impact of the EdA(s) to achieve the educational 'learning outcome'(s).
12. that the EdA(s) includes a means of confirming 'Learner' engagement, and achievement of the educational 'learning outcome'(s).
13. that the 'content' of the EdA(s) is free from any commercial or other forms of bias.
14. that the 'content' of the EdA(s) is free of any form of advertising.
15. that the 'content' of the EdA(s) is suitable for an international audience

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#### D. Details of the 'Provider'

The 'Provider' must clearly state in a readily accessible manner:

16. a short description of the 'Provider' organisation.
17. the names and qualifications of the individual(s) involved in preparing the EdA(s).
18. the name and title of the educator/registered practitioner who will take responsibility for the EdA 'content'.
19. the provision of a full declaration of actual or potential conflict of interest of the individual(s) involved in preparing the content of the EdA(s) and/or responsible for the EdA(s) (including conferences/scientific meetings).
20. a declaration and statement of the source of all funding provided for the preparation of the EdA(s).

#### E. Quality Assurance by the 'Provider'

The 'Provider' must clearly state in a readily accessible manner:

21. confirmation that they have applied their own 'quality assurance process' to the EdA(s) prior to application to the ADEE for accreditation. Details should be provided
22. that they provide a reliable and effective means for the 'Learner' to provide feedback on the EdA(s). The 'Provider' must make available, to the ADEE, a report on this feedback and on its responses to the feedback.
23. evidence of an evaluation record for previous or on-going modules/courses/programmes is satisfactory. If this is not the case, the 'Provider' must specify how the reasons for unsatisfactory ratings have been addressed.

# ADEE APPLICATION FORM

## FOR THE ACCREDITATION OF FACE-TO-FACE (F2F) EDUCATIONAL ACTIVITIES (EDA)

ADEE APPLICATION FORM  
FOR THE ACCREDITATION OF FACE-TO-FACE (F2F)  
EDUCATIONAL ACTIVITIES (EDA)  
PAN-EUROPEAN ACCREDITATION FRAMEWORK FOR GRADUATE DENTISTS

Title of the Educational Activity (EdA)	
Nature of the EdA	<input type="checkbox"/> STUD <input type="checkbox"/> hand <input type="checkbox"/> confe <input type="checkbox"/> work <input type="checkbox"/> Other
Brief description of the EdA – 250 words maximum	
Provider	
Contact person	
e-Mail	
Telephone	
Address	
Invoicing information	
e-Mail	
Telephone	
Address	
VAT number	
Please specify whether you are:	
- EU registered	
- EU not registered	
- EU exempt	
- Non-EU	
Start date	
End date	
Main language of the EdA	
Translations available into	

### ESSENTIAL CRITERIA

#### A. Educational Objectives (Learning Outcomes) fulfilment of the Learning Needs

The 'Provider' must clearly state in a readily accessible manner:

<p><b>1. that the EdA(s) has been prepared in order to fulfil stated educational needs, and indicate how this will be achieved.</b>  <i>This confirmation should demonstrate that a "needs assessment" process has been performed and that these educational needs have been defined, and how the educational needs will be fulfilled through this EdA(s).</i></p> <p>Open response box:</p>
<p><b>2. the expected educational learning outcome(s) of the EdA(s).</b>  <i>These must be explained in terms of the knowledge, skills, attitudinal or behavioural, or ethical lessons that can be learned, and whether these are clinical or non-clinical and how/where it is likely to benefit a professional's practice.</i></p> <p>Open response box:</p>
<p><b>3. and clearly define the "target audience" for whom the EdA(s) is most likely to be suitable.</b>  <i>This must be explained in terms of the topic(s)/specialty(s) and seniority/role of the dental professional (dentists/allied dental professional etc.) - henceforth referred to as the "Learner" most likely to benefit.</i></p> <p>Open response box:</p>

# Main Message

## CPD Accreditation Framework

- provides an opportunity for ADEE, acting as the recognised European dental educational organisation, to accredit a range of F2F & e-Learning dental CPD EdAs.

ASSOCIATION FOR DENTAL EDUCATION IN EUROPE  
*Learning together to improve oral health and quality of life*

### ADEE Platinum Peer Review

ADEE is the only pan-European association dedicated to representing academic dentistry and the community of dental educators. Since our inception in 1975, through the dedication of our membership, we have directed and overseen huge advances in the field of academic dentistry.

