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EPOCH

**Excellence in Processing Open
Cultural Heritage**

Network of Excellence

Information Society Technologies

D4.3.1: Report on Mobility and Bursaries

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PIN

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1. Introduction

EPOCH educational activity is at present split into the two Activities 4.3 (Bursaries and mobility) and 4.4 (Education and training). This means that some basic information is common to both, and will be summarized in the present report and in the report on training activity for the sake of completeness and self-consistency.

According to the TA and Attachment 1, Activity 4.4 “is aimed at facilitating mobility both for staff and young researchers. It will provide partial reimbursement of costs for short relocation of staff or for attending selected courses.”

Activity on mobility and bursaries was initially based (call 1) on a preliminary survey on training presented at VAST2003 in Brighton, which evidenced some gaps in the training offered in Europe. During EPOCH year 1, a survey on training needs and availability has been carried out, and the results have been taken into account for the second EPOCH call. The report (D.4.4.1) was completed and delivered in month 7 (October 2004).

2. The Report on Training Availability and Requirements in Europe

The report was completed in October 2004 and delivered in November 2004.

It consists of a series of short descriptions of the situation in Member State countries, collected by an extensive survey of the documentation concerning the 1600 or so Higher Education Institutions.

Some of its results may be relevant here, referring to the whole report for the details

i) There is an uneven situation in Europe concerning academic curricula in Cultural Heritage Informatics. They are fully implemented in some countries, developing in others, and completely absent in the rest. Some of the latter have a very rigid academic structure that may be an obstacle even if they decide to start some training in this field.

ii) Information about short courses (e.g. summer schools, post-graduate, etc.) is more difficult to obtain, but it seems that - not unexpectedly - their availability it is not substantially different from that of full courses; in other words, countries where degrees are available in this area, appear to also offer short courses on this subject.

iii) The survey did not consider in detail vocational training and continuing education, but from sample cases their availability should follow the same rule.

In conclusion, there are some countries in Europe where training on IT applications to Cultural Heritage is considered a discipline to teach, be it within MA degrees, short courses or vocational training. In others, just some IT literacy is considered useful/necessary/sufficient in the humanities, and curricula are formed accordingly. Some vocational training may be expected here, possibly at an introductory level. Finally, in others this issue is considered not relevant, and this kind of training is left to personal initiatives, or ignored altogether.

The above conclusions have confirmed that EPOCH action is timely and effective and its bursary activity must facilitate trans-national attendance to interdisciplinary courses with particular attention to students coming from countries where availability of such courses is scarce.

3. The first interim bursary plan (semester 1): implementation and results

The first call for mobility and bursary was issued in May 2004 as a substantial part of the call for the first interim bursary plan, covering the period up to September 2004. This call adopted a two stage evaluation process. In the first one, courses proposed by partners were evaluated for approval. Approved course were eligible for bursaries (and possibly for training support, see D.4.4.2), to be granted in the second stage of the bid.

At the Board of Directors meeting of 15/04/2004, some criteria for the bursary and mobility plans were discussed and approved. Such criteria were reported to the Assembly of 16/04/2004 and approved by the partnership. Among other considerations, it was suggested that summer 2004 might be a very useful period to start this integrating activity even if the delays in the EPOCH start might caused a short notice for the first call, adding to the difficulty of synchronizing the academic calendar with EPOCH planning.

The call defined as eligible courses those compliant with the following criteria:

1. The course must take place in the period 1 July – 15 September 2004. Also courses ending later might be considered as long as they pertain to the summer period and they start in September.
2. The course must be planned independently of the EPOCH bursary/training activity and address an audience not restricted to bursary beneficiaries.
3. The course must have an interdisciplinary character and provide basic cross-fertilization background.
4. The course duration must not exceed two weeks.

Fellowship support included a lump sum for accommodation, variable according to destination, a sum for travel and 50% of the inscription fees. Candidates need to fill an application form and to propose a travel cost. All travel cost proposals are evaluated for economic congruity by a professional firm.

