

# User's views on e-learning

Cedefop online surveys



# Users' views on e-learning

Cedefop online surveys

Cedefop Reference series; 29

Luxembourg: Office for Official Publications of the European Communities, 2002



# Table of contents

<b>Introduction</b>	<b>3</b>
<b>1. Technology-supported learning</b>	<b>5</b>
1.1. Who responded?	5
1.2. What technology?	6
1.3. How is it used?	7
1.4. Where do respondents find learning content?	9
1.5. What information services are of interest to practitioners?	10
<b>2. E-mail in e-learning</b>	<b>11</b>
2.1. Who responded?	11
2.2. Use of e-mail as a learning tool	12
2.3. E-mail as a means of communication and cooperation between professionals	12
2.4. Expected use of e-mail by learners	13
2.5. Use of e-mail by trainers	14
<b>3. Trainers' skills for e-learning</b>	<b>15</b>
3.1. Who responded?	15
3.2. Current skills levels	15
3.3. What importance is placed on technical, pedagogical and business skills in e-learning?	17
3.4. When will new e-learning expertise be needed by the majority of trainers?	19
3.5. Overall trends in comments	20
<b>4. Economics of e-learning</b>	<b>21</b>
4.1. Who responded?	21
4.2. Internal versus external development and sourcing	22
4.3. Calculating cost	25
4.4. Respondents' concerns	28
<b>5. E-learning and adult basic skills</b>	<b>29</b>
5.1. Who responded?	29
5.2. How much e-learning is being integrated into adult basic skills development?	30
5.3. What are the challenges for adult basic skills teachers?	32
5.4. The impact of e-learning on adult basic skills provision	34
5.5. Summary	36

<b>6. E-learning for people with disabilities</b>	<b>37</b>
6.1. Who responded?	37
6.2. Types of disability	38
6.3. Provision for learners with disabilities	39
6.4. How important is e-learning for learners with disabilities?	40
6.5. Awareness of 'state of the art' knowledge on e-learning for people with disabilities	42
6.6. Policies and arrangements to support e-learning for learners with disabilities	42
6.7. Conclusions	43
<b>7. Training of trainers and teachers</b>	<b>44</b>
7.1. Introduction	44
7.2. Who responded?	44
7.3. Professional development in relation to e-learning	45
7.4. Future	52
7.5. Commentary	53
<b>8. Questionnaires</b>	<b>54</b>
8.1. Technology-supported learning (TSL)	54
8.2. E-mail in e-learning	57
8.3. Trainer's skills for e-learning	58
8.4. Economics of e-learning	60
8.5. E-learning and adult basic skills	62
8.6. E-learning for people with disabilities	64
8.7. Training of trainers and teachers	69
<b>9. List of figures</b>	<b>73</b>

# Introduction

## Background

*Users' views on e-learning* brings together the results of a number of online surveys on e-learning carried out by Cedefop's interactive website the European Training Village (ETV) <http://www.trainingvillage.gr>. This introduction provides some background to the use of surveys as a tool to collect information and the methods used to construct and conduct them.

For the purposes of these surveys, e-learning is defined as learning supported by information and communication technologies (ICT). E-learning is not limited to 'digital literacy' (the acquisition of information and communication technology competences). It may encompass multiple formats and hybrid methodologies: the use of software, Internet, CD-ROM, online learning or any other electronic or interactive media.

## Using online surveys

Online surveys have been used as a tool to collect data on e-learning to fill a clear information gap about how it is developing and people's perspectives of it. The aim is to collect data of interest to specialists and researchers in vocational education and training. The surveys are not a statistical analysis of developments, but aim to collect sufficient quantitative information to provide some insight into the state of certain aspects of e-learning.

The e-learning surveys have been very carefully structured. Topics have been selected on the basis of issues identified as of particular interest to target groups, such as trainers, universities, enterprises and trade unions. Questions were prepared in consultation with experts in vocational education and training. Each survey was published online in English, French and German and was left open for six weeks.

## The surveys carried out

From December 1999 to September 2001 Cedefop carried out seven surveys on different aspects of e-learning:

- (a) technology-supported learning – which provides views of training practitioners and policy-makers on technology usage and information requirements;
- (b) e-mail in e-learning – which monitored the use of e-mail by trainers and learners as both a learning and communication tool;
- (c) trainers' skills for e-learning – which examined the extent to which trainers felt equipped to develop and use e-learning material;
- (d) economics of e-learning – which looked at calculating the costs of developing e-learning content and online support;
- (e) e-learning and adult basic skills – which identified some of the interests and concerns of vocational training professionals and policy-makers in using e-learning to support the development of basic skills among adults;
- (f) e-learning for people with disabilities – which aimed to find out more about the level of interest and activity among the ETV respondents on e-learning for people with disabilities; and
- (g) training of trainers and teachers – which aimed to explore the degree of current investment in teachers' and trainers' professional development in designing, delivering and supporting e-learning.

This publication reports on each of the above surveys. They outline the number of respondents and identify them by organisation type. The surveys combined have attracted over 3 213 responses and together build up a picture of developments in some key areas of e-learning.

Further information about Cedefop's e-learning surveys carried out through the ETV can be found at the survey section of the website [www.trainingvillage.gr](http://www.trainingvillage.gr).

This unique publication brings together the results of seven surveys dealing with e-learning, carried out online on the European Training Village (ETV) website *www.trainingvillage.gr*, by Cedefop, in 2001. The surveys identify trends in e-learning at European level, as expressed by users and suppliers. The surveys look at such issues as the use of e-mail as a learning tool, economics of e-learning, teachers and trainers' skills in relation to e-learning, e-learning as an aid to the learning process of people with disabilities. The surveys are not a statistical analysis on the use of e-learning as a means of learning and teaching, but rather provide an overview and insight into trends emerging in the field.

## User's views on e-learning

Cedefop online surveys



European Centre for the  
Development of Vocational Training

Europe 123, GR-570 01 Thessaloniki (Pylea)  
Postal address: PO Box 22427, GR-551 02 Thessaloniki  
Tel. (30) 310 490 111, Fax (30) 310 490 020  
E-mail: [info@cedefop.eu.int](mailto:info@cedefop.eu.int)  
Homepage: [www.cedefop.eu.int](http://www.cedefop.eu.int)  
Interactive website: [www.trainingvillage.gr](http://www.trainingvillage.gr)

Price (excluding VAT) in Luxembourg: EUR 40

3022 EN



OFFICE FOR OFFICIAL PUBLICATIONS  
OF THE EUROPEAN COMMUNITIES

L-2985 Luxembourg

ISBN 92-896-0109-4



9 789289 601092 >