ADEE relies heavily on the support of our Partners to enable our activities on an operational and strategic level. ADEE very much appreciates our PLATINUM partners support as they are a key provider of funding for ADEE activities. ADEE is aware of the challenges faced by our corporate partners as they respond to increasing demands for transparency and accountability within their philanthropic, sponsorship and membership activities. ADEE understands the need to demonstrate a return for such support that is appropriate and tailored to the particular organisation.

ADEE has therefore devised a new benefit to ADEE PLATINUM Partnership (Corporate Membership), the ADEE PLATINUM Peer review programme.



# *Dissemination*

# *Exploitation*

# *Sustainability*

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





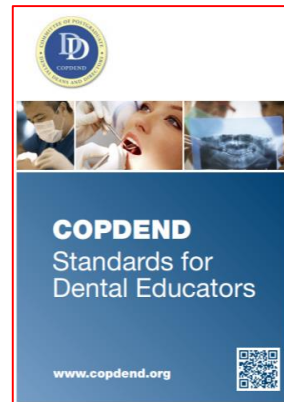
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<http://www.copdend.org/data/files/Downloads/Quality%20Assurance%20Framework%20for%20Dental%20Workforce%202016.pdf>



[http://www.copdend.org/data/files/Downloads/COPDEND\\_Standards%20high%20resolution.pdf](http://www.copdend.org/data/files/Downloads/COPDEND_Standards%20high%20resolution.pdf)



**Special Issue: Implant Dentistry University Education: Opportunities and Challenges**

**March 2014**

Volume 18, Issue Supplement s1  
Pages 1–69

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## Developing a Quality Assurance Framework for Dental CPD: Results from a National Consultation Exercise

Leola Preece-Clemens<sup>1</sup>, Jonathan Cooper<sup>2</sup>, Helen Patten<sup>3</sup>, Toby Anderson<sup>4</sup>  
 1. Wales Deans, PGD&E, Cardiff University, UK; 2. NHS Education for Scotland, UK; 3. Northumbria University, UK; 4. NHS Education for Scotland, UK; 5. Northumbria University, UK

**Introduction:** The UK Committee of Postgraduate Dental Deans and Directors (COPDEND) plays a major role in promoting best practice in education & training of dental and allied professionals, including continuing professional development (CPD). Quality Assurance (QA) processes for dental CPD activities need strengthening. This was identified through the DentCPD project (www.dentcpd.org)

**Aim:** To describe the process, results and outcomes of a national stakeholder consultation exercise to validate the COPDEND Quality Assurance Framework for Dental CPD.

**Results:** 32 responses were submitted by a range of 'Provider' stakeholders. These included: Educational Institutions, Dental Faculties/Surgical Royal Colleges, NHS providers, General Dental Council, British Dental Association, Private Providers, CPD Users

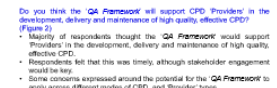
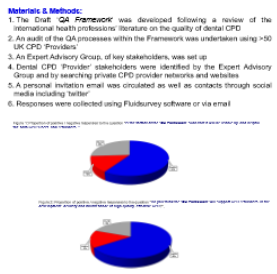
In the format of the QA Framework such that it will be usable by, and useful to, both CPD users and providers - there were separate User and Provider versions. CPD was classified as bronze, silver or gold level (Figure 1)

Majority of responses regarding the format were positive - welcomed by a range of Users, Providers and other stakeholder organisations. Number of respondents noted that the QA Framework was lengthy and potentially too complex, particularly for Users - more effective if simplified. Positive comments and concerns expressed regarding the three key proposals for Bronze, Silver and Gold. Concerns that the QA Framework would increase the administrative burden and staff requirements for some Providers, and could be passed on to CPD Users.

How should the QA Framework for Dental CPD be implemented? Support for implementation via a mixed pilot or trials, to identify issues prior to implementing the QA Framework on a larger scale. Mechanisms in place to ensure the QA Framework is implemented consistently which would need to be endorsed by the regulatory body. Appropriate regulation, ease of format and sufficient time to embed the QA Framework across providers.

What are the potential barriers to this QA Framework becoming a mechanism to drive up standards of Dental CPD in the UK? Costs, Time, Need for a 'body' to govern the process and maintain standards.