Four course proposals were submitted and the Executive Committee (acting as selection committed) examined them and found they were all eligible for approval and bursary support. They were:

1. “A Beginner’s Guide to Metadata”, organized by the University of York, UK (partner no. 53) at the University of York, from 22 to 24 June.
2. “Museums and the Internet: Presenting Cultural Heritage Resources online”, organized by CIMEC, RO (partner no. 74) at Busteni Training Centre, from 20 to 26 September.
3. “Thinking globally: Acting Locally”, also organized by the University of York at York, from 22 to 24 September.
4. “Archaeological and Cultural Heritage Preservation Within the Light of New Technologies”, organized by Archaeolingua, HU (partner no. 70) at the Százhalombatta Archaeological Park from 27 September to 2 October.

There were no bids for course no. 1, possibly due to the short notice period. However, course no. 3 was not requested for fellowships either.

The result of this first round for bursaries were the following.

#	Course title	Participants	Foreign	Bids	Accepted
1	A Beginner’s Guide to Metadata	25	3	0	0
2	Museums and the Internet Presenting Cultural Heritage Resources on-line	34	8	7	7
4	Think globally, act locally	20	0	0	0
3	Archaeological and Cultural Heritage Preservation within the Light of New Technologies	25	5	8	5
	Total	104	16	15	12

The reasons for rejection of the bids for course 3 was the ineligibility of candidates: they came from countries outside the FP6 eligible countries and had passed the age limit (i.e. graduated by more than 4 years and were not PhD candidates). In other words, all the eligible candidates received

support, because of their very good individual characteristics such as their CV, interest in the course etc.

As agreed by the Executive Committee, some rules were interpreted in order to allow wider participation: students from third party institutions listed in the TA were supported, after supporting all those endorsed by partners, and PhD students were accepted as well, regardless of their year of graduation.

Fellowship distribution by gender was the following:

Candidates		Fellows	
Male	Female	Male	Female
6	9	5	7

The following table summarizes the countries of origin for fellows bidding for EPOCH support:

Country	No. of bids	Accepted	Rejected	Reason of rejection
Bulgaria	3	3	0	
Czech Republic	1	0	1	Age limit
Finland	1	1	0	
Georgia	2	0	2	Outside FP6-EU +age limit
Germany	2	2	0	
Greece	1	1	0	
Hungary	1	1	0	
Israel	2	2	0	
Romania	2	2	0	
Total	15	12	3	
<i>East Europe</i>		6		

An anonymous questionnaire was circulated among the students at the end of the Busteni course. The level of satisfaction was incredibly high, in most cases enthusiastic, and criticism rare and, in any case, constructive.

4. The second bursary plan (semester 2): implementation and results.

The call for the second semester had to take into account the experience of the first call and the outcomes of the training survey, and was therefore delayed until October. There were also indications from academic partners that they would prefer not to support additional training activity prior to Christmas because this is a very busy period for universities, and it is hard to commit to additional training. In fact, when the call was issued, proposals ranged in time from late January to June. The question of reconciling the academic calendar with the EPOCH has arisen again, and the problem has now been solved, with one call covering the first academic semester (September to January) and the second one covering the second semester (January to September) with overlaps due to different start and end periods in partners' countries. Although some partners offering training are not academic, this periodicity appears also to suit their schedule.

Therefore the second call of year 1 extends to June 2005 and courses will be spread from late January, to March, May and June. No substantial changes have been made, except small

adjustments to daily allowances and a relaxation of the eligibility conditions that were felt to be too strict in the first plan.

There are now four EPOCH approved courses for this period, (all those submitted).

