

# REPORT Workpackage no. 2

Date: 28-Jun-06

# Title: Selection of The Appropriate Instruments To Create The Educational Modules

**Duration: Month 1 - Month 3** 

Partners Involved:

P1	Politehnica University of Bucharest, Romania	
P2	SILABO, Italy	
P3	Sistemi e Servizi, Italy	
P4	CLC-KUT, Lithuania	
P5	MECB, Malta	С
P6	XGrant, The Netherlands	

**Coordinator: P5** 

Report Prepared by MECB Ltd, Malta







## WP Objectives

The main objectives of this CECA WP2 are essentially :

- To optimally define and select the instruments/methods (eg e-Learning vs face-to-face vs combination) to prepare and deliver the ECDL CAD **training** material;
- To identify and select suitable ECDL CAD candidate testing procedures.

#### Introduction

In order to effectively achieve the above main objectives of this WP, as agreed in the Bucharest (March 2006) kick-off meeting, a relevant questionnaire was drafted by the leading partner P5 (Malta) and the circulated for feedback to all CECA partners.

#### Work report

(including working techniques used, results and methodology)

The draft questionnaire was circulated for feedback by the partners following which the final version (see Fig.[1] below) was approved by the coordinator and re-distributed amongst all partners for sample surveys with relevant CAD stakeholders in their region.

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CECA	LEONARDO PROJECT 💎 🥵 🚺	3. Your Correct States	Studying for a Degree	Studying for a Diploma   C	hemployed   Gui	
	×440	2 Your Age Group	izza dian 70	21 - 30	More than 30	
E	CDL C.A.D. 'TRAINING APPROACH SURVEY	3. Center	Male	Acmale	2.2.8.7879779897599779977	
		- Not report to	Lama			
Intraduction	There is no doubt that increasing the level of innovation in Europe is an	4. Nome of Country you live in	2			
to st s# projegt	Important goal for the EU Commission, this as reflected from various policies and actions being taken. One activity leading to Improved Innovation In	A Ann experience	Constituen 7	7-1	Mar than A	
proper	Europe is that at 'design' To effectively design, both methods (such as brainstormino) and technologies (such as Computer Alded Design (CADI) are	(yeers) in technical drawing		1223	1002000000	
	required and employed In line with this overall goal, the EU Commission, through its Leonardo Da Vind programme is funding a protect called CECA	Contraction of the			la a contra c	
	with the aim of developing an SCDL Computer Alded Desig (CAD) training	6. Would you be willing to obtain FCDL	Produčij res	Octinitaly 125	Octinitaly (42	
	course and initiastructure. CECP is coordinate by the Romanian pather - The Politehnica University of Bucharest and also includes as partners Sistemi E	certification in Computer Aided				
	Servizi Sri of Italy, MacDAC Engineering Consultancy Bureau Ltd of Malta,	Design (CAD) during any the next 3 years?				
	Kaunas University of Fechnology of Lithuania, SILP80 of Italy and Xgrant of The Netherlands On of the CBCP Project's aims is to developing a	1. Assuming that a	YES, I profer in have e-	Definitely NOT. ) profer	A mis. ) profer to	
	curricula based on SCOL CAD syllabus for lectures and seminars	and elemning (web-	(cerning based traning	to have classificated,	mix of describe	
		based) course for on MDL CAD is develoed,	GNET for 2001 CHD as ) can fearn at my own	face-to-face training for according to a	entearning based on 2004 CMD.	
1601680	The European Computer Driving Ucence (ECDL) has seen an impressive success in various ICT application areas such as spreadsheets and databases	would you be willing to use it?	pate Aúme.		100-101-001-001-10-10-10-10-10-10-10-10-	
	This is because BCDL provides a means to show that a stakeholder has	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 US 10	10 No 10	S	
	reached a level of international competence. In a particular SCDL topic Another reason is that employers look for ICT operators that are SCDL	A for an electrong NCD1 CAD course	Arate topic (contow to meansly/zoom pertor e	magn.ly/.com part of a		
	certilled In this respect, there is also a need to amplify and exploit the	HOW would you like to have training	drawing) is explained;	drawing) is explained;	then eventually,	
	concept of SCOL for the Computer Alded Design technology sector. This project will be itratitocialing on 2-dimensional CAD.	organicad?	then an automated demonstration of her whe	(from an creation of a grade of a contract of the second s	the end of the	
			topic (room) is typically used/works is given;	the student has to do and submit electronically to	the student is generate a	
Why a survey?	In order to develop an effective BCDL training approach suitable for the CAD		Saco Aurica Ia Green	the war for feedback;	diamong, which	
	technology environment, the CECP consortium is seeking leedback from optential stakeholders. This leedback, to be collected from all partner				100m.020 00 012	
	countries will enable the CBCA team developing the course material, to take	9. Do you need a	Definitely NO - cricer	ning Gaining Delivitaly	TFS - c-icarning	
	Into consideration the heedback provided This survey is designed to minimize the time required from your end - it is estimated that you would	paper-based training	material is sufficient;	material she	uld' ás complemen sa'ú anng manual.;	
	need 2 - 5 minutes to till-in All information provided is treated with	and the second	Max as sa			
	conildence	10. Would you prefer to have the FCDL CAD	(a) Completely remote ( ic ) can do the test remo		prefer to have the setter gains a	
	William have been and the set of	Janian in (ar) or (b) 7	úlic necel for me to stúcnel texáng centre;	an approved there are a	ny gazres/problem straighteres.	
	Whilst thanking you in advance for your time, we look forward to your valued leedback	PLEASE FEEL FR	EE TOADD ANY OTHERSPE	CONTRACTOR OF THE OWNER	Contractor and the second	
			mail this form to le billion o			
	The CECA Team	You can seen and	men ma rain la je <b>ug</b> ina	careaution ar send (the.	ww.rd=366.214100	