**Conclusions:** QA Framework defines criteria that practitioners (Users) & CPD Providers should consider in relation to a variety of activities that constitute Dental CPD. Can be widely applied to education and training of multi-professional dental teams. In evidencing compliance with this QA Framework, it is hoped that reflection will identify the impact of CPD activities on dental clinical and professional practice.



Do you think the QA Framework will support CPD Providers in the development, delivery and maintenance of high quality, effective CPD? (Figure 2)

Majority of respondents thought the QA Framework would support Providers in the development, delivery and maintenance of high quality, effective CPD. Respondents felt that this was timely, although stakeholder engagement would be key. Some concerns expressed around the potential for the QA Framework to apply across different modes of CPD, and Provider types. Implementation may increase the administrative burden on some Providers within the industry.



For further information contact: Prof. Alison Bullock, Cardiff University. Email: [albullock@cardiff.ac.uk](mailto:albullock@cardiff.ac.uk)

## A Quality Assurance Framework for Dental CPD

Leola Preece-Clemens<sup>1</sup>, Jonathan Cooper<sup>2</sup>, Helen Patten<sup>3</sup>, Toby Anderson<sup>4</sup>  
 1. Wales Deans, PGD&E, Cardiff University, UK; 2. NHS Education for Scotland, UK; 3. Northumbria University, UK; 4. NHS Education for Scotland, UK; 5. Northumbria University, UK

The Committee of Postgraduate Dental Deans & Directors (COPDEND) has a major role to play in education and training of the UK dental workforce, including facilitating new graduates, specialty training and provision of Continuing Professional Development (CPD). Concerns regarding the quality of CPD across the sector and the need for a robust system of quality assurance, have been expressed by stakeholders, including those leading the DentCPD project ([www.dentcpd.org](http://www.dentcpd.org))

**Aim:** Describe the evidence base for, and content of, the QA Framework for Dental CPD and report how this important development is being planned.

**Materials & Methods:** Results from a systematic review of the CPD quality literature and an audit of the QA processes in place from 100 CPD Providers were used as an evidence base to inform the development of a draft QA Framework suitable for different types of CPD (including face-to-face, online, journal and conference CPD). Draft QA Framework was subjected to a national consultation exercise including review by the UK Long Learning SIG at ADEE (Riga 2014), and revised accordingly.

**Results:** The QA Framework comprises a range of Quality Criteria within Four Sections: 1. Planning & Development, 2. CPD Delivery, 3. CPD Evaluation, 4. Administration. Two standards are described for each Quality Criterion: Expected Standard, Minimum Standard. A QA Framework 'App' has been developed.

**Conclusions:** The QA Framework for Dental CPD provides a suitable measure of what one should expect of activities contributing to the continuing education of the dental workforce. It can be utilized by CPD Users to measure the value of a CPD activity and by CPD Providers to strengthen their portfolio of CPD activities. In addition, the aspiration is that this will promote mobility of dental professionals with appropriately quality assured records of their continuing education and development.



For further information contact: Prof. Alison Bullock, Cardiff University. Email: [albullock@cardiff.ac.uk](mailto:albullock@cardiff.ac.uk)

## Dental Educators: Responsibilities and Training

Alison Bullock, Aine Boone, Helen Patten and Jonathan Cooper

**Aim:** To report data on the roles and training of UK dental educators. This study was a precursor to development of the COPDEND Standards for Dental Educators.

**Materials & Methods:** We distributed a questionnaire via British Online Surveys (BOS) to Dental Educators in June 2012 via the Postgraduate Dental Deans, the Dental Schools Council and other relevant Royal Colleges, Specialist Societies, Professional Organisations, in the UK. We exported BOS data into Excel and analysed in SPSS using chi square test of significance. We held 13 telephone interviews with representatives from Postgraduate Dental Deans (including 1st Deans/Directors). We identified common themes and summarised responses.

**Results:** 436 dental educators responded to the survey. The educator groups were represented. Largest groups were: 1st Deans/Directors (20%), Specialist Societies (14%), Dental Faculties (14%), Dental Schools (14%), Postgraduate Deans (14%), CPD Users (10%), College secretaries (17%). Many had more than one educator role.