1. "Creating and managing digital resources, archiving, research funding for digitalization, intellectual property", offered by the ADS at the University of York, UK, on 26 January 2005.
2. "An Introduction for Cultural Heritage Technologists in the Field of Heritage, its Structure and Practice in Europe Today" provided by the Ename Center EPOCH partner no. 3) at Ename, BE, from 13 to 20 March 2005.
3. "European Cultural Landscapes: an Interdisciplinary Approach" provided by CIMEC at Busteni Training Center, RO, from 9 to 15 May 2005.
4. "Standardization and Documentation of Archaeological Records for the Improvement of Cultural Heritage Management and Protection" provided by PIN at Prato, IT, from 13 to 18 June 2005.

It is too early to draw definitive conclusions on courses that have still to start, but some results are already apparent. The response so far shows a great interest for the Ename course (with some twelve requests for bursaries) and there are already some requests for the other two (3 for PIN), planned for a later period. The Ename course is particularly relevant for EPOCH because one of its goals is to address the technological community to favor their understanding of issues that are typical of a cultural applicative context.

5. Mobility and secondments

Both mobility and secondments respectively aim at relocating staff and students with partners for short periods. The rules for a mobility grant are very simple:

- Existence of a pre-existing employment or studentship condition between the person in mobility and the home institution, destined to continue after the temporary relocation.
- Acceptance of the home and host institutions.
- Length of the relocation between 45 and 60 days (this is just a recommendation and if duly justified we reserve the right to accept proposals for shorter periods as well).

The call for mobility is an open one and requests are evaluated and, if approved, assessed monthly, as long as there remains available budget for the semester.

When showcases were under development, a preferential condition for mobility and secondment grants was the participation in showcase development by a partner not directly involved in them. So a Spanish student has moved for one month to Ename to participate in the development of a showcase in which her home institution was not involved and a German PhD student from Braunschweig has moved to CNR in Pisa. In the latter case the rule was applied the opposite way, because it was the home institution that was involved in showcase development and the mobility has led to participation of the CNR laboratory, the host institution of the relocated student. A particular case is the one of a graduate student, also from Braunschweig, who has received a small grant to give a tutorial at VAST2004, which may be considered a special bursary case.

Though limited in number, the effects of the mobility part of the bursary plans have been very positive. The relocation of the Spanish student led to the joint publication of a scientific paper, co-authored with member of the host team. The visit of the German student to Pisa consolidated existing relations and contributed to forming a partnership that led to collaboration on a number of topics. The third case gave important support to the Network training initiatives on standards, in this case technical standards.

There is, however, a problem that is beyond the NoE's capacity: the rigidity of work regulations in most European countries. Short relocations are uncommon even in Research Centers. Although

shorter missions to attend a Conference are frequent, lasting a few days', longer "absences" are sometimes not allowed and if they are, they require a long authorization procedure which discourages participation. For example, in some cultural institutions such mobility has to be authorized at levels higher than the institution itself and this may create problems for approval. In many cases there is, moreover, a sort of "social disapproval" by colleagues not directly involved in the project, who tend to consider the relocation a sort of paid holiday. In some universities, a two months' relocation needs the same kind of approval and is subject to the same regulations and restrictions as a full sabbatical year. In conclusion, most regulations, habits and social attitudes tend to favor short missions, and this is exactly what EPOCH does not encourage because it is difficult to establish tight connections and promote integration when time is very short.

In conclusion, Europe was far-seeing when including staff relocation among the tasks of Networks of Excellence, because this indeed promotes integration among institutions at the deepest level: the human contact of day-to-day work. However, it took little into account concerning the national regulations with administrative officers in charge of deciding, and consolidated habits that in some member states are much more short-sighted, thus putting on NoEs a burden they cannot manage.

In spite of these difficulties, EPOCH will continue fostering mobility. For the second semester, in only three months there are already as many requests as for the entire period up to December 2004. It is a sign that notwithstanding the above difficulties, the opportunity is welcome by partners and their staff, and since it has given such good outcomes so far, we will continue to submit proposals for mobility.