Fig.[1] - WP2 Survey Questionnaire Generated & Approved by Coordinator

Most CECA partners excluding one, managed to collect a sample of filled up questionnaires, these sent by either email or fax to P5 for analysis. Based on the data



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collected (see example in Fig.[2]), a *detailed* analysis was carried out the results of which are as per attached document.

	(Please TICK only <u>ONE</u> ANSWER	in the appropria	te box/column)		
1. Your Current Status	Studying for a Degree	Studying for a	Diploma Ur	employed Other	
2. Your Age Group	roup Less than 20 (21 - 30)			More than 30	
3. Gender	Male				
4. Name of Country you Live in	ROMANIA				
5. Any experience (years) in technical drawing	Less than 1	1-5		More than 5	
6. Would you be willing to obtain ECDL certification in Computer Aided Design (CAD) during say the next 3 years?	Probably YES	Definitely YES		Definitely NO	
7. Assuming that a good e-Learning (web- based) course for on ECDL CAD is develoed, would you be willing to use it?	YES, I prefer to have e- Learning based training ONLY for ECDL CAD as I can learn at my own pace & time.	<b>Definitely NOT</b> . I prefer to have class-based, face-to-face training for ECDL CAD.		A mix. I prefer to have mix of class-based an e-Learning based trainin on ECDL CAD.	
8. For an e-Learning ECDL CAD course, HOW would you like to have training organized?	First a topic (eg how to magnify/zoom part of a drawing) is explained; Then an automated demonstration of how the topic (zoom) is typically used/works is given;	drawing) is explained; Then an exercise is given on each topic which		First <u>all</u> topics and explained. Then eventually, once a topics are explained, a the end of the cours: the student is told t generate a comple submitted to the cours tutor.	
9. Do you need a paper-based training manual too?	material is sufficient;		Definitely YES – e-Learning training material should be complemented with a paper-based training manual.;		
10. Would you prefer to have the ECDL CAD test as in (a) or (b) ?	(a) <b>Completely remote</b> ie I can do the test rem the need for me to attend testing centre;	t an approved there are an		prefer to have the test at d testing centre so that in ny queries/problems I car straightaway.	
	EE TO ADD ANY OTHER SPI amail this form to jcb@m				
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Fig. [2] – Sample Filled-Up WP2 Survey Questionnaire

### **Conclusions arising from WP2**

As a result of the attached *detailed* analysis report in pie chart format, the following key conclusions can be made concerning this WP's objectives:

# TRAINING MATERIAL/APPROACH

- Question 6 reveals that only 3% are definitely not interested in getting ECDL CAD certification in the next 3 years;
- Question 7 reveals that only 5% would definitely not be interested in using an e-Learning course for ECDL CAD, with 32% stating they would definitely use such a course;
- Question 8, reveals that the majority (55%) prefer training to be composed of first the explanation of a topic, followed by a relevant exercise. 27% prefer to first have the topic explained, then followed by an automated demo.
- Question 9 reveals that 84% replied that they would still want a paper-based training manual to accompany the e-Learning ECDL CAD course.

TESTING APPROACH

• Question 10 reveals that 84% prefer to have the ECDL CAD test held at an approved training centre rather than on-line.



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# **Deliverables**

- The survey questionnaire (see Figure 1);
  A report in pie chart format concerning the analysis of the questionnaire as per attached;