**Responsibilities:** For almost all (95%), the role included: developing professionalisation, assessing the learner, providing feedback, guiding personal and professional development. For nearly 87-89%, the role included: supporting dental staff, quality assuring education/training programmes, managing education/training programmes.

**Training:** For almost 20%, much of their training was dated (underlined) more than 2 years ago.



Feedback on their educator role was received from: lecturers (71%), formal appraisals (64%), observation by peers (61%), observation by senior staff (27%). Feedback valued significantly by educator group. Only 57% had a personal development plan for their educator role.

UK Postgraduate Deans' perspective: In interviews, Deans reported as: have to provide time for training (postgraduate certificates), greater use of appraisal, more training in mentoring and leadership.

**Main messages:** Dental educators play a central role in developing practitioners who can practice high quality patient care. We as a group are not diverse and have experienced differing amounts of training for their roles. There is scope to further support and develop dental educator roles. The setting of standards for dental educators is timely.

**Acknowledgement:** Funded by the UK Committee of Postgraduate Dental Deans and Directors (COPDEND).

For further information contact: Prof. Alison Bullock, Cardiff University. Email: [albullock@cardiff.ac.uk](mailto:albullock@cardiff.ac.uk)

## Developing Standards for Dental Educators

Alison Bullock, Aine Boone, Helen Patten and Jonathan Cooper

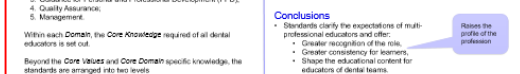
The UK Committee of Postgraduate Dental Deans and Directors (COPDEND) has a key part in co-ordinating postgraduate dental education and training, and aims to provide and share best practice.

**Aim:** To report how the COPDEND Standards for Dental Educators were developed and to provide an outline of their content.

**Materials & Methods:** The COPDEND Guidelines for Dental Educators were used as a starting point. Information about current training for dental educators was gained from an online questionnaire (completed by over 400 dental educators and providers of training for educators) and discussions with all Postgraduate Dental Deans/Directors or their representatives. Draft standards were extensively discussed by the Advisory Group, led by the COPDEND Chair. During a 10 week consultation period, 83 responses were received from individuals and organisations. Revisions were made and the final standards document was launched in May 2013.

**Results:** The standards are divided into the Core Values and five Domains: 1. Teaching and Learning, 2. Assessing the Learner, 3. Guidance for Personal and Professional Development (PPD), 4. Quality Assurance, 5. Management. Within each Domain, the Core Knowledge required of all dental educators is set out. Beyond the Core Values and Core Domain specific knowledge, the standards are arranged into two levels.

**Conclusions:** Standards clarify the expectations of multi-professional educators and offer: Greater recognition of the role, Greater consistency for learners, Shape the educational content for education of dental teams. Standards can assist existing dental educators to better understand: What they need to learn, What competencies they should acquire, and Demonstrate to progress their own careers. Gives new educators a framework to work within.



Not all standards are relevant at all education levels - should reflect educator's role. Broadly, dental educators (L1) and the strategic leaders and managers of dental education (L2). Core Values and Core Knowledge go to all.

For further information contact: Prof. Alison Bullock, Cardiff University. Email: [albullock@cardiff.ac.uk](mailto:albullock@cardiff.ac.uk)



Quality Assurance Framework for Dental Workforce Development

COPDEND Standards for Dental Educators

www.copdend.org

# Cross-SIG engagement Riga 2014

## Life Long Learning & Special Care Dentistry


### Core Topic Proposal

**Four core compulsory CPD topics:**

- medical emergencies
- cross-infection control
- **the medically compromised patient**
- radiation protection (for those taking Xrays, using scanners).