6. The results of bursary activity in numbers

Below we report some of the quantitative success factors of the year 1 bursary and mobility activity. Values for the second semester are estimated.

Number of courses supported: 8

Students receiving a bursary: 36 (estimate based on semester 1 and current requests)

Percentage of female fellows: 67%

Mobility: 4

Percentage of female staff in mobility: 50%

Average cost of a bursary in semester 1: 800 Euro approx.

All reimbursement for bursaries are managed and accounted for by host institutions. Mobility has been so far managed and paid for by PIN.

7. Future plans and scenarios

As yet the mobility and bursary plan has given good results and it has been confirmed for the subsequent periods. According to partners' directions in the recent polls, it is however our intention to extend grants to additional opportunities, for example attendance at VAST or other EPOCH events, and to introduce into mobility priorities coherent with current trends in the NoE.

For year 1, these consisted of showcases, for year 2 they may possibly be NEWTON development.

Appendix A

EPOCH courses in detail

This information is already present in D.4.4.2 and is repeated here for the sake of completeness and to facilitate cross-checking.

Course title	A Beginners Guide to Metadata			No.	1
Period	22-24/06 2004	Partner	Archaeology Data Service, University of York		
Location	York, University of York		Country	UK	
Course program					
The course is designed as an interdisciplinary introduction to the use of different kinds of metadata, and why such documentation is so important for the successful cross-fertilisation between the arts and humanities and information technologies. Special emphasis is given to the lessons learned from interdisciplinary research, and the challenges involved in recording information relating to the historic environment in particular.					
Target audience					
This course is designed for those involved in the creation, dissemination and use of digital resources for the arts and humanities and historic environment. The course will be of particular interest to all involved in designing projects with digital content or preparing digital archives.					
Rationale					
The course is especially aimed at cross-fertilization between humanities and technologies and deals with topics relevant for EPOCH					
Expected results					
Participants			No. of students	25	
Mostly from UK, 3 from Italy.					
Is the training material available				Yes	
Is the training material available for EPOCH?				No	
Is the training material published/planned for publication?				No	
Training material and methods					
The workshop is presented using digital projector and PowerPoint presentation. The surgery session has at its disposal the full range of ADS online resources. In addition to the workshop and surgery sessions the course timetable includes an introduction and orientation session. This will familiarise those taking the course with the ADS, the Department of Archaeology at the University of York and the City itself.					
Follow-up					
Results					
EPOCH SUPPORT					
Kind of support		Bursaries available but not requested. Advertisement on the web site			
Total amount of direct funding		Euro 0			
No. of fellowships requested		Male	None	Female	None
No. of fellowships granted		Male		Female	
Other fellowships granted		Male		Female	
Notes					
The course was approved on the program but no student bid for EPOCH bursaries, possibly not being eligible (most, if not all, students are UK nationals).					