**Three core recommended CPD topics:**

- health and safety
- pain management
- safeguarding children and vulnerable adults



Undergraduate Curriculum in Special Care Dentistry

4. COMMUNICATION SKILLS IN SPECIAL CARE DENTISTRY		
4A - KNOWLEDGE	4B - SKILLS	4C - ATTITUDES BEHAVIOURS
Describe appropriate methods of communication for people with cognitive, sensory and/or other communication impairments.	Use appropriate methods of communication for people with cognitive, sensory and/or other communication impairments.	Demonstrate culturally sensitive and inclusive language with patients, colleagues and care givers.
5. IMPACT OF IMPAIRMENTS, DISABILITIES & SYSTEMIC CONDITIONS ON ORAL HEALTH & ORAL FUNCTION		
5A - KNOWLEDGE	5B - SKILLS	5C - ATTITUDES BEHAVIOURS
Describe common impairments, disabilities and systemic conditions in relation to their impact on oral health and oral function.	Identify the key elements of impairments, disabilities and systemic conditions that may impact on oral health or oral function for individual patients.	Consider the need for and benefits of inter-professional teams in patient assessment.
6. CLINICAL MANAGEMENT OF PATIENTS REQUIRING SPECIAL CARE DENTISTRY		
6A - KNOWLEDGE	6B - SKILLS	6C - ATTITUDES BEHAVIOURS
(1) Describe the factors (medical, social and environmental) that impact on risk assessment and treatment planning for individual patients requiring special care.	(2) Design oral health education for individual patients and their caregivers.	(3) Recognise the value of teamwork in the management for patients requiring special care.
(2) Discuss behavioural and pharmacological approaches that facilitate dental treatment for individual patients requiring special care dentistry (according to local guidelines and protocols).	(3) Provide simple clinical treatment using appropriate facilitation techniques for patients requiring special care, likely to present in a primary care service.	(2) Take responsibility for referring or arranging care for patients with more complex needs.

[www.iadh.org](http://www.iadh.org)

## CPD topic - 'Managing Medically Compromised Patients'

- ▶ An opportunity to work with our colleagues from the SIG devoted to 'Special Care dentistry'.
  - ▶ **In your country what examples of CPD do you provide that cover the subject of Special Care Dentistry?**
  - ▶ **If we were to provide a series of modules over a 5 year cycle - suggest the main module titles and topics to be covered?**

[www.dentcpd.org](http://www.dentcpd.org)

UPDATES



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## 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.





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## DentCPD Updates

Momentum has been maintained around 'dissemination', 'exploitation' and 'sustainability' since the completion of the 'DentCPD' project at the end of 2012.

This project culminated in the production of the Supplement to the European Journal of Dental Education – [the Dental CPD Reference Manual](#) and other associated publication referred to elsewhere on this website.

Since 2012, discussions have taken place through the Life Long Learning Special Interest Group at each annual ADEE conference.

DentCPD raised the importance of addressing the issues of 'quality assurance' and 'accreditation' of dental CPD educational activities. These issues have been discussed at

- [ADEE 2012, Lyon, France](#)
- [ADEE 2013, Birmingham, UK](#)
- [ADEE 2014, Riga, Latvia](#)
- [ADEE 2015, Szeged, Hungary](#)

In addition, members of the DentCPD Task Group have contributed to a series of important publications, including standards and frameworks of particular relevance to education and training in dentistry. These include:

- [COPDEND, Quality Assurance Framework for Dental Workforce Development, 2016](#)
- [EU Manual of Dental Practice, 2015](#)
- [EAHC/2013/Health/07 Study concerning the review and mapping of continuous professional development and lifelong learning for health professionals in the EU, 2014](#)
- [COPDEND, Standards for Dental Educators, 2014](#)

[Lyon 2012](#)

## Links

[Supplement to the European Journal of Dental Education](#)

[ADEE 2012, Lyon, France](#)

[ADEE 2013, Birmingham, UK](#)

[ADEE 2014, Riga, Latvia](#)

[ADEE 2015, Szeged, Hungary](#)

[COPDEND, Quality Assurance Framework for Dental Workforce Development, 2016](#)

[EU Manual of Dental Practice, 2015](#)

[EAHC/2013/Health/07 Report: Study concerning the review and mapping of continuous professional development and lifelong learning for health professionals in the EU.](#)

[EAHC/2013/Health/07 Presentation: Study concerning the review and mapping of continuous professional development and lifelong learning for health professionals in the EU.](#)

[COPDEND, Standards for Dental Educators, 2014](#)



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## ADEE 2012, Lyon France

At the annual ADEE conference in Lyon in 2012, the Life Long Learning, Special Interest Group discussed:

1. The areas of 'guidelines' and 'CPD module production' for dental CPD
  - a. Presentation about DentCPD at the SIG ADEE 2012
  - b. SIG summary report – for ADEE general assembly 2012
2. A poster summarising the [survey](#) of dental CPD as part of the DentCPD project was displayed
  - a. DentCPD Survey poster ADEE 2012
  - b. A presentation to the ADEE general assembly – overview of the DentCPD project

[Introduction](#)

[Birmingham 2013](#)

## Links

[Presentation about DentCPD at the SIG ADEE 2012](#)  
[SIG summary report – for ADEE general assembly 2012](#)  
[DentCPD Survey poster ADEE 2012](#)  
[A presentation to the ADEE general assembly – overview of the DentCPD project](#)



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## ADEE 2013, Birmingham, UK

At the annual ADEE conference in Birmingham in 2013, the Life Long Learning, Special Interest Group discussed:

1. The launch of the 'Dental CPD Reference Manual'
2. Initial discussion about 'quality assurance' and 'accreditation' of dental CPD – important areas highlighted by the DentCPD project
  1. In advance of the SIG, attendees were provided with information to promote discussion, which included
    - a. QA of dental CPD
    - b. Accreditation of dental CPD
    - c. LLL, SIG programme for ADEE 2013
  2. A presentation was made at the SIG and a report given to the ADEE general assembly after the SIG meeting
    - a. Presentation at the SIG
    - b. Presentation to the ADEE general assembly
  3. In addition, the work of the DentCPD project was presented to the meeting of Deans and Heads of Dental Schools
    - a. Presentation to Deans
  4. A presentation was given at the ADEE general assembly
    - a. Presentation to ADEE general assembly
3. In addition, a poster presentation on the new 'COPDEND standards for dental educators' was displayed.

[Lyon, 2012](#)

[Riga 2014](#)

## Links

[Dental CPD Reference Manual QA of dental CPD](#)  
[Accreditation of dental CPD](#)  
[LLL, SIG programme for ADEE 2013](#)  
[Presentation at the SIG](#)  
[Presentation to the ADEE general assembly](#)  
[Presentation to Deans](#)  
[Presentation to ADEE general assembly](#)  
[COPDEND standards for dental educators](#)



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## ADEE 2015, Szeged, Hungary

In 2014, COPDEND has published the 'standards for dental educators'. The LLL SIG had contributed to these 'standards' and posters had been displayed in [2013](#) and [2014](#).

At the Life Long Learning SIG meeting in 2015 the group discussed the 2014 version of the COPDEND 'quality assurance framework for dental CPD':

1. SIG introduction on QA framework
2. SIG presentation on the QA framework

In addition, a series of poster presentations and oral presentation were provided at the ADEE conference in 2015

1. Oral Presentation to the ADEE conference
2. Two poster presentations

The COPDEND 'Quality Assurance Framework for Dental Workforce Development' 2016 is a refined version of the 2014 'framework' to which the SIG and DentCPD Task Group members have contributed.

[Riga 2014](#)

## Links

[SIG introduction on QA framework - Text, Powerpoint slides](#)

[SIG presentation on the QA framework](#)

[Oral Presentation to the ADEE conference](#)

[Poster: Developing a Quality Assurance Framework for Dental CPD](#)

[Poster: A Quality Assurance Framework for Dental CPD](#)

[COPDEND 'Quality Assurance Framework for Dental Workforce Development' 2016](#)



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## ADEE 2014, Riga, Latvia

At the annual ADEE conference in Riga in 2014, the Life Long Learning, Special Interest Group discussed:

1. The initial work of COPDEND UK in developing a 'quality assurance framework for dental CPD'
  - a. An introduction to the draft 'quality assurance framework for dental CPD'
  - b. A presentation was provided at the SIG to enable discussion
  - c. A summary of discussions made to the ADEE general assembly
2. In addition, the SIG held a joint meeting with SIG for Special Care Dentistry to in particular discuss the core topics of dental CPD
  - a. Presentation to the Special Care Dentistry SIG
  - b. Programme for the joint SIG
3. A poster on dental educator responsibilities and training relating to the COPDEND 'standards for dental educators' was displayed

[Birmingham 2013](#)

[Szeged 2015](#)

## Links

[An introduction to the draft 'quality assurance framework for dental CPD'](#)  
[A presentation was provided at the SIG to enable discussion](#)  
[A summary of discussions made to the ADEE general assembly](#)  
[Presentation to the Special Care Dentistry SIG](#)  
[Programme for the joint SIG](#)  
[A poster on dental educator responsibilities and training relating to the COPDEND 'standards](#)