Course title	Museums and the Internet: Presenting Cultural Heritage Resources online	No.	2
Period	20-26 sept 2004	Partner	CIMEC
Location	Busteni Training Center	Country	ROMANIA
Course program			
The course aimed to offer a general overview of the experience gathered in various Romanian and European projects in presenting museum and cultural heritage resources on the Internet; problems and solutions of web access, finding information and attracting visitors for enjoyment and learning; and basic training in selecting the material, designing the Web content for cultural heritage resources, addressing various audience groups and maintaining digital resources on cultural heritage.			
Target audience			
The course targeted mainly museum curators, museum directors, archaeologists and heritage staff with basic knowledge of computer use, and young researchers in the relevant fields.			
Rationale			
<p>Museums are developing websites either on their initiative or following suggestions of other organizations. Nevertheless few are aware of the impact of their web presence. Often museum sites are not regularly updated and there is little knowledge on how to present museum collections and other cultural heritage resources on the Internet, in an intelligent and meaningful way. Small and medium size museums and heritage organizations with limited staff and low budgets are particularly affected by the digital divide, especially in the CEE countries. They lack the skills and technical assistance to develop Web pages and to integrate in networks and larger heritage projects, while large museums ignore the potential of the new information and communication technology.</p> <p>Reasons of EPOCH acceptance</p> <p>The course was accepted by Epoch since it was innovative at its time, both for its proposed content and its location, addressing EC and CEE public.</p>			
Expected results			
The participants were expected to receive a strong methodological, theoretical background, as well as know-how and good practice in aspects regarding the subject of the course. These were achieved following frontal lectures, workshops and presentation of projects brought by the course participants.			
Participants		No. of students	34
There were 26 national participants, all heritage staff: CH administrators and researchers, curators, archaeologists or museologists, but IT personnel working in museums as well, their host institutions being CH museums (including ethnographic, art and maritime museums) from all over the country. The foreign participants were mostly young researchers or students graduating in the CH fields, both from CEE and EC countries.			
Is the training material available			Yes
Is the training material available for EPOCH?			Yes
Is the training material published/planned for publication?			Yes
Training material			
There were ten frontal lectures, ca. two hours each, followed by workshops and practical work in the afternoon. These yielded some 150 slides and dozens of written text (lecture notes), which are being used to prepare the training material of the course. The syllabus of the course was printed and distributed to all participants. Description of good practices and projects of participants will be added to the training material, which will be presented both in an electronic form, as well as printed, both in English and Romanian.			
Follow-up			
<p>A discussion forum was created on the web, where the course participants exchange knowledge and info regarding the course and its results. A questionnaire was circulated among the course participants, evaluating various aspects of the course.</p> <p>It is planned to continue the course, at a more restricted, national level, in order to follow the possible applications and work prepared by the initial participants of the course and in the next semesters another course, possibly also with the support of the local authorities.</p>			

Results				
The last day of the course was dedicated for discussions regarding projects brought by each of the course's participants, developed at their host institutions. The course substantially contributed to improve the quality of these projects, to some adding a stronger methodological background, while to others offering new solutions. All participants expressed their wish for a follow-up of the course, during which particular issues could be discussed.				
EPOCH SUPPORT				
Kind of support	Epoch supported the course with 7 bursaries, three lecturers, support for the organisation of the course and printing the course material. The course was advertised on the Epoch's web site.			
Total amount of funding	Euro 10K including bursaries			
No. of fellowships requested	Male	3	Female	4
No. of fellowships granted	Male	3	Female	4
Other fellowships granted	Male		Female	
Notes				
<p>The course was prepared some three months in advance, starting from scratch, since in Romania such a course was an innovation, both at an academic level and at a vocational training level. The course was published both on the web site of Epoch and Cimec; personal contacts were made by the organizers of the course at Cimec, by phone and e-mails to a large number of museums in Romania and abroad, in order to reach a high as possible number of potential applicants. Indeed, a careful selection of candidates limited the number of participants to 35, from some 50 submissions.</p> <p>An important aspect of the course was the initiative of its organizers to ask each participant to prepare and present some on-going or future activities and projects of their institutions, related to the subject of the course. Thus, each participant, in turn, and according to the subject discussed in that day, presented its project, which was discussed with the entire class. This method proved extremely efficient and fruitful, each participant being able to present its project from a critical point of view. At the end of the course, projects were re-discussed and re-examined, in the light of the knowledge accumulated during the week.</p>				