**DentCPD Task Group and SIGs**  
 Antalya – ADEE 2011  
 Lyon – ADEE 2012



**Cardiff - 3-5 January 2011**

Representatives from all DentCPD partner institutions met in a cold and wet Cardiff in the first week of the New Year. We gathered together to review what had been done and to plan for the future year. The base used for our discussions was the Copthorne [hotel](#) just outside Cardiff and it seemed that we were the only residents for the two nights. There was a large conference room in [the hotel](#) where we were able to set ourselves up around a table.

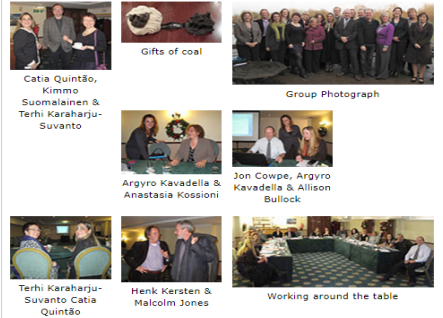
Professor Jon Cowpe was chair for the two days and did well to keep us to time, as there was a large agenda to get through. There were presentations from each of the working groups throughout the two days together.

Professor Alison Bullock and her team gave a review of the [survey](#) responses on continuing professional education throughout Europe. We also had a visitor, Professor Catia Quintão from Brazil and she gave an overview of Continuing Professional Development (CPD) in her country.

On the last day we had an entertaining speech from Professor Cowpe who also gave each of us a special memento of Wales. These were pieces of coal carved into the shape of sheep and houses. We left to return to our homes around Europe knowing that we had achieved a great deal and we looked forward to our next meeting at the ADEE meeting in Antalya in September.

**Gallery**

Click on an image for a larger gallery and slideshow.



**DentCPD European/South American Dental Postgraduate Conference**



**Partnership Meeting - Athens**

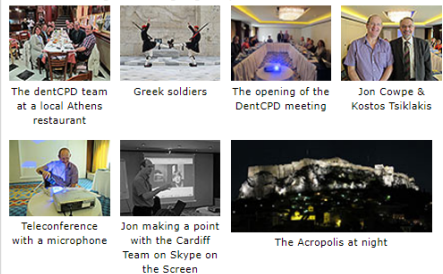
**Athens - 25-28 January 2012**

The DentCPD team arrived to warm welcome in a chilly but bright Athens. The first evening was spent getting up-to-date on all activities over a typical Greek Meal in the Plaka area of the city. The group reconvened on Thursday morning in the Electra Palace meetings rooms and addressed a busy agenda. At the start the Chairman Professor Jon Cowpe welcomed the delegates and this was followed by an address from the Local Manager of the DentCPD project, Professor Kostos Tsiklakis from Athens Dental School.

After the introductions, the group members gave presentations on each Work Packages for which they were the lead partners. Each presentation was followed by useful discussion. Furthermore there was input from the team in Cardiff via a unique style of teleconference and Skype. There was a report from Alison Bullock on the recent Co-ordinators meeting held in Brussels earlier in the week. DentCPD was one of two projects selected for presentation to the rest of the conference and Alison received favourable feedback on the work undertaken to date.

**Gallery**

Click on an image for a larger gallery and slideshow.



**DentCPD IADR meetings**



San Diego  
2011

Iguassu Falls  
2012

DentCPD - Task Groups  
 LLL - SIGS  
 International Meetings

# Sustainability of DentCPD

**Reference Manual for Dental CPD**  
**Standards for Dental Educators**  
**QA Framework for Dental**  
**Workforce Development**  
**Pan-European Accreditation**  
**Framework**  
**EU Review of CPD for 5**  
**Healthcare Professions**  
**CPD in Implant Dentistry**

[www.dentcpd.org](http://www.dentcpd.org)

**People**



Jon Cowpe



Alison Bullock



Argyro Kavadella



Anastasia Kossioni



Terhi Karaharju  
Suvanto



Kimmo  
Suomalainen



Henk Kersten



Eva Povel



Una Soboleva



Ilze Akota



Andra Leipa



Damien  
Walmsley



Majella  
Giles



**Thank you**