Course title	Thinking globally: Acting Locally			No.	3
Period	22-24/09 2004	Partner	Archaeology Data Service, University of York		
Location	York, University of York		Country	UK	
Course program					
The course will raise awareness amongst the arts and humanities community about the opportunity afforded by digital technologies while refining the technology to meet the needs of a diverse research community in the humanities.					
Target audience					
This three-day course is designed for those responsible for the creation and archiving of digital archaeological records. This includes excavation units who both generate and use the archives and the local organisations charged with the safe archiving and public access to these archives.					
Rationale					
The course is especially aimed at cross-fertilization between humanities and technologies and deals with topics relevant for EPOCH. Also, it addresses field archaeologists to raise awareness about the opportunities offered by digital technology.					
Expected results					
Participants			No. of students	20 (est.)	
Is the training material available				Yes	
Is the training material available for EPOCH?				No	
Is the training material published/planned for publication?				No	
Training material and methods					
The workshop is presented using digital projector and PowerPoint presentation. The surgery session has at its disposal the full range of ADS online resources. In addition to the workshop and surgery sessions the course timetable includes an introduction and orientation session. This will familiarise those taking the course with the ADS, the Department of Archaeology at the University of York and the City itself.					
Follow-up					
Results					
EPOCH SUPPORT					
Kind of support		Bursaries available but not requested			
Total amount of direct funding		Euro 0			
No. of fellowships requested	Male	None	Female	None	
No. of fellowships granted	Male		Female		
Other fellowships granted	Male		Female		
Notes					
The course was approved on the program but no student bid for EPOCH bursaries, possibly not being eligible (most, if not all, students are UK nationals).					

Course title	Archaeological and Cultural Heritage Preservation Within the Light of New Technologies		No.	4
Period	27.09-2.10.04	Partner	Archaeolingua Foundation	
Location	Százhalombatta Park		Country	HUNGARY
Course program				
<p>The main goal of the course was to familiarize the participants with aspects of conservation, preservation and communication of cultural heritage in an archaeological park environment, starting from aspects such as environmental studies, management aspects and IT applications. All the lectures were held in a frontal lecture format, most focusing on presenting methodological issues and applied research.</p> <p>The lectures were divided into three panels, each day being devoted to a different subject: natural and landscape studies, heritage management and preservation and computer applications to cultural heritage. Each panel held some six lectures, ca. 90 minutes each. At the end of each panel, discussions were held.</p>				
Target audience				
Students and young researchers in the field of CH				
Rationale				
<p>International conferences on IT solutions in archaeology and heritage preservation are mostly out of bounds for participants from Central and Eastern Europe, for the simple reason that the registration costs are usually much too high. Moreover, the curriculum in Hungarian universities does not include subjects on IT technologies – which is a huge deficiency for future archaeologists and researchers alike. Therefore, the workshop tries to fill in this gap by giving an introduction into the various IT methods that can be applied in archaeological and cultural heritage preservation – from the widest possible perspective. A further aim of the workshop is to integrate the course material into the MA curricula of Hungarian universities so that students can get credits for their participation.</p> <p>Reasons of EPOCH acceptance The structure of the course, its location and the proposed curricula stand in line with Epoch's priorities.</p>				
Expected results				
The results are a curricula to be proposed to the Hungarian academy for an MA program in IT applications to CH. Moreover, the participants, most archaeology and CH students received insights into a field with new opportunities for future research and employment.				
Participants			No. of students	25
Besides some twenty national participants, five persons from various countries took part at the course as well: one person from Slovakia, one from Romania, two from Germany and one from Israel. The international participants were graduate students and actively involved in research related to the subject of the course.				
Is the training material available				Yes
Is the training material available for EPOCH?				Yes
Is the training material published/planned for publication?				Yes
Training material				
A syllabus of the course was prepared, printed and distributed to the course participants. It is planned to gather all presentations and prepare a CD-rom of the course, to be available also as a hard copy and an electronic format, accessible via Epoch's web site.				
Follow-up				
The course was part of an annual workshop, started in 1997. It is planned to continue the course next year as well, addressing new relevant issues and adding practical work in the Százhalombatta museum and archaeological park.				
Results				
<p>The course offered a unique opportunity to students and young researchers to have insights into the field of IT applied to CH. It is hoped that the curricula of the course will be adopted by the Hungarian academy and proposed as an MA course.</p> <p>From a first evaluation, the course achieved its goals; its participants left with an accumulated knowledge about various new possibilities and applications of IT in their work environment.</p>				

Several collaboration projects, mainly with the Százhalombatta archaeological park and Epoch were drafted, possibly to be developed in the future.				
EPOCH SUPPORT				
Kind of support	Training (advice regarding the organisation of the course, bursaries (5), teaching (3 lectures), advertisement on the Epoch's web site.			
Total amount of direct funding	Euro 7K€			
No. of fellowships requested	Male	4	Female	5
No. of fellowships granted	Male	3	Female	2
Other fellowships granted	Male		Female	
Notes				

Course title	Creating and managing digital resources, archiving, research funding for digitization, intellectual property			No.	5
Period	26 January 2005	Partner	Archaeology Data Service, U. York		
Location	U. of York, York		Country	UK	
Course program					
The course addresses the documentation of digital resources, with particular focus on the needs of researchers in the cultural heritage and arts and humanities communities. The course will specifically cover the role of digital resources in research and consider the funding (both UK and European) of research and digitization in archaeology. The course will address publication and digital archiving in archaeology, covering the important issue of intellectual property rights. In particular the course will promote good practice in the curatorship and creation of digital data.					
Target audience					
This course is designed for researchers involved in the creation, dissemination and use of digital resources for the arts and humanities and historic environment. The course will be of particular interest to all involved in designing research with digital output, content or involving the preparation of digital archives.					
Rationale					
The course offers the possibility to fill the gap between the need of researchers in the cultural heritage and arts and humanities communities and the available technologies, which many times remain un-applied in CH. Moreover, the course offers a unique training in funding opportunities both at national and EC levels. Both these aspects fit well with Epoch's agenda.					
Expected results					
The expected results are a wider knowledge of digital resources and their applications in the CH field, as well as funding opportunities for digitization and relevant research projects.					
Participants			No. of students	20 (est.)	
The participants are expected to be young researchers and CH public, involved in academic, administration and research of CH.					
Is the training material available				Yes	
Is the training material available for EPOCH?				No	
Is the training material published/planned for publication?				No	
Training material					
NA					
Follow-up					
NA					
Results					
NA					
EPOCH SUPPORT					
Kind of support		Advertisement on the Epoch's web site			
Total amount of direct funding		Euro 0			
No. of fellowships requested	Male		Female		
No. of fellowships granted	Male		Female		
Other fellowships granted	Male		Female		
Notes					
No request for fellowships, see note to the other York course.					

Course title	An Introduction for Cultural Heritage Technologists in the Field of Heritage, its Structure and Practice in Europe Today			No.	6
Period	13-20, 2005	Partner	Ename Center		
Location	Ename	Country	Belgium		
Course program					
This course will offer an introduction and basic background about the structure of heritage institutions and the formulation of heritage policy. Participants will gain familiarity with the major cultural units of the European commission as well as heritage organizations on local, regional, national and international levels. The purpose of this course is to provide a wide understanding and context for the work of cultural technologists within current European cultural heritage administration and policy.					
Target audience					
Graduate level students in cultural heritage					
Rationale					
The course offers a training on such issues rarely approached, or are not accessible to wide audiences. Thus, the course proposed by Ename opened an opportunity to familiarize with issues otherwise non-reachable in standard offers on the market.					
Expected results					
The expected results are a better understanding of the structure of CH institutions in the CE and the process of definition of CH policies and thus a better communication between the various CH institutions: research centers, CH administration, museums and CH parks.					
Participants			No. of students	Ca. 20	
The participants are mostly young researchers, either completing their graduate studies or working in CH institutions (museums or national antiquities board), from Scandinavian and Mediterranean countries as well as from the CE and the CEE countries.					
Is the training material available				Yes	
Is the training material available for EPOCH?				Yes	
Is the training material published/planned for publication?				Yes - planned	
Training material					
Each participant will receive a syllabus and collected photocopies of the required course reading material. They are also expected to participate in seminar discussions.					
Follow-up					
n.a.					
Results					
n.a.					
EPOCH SUPPORT					
Kind of support		bursaries			
Total amount of direct funding		Euro 12K			
No. of fellowships requested	Male	1	Female	11	
No. of fellowships granted	Male	1	Female	10	
Other fellowships granted	Male		Female	1	
Notes					

Course title	European Cultural Landscapes: an Interdisciplinary Approach			No.	7
Period	9-15/05 2005	Partner	CIMEC		
Location	Busteni Training Center	Country	ROMANIA		
Course program					
There is a great need and demand from young archaeologists working in museums and/or having responsibilities for the regional sites and monuments record to learn interdisciplinary methods to identify and properly locate sites on the map, to record archaeological landscapes and to present them on-line for professional, amateurs and cultural tourism. The application of the European Landscape Convention will bring new challenges for archaeologists. The course aims to give archaeologists up-to-date knowledge in using basic principles of aerial survey, air photography, air photo interpretation and air-photo mapping (from oblique as well as vertical photography), satellite imagery, geographic information systems, digital mapping and data standards.					
Target audience					
archaeologists working in museums and/or having responsibilities for the regional sites and monuments record					
Rationale					
The target public is often unaware and not exposed to the subjects covered by the course, neither at the academic level or by the professional formation and training.					
Expected results					
A more efficient management of CH resources and research.					
Participants				No. of students	30 (provision)
Not yet available					
Is the training material available				Yes	
Is the training material available for EPOCH?				Yes	
Is the training material published/planned for publication?				Yes	
Training material					
Not yet available					
Follow-up					
Not yet available					
Results					
Not yet available.					
EPOCH SUPPORT					
Kind of support		Training, bursaries, teaching			
Total amount of direct funding		NA			
No. of fellowships requested	Male	NA	Female	NA	
No. of fellowships granted	Male		Female		
Other fellowships granted	Male		Female		
Notes					
The course will start after the compilation of the present report and its organization is still ongoing.					

Course title	Standardization and Documentation of Archaeological Records for the Improvement of Cultural Heritage Management and Protection			No.	8
Period	13-18/06 2005	Partner	PIN scri		
Location	Prato, PIN, University of Florence		Country	ITALY	
Course program					
A major problem of research of the archaeological science is the lack of standardization concerning methods of excavation and documentation of retrieved data. Moreover, these methods do not always take consider aspects such as restoration of architectural features, cultural heritage management or storing the data in a standard mode, available for future research. Given the latest developments in the computer science in general, as image processing, data-storing and documentation techniques, improved excavation techniques and archaeological data retrieving are needed to be developed. Following, an adequate documentation method and data-storing will facilitate a wider dialogue between researchers which will improve the flow of information needed in the scientific research. Moreover, adding additional aspects, such as preservation, restoration and presentation to the public of the archaeological data will increase the awareness of both the scientific media and the wide public, for CH aspects of the research area in particular and cultural zones in general.					
Target audience					
young researchers and professionals in the field of archaeology, management and conservation of CH					
Rationale					
Integration of several fields of research into one, interdisciplinary curriculum, and updating to the new technologies and relevant methodologies available on the market.					
Expected results					
An interdisciplinary knowledge base offered to the participants, which would improve their achievements, both professionally and scientifically.					
Participants			No. of students	20 (provision)	
Not yet available					
Is the training material available				Yes	
Is the training material available for EPOCH?				Yes	
Is the training material published/planned for publication?				Yes	
Training material					
Not yet available					
Follow-up					
Not yet available					
Results					
Not yet available					
EPOCH SUPPORT					
Kind of support		Training, bursaries, teaching			
Total amount of direct funding		NA			
No. of fellowships requested	Male	NA	Female	NA	
No. of fellowships granted	Male		Female		
Other fellowships granted	Male		Female		
Notes					
The course will start after the compilation of the present report and its organization is still ongoing.					