

## First step of an E-learning project

In the middle of September 2010 (13<sup>th</sup> -17<sup>th</sup>), twelve LINQED members (see Annex 1) from ten partner institutes gathered at ITM for the Technology Enhanced Learning (TEL) workshop. This workshop belongs to LINQED E-learning project which was funded within the Framework Agreement (FA3) between the Belgian Directorate General of Development Cooperation (DGDC) and ITM, with as central theme *Switching the poles*.

The overall aim of the workshop was to develop and strengthen knowledge and skills regarding TEL among LINQED partners. The workshop was conceived as an interactive training with hands-on sessions and has been based on a social-constructivist approach, building on strengths and insights of all the participants.

The workshop targeted the LINQED member institutions who had expressed an interest in this field and who are planning to set up or have taken the first steps in developing TEL programs. This workshop was jointly organized by LINQED and ITM Telemedicine group. ITM staff delivered most of the training together with three facilitators coming from partner institutions (Perú and South Africa).



A month before the start of the workshop, a questionnaire was circulated between LINQED members to gather more detailed information on the participants' background. The results of the questionnaire showed that the participants had a profile of course coordination, having management function and/or teaching responsibilities. Based on the data collected and the needs assessment gathered from the survey, the drafted workshop program has been further fine tuned and agreed. Participants were especially interested in learning about the following topics:

- Redesigning an existing course into an online course
- Developing an online course (which was not previously delivered face-to-face)
- Setting up or maintaining an online network or a community of practice
- Evaluate eLearning projects (measurable indicators, monitoring)
- Developing various computer-aided assessments

During the first day of the TEL workshop, participants were kindly asked to give a 10-15 minutes presentation to share information about their own e-learning experience. This step set the dynamics of the workshop. During this week, specific topics raised by participants' presentations were scheduled for more elaborated discussions.



The presentations given by facilitators and participants led to different questions and deeper reflections, such as “what principles/ guidelines should we follow to design the interface of an

online course? How to motivate and tutor students online? How to effectively give feedback to individual students?” Following the discussions, with a snowball effect, other possible areas of interest for the participants were explored. Moreover several technology tools were explored and tried out in the hands-on sessions. All the work done throughout the week culminated in a day devoted to the presentations of the existing or planned online courses at their institutions. Finally all participants were asked to evaluate the workshop and give feedback on what could be the focus of future learning activities on E-learning.

An initial step suggested by the participants was to establish an e-learning community. Using a discussion forum, it is expected that all the people who attended the TEL workshop can keep in touch with each other, sharing information and experiences related to e-learning. But all this is easily said. If it is the way to go, regarding the implementation, LINQED is confronted with a lot of questions and challenges. For instance, how can we make sure that the group involved in the TEL workshop will evolve into a community with members learning and supporting each other? How can we evolve from a general interest in E-learning towards a common engagement and involvement in online learning products relevant to all partners?

The e-learning project has a long and winding road to travel.

#### **Annex 1. List of participants and facilitators**

#### **Annex 2. Workshop program**

## Annex 1. List of participants and facilitators

First Names	Family name	Country	Institution	E-mails
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Juan Ignacio	Echevarria Zarate	Peru	Professor who is in charge of tele-education & telemedicine unit in the Faculty of medicine at the Universidad Peruana Cayetano Heredia	<a href="mailto:juan.echevarria.z@upch.pe">juan.echevarria.z@upch.pe</a>
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## Annex 2. Workshop program

# “Technology Enhanced Learning (TEL): exploring possibilities and tools for low-resource settings”

A training workshop

Institute of Tropical Medicine  
Antwerp, Belgium  
13 - 17 September 2010



University of Pretoria



**MONDAY September 13  
DAY 1 (Room X)**

TIME	TOPIC	RESPONSIBLE
9.20 - 9.50	Welcome and introduction and who-is-who	Hilde Buttiens
9.50 - 10.20	What is your definition of eLearning?	Everyone (organisers and participants)
10.20 - 10.50	Subodh S. Dhakal Aprisa Chrysantina Valeria Campos da Silveira	Participants
10.50 - 11.05	Coffee break	Room X
11.05 - 11.50	IPH's eLearning journey  Q/A	Kavya Rangaswamy
11.50 - 12.35	Bloom's taxonomy  Q/A	Devaji Patil
12.35 - 13.00	We are all connected (social networked age)  Q/A	Inge de Waard
13.00 - 14.00	Lunch	Cafeteria
14.00 - 14.45	Design and architecture of a DE program - adaptations and contextualization  Q/A	El-Marie Mostert
14.45 - 15.15	Design and architecture of a DE program – continued  Q/A	El-Marie Mostert
15.15 - 15.30	Coffee break	
15.30 - 16.05	Pedagogical approaches and perspectives in eLearning  Q/A	Lai Jiang

16.05 - 17.00	Developing an eLearning case: what, how, who, when, where ... the intro	Hilde Buttiens, Lai Jiang, Inge de Waard
17:00 -	Social activity	All

**TUESDAY September 14  
DAY 2 (Room X)**

TIME	TOPIC	RESPONSIBLE
9.00 -09.30	Tools and delivery options Q/A	Linda Venter
9.30 -10.00	Teaching with technology: How to select technology and how to teach with it	Inge de Waard
10.00 -10.30	Re-usability and standards  Q/A	Carlos Kiyán
10.30 -11.00	Learning from e-learning Q/A  Relationship between the tutorial action and LMS in the learning process	Juan Echevarria  Katuska Castillo Castañeda
11.00 -11.15	Coffee break	Room X
11.15 -11.30	Introduction to hands-on session	El-Marie Mostert, Linda Venter, Carlos Kiyán, Inge de Waard
11.30 -13.00	Tools (we will choose which ones in follow-up of the questionnaire): mindmap, eXeLearning,...?	El-Marie Mostert, Linda Venter, Carlos Kiyán & Inge de Waard
13.00 -14.00	Lunch	Cafeteria
14.00 -15.15	Computer-aided assessment (again we will look at the feedback from	El-Marie Mostert, Carlos Kiyán & Inge de Waard



	the questionnaires the participants need to fill in) Possible: articulate quizmaker, hot potatoes...  Q/A	
15.15 -15.30	Coffee break	Room X
15.30 -17.00	Developing an eLearning case	All

**WEDNESDAY September 15  
DAY 3 (Room East)**

TIME	TOPIC	RESPONSIBLE
9.00 -10.00	Challenges in implementing eLearning programs	Linda Venter & Inge de Waard
10.00 -11.00	Monitoring & evaluation in e-learning environments  Discussion	Inge de Waard & El-Marie Mostert  All
11.00 -11.15	Coffee break	Cafeteria
11.15 -13.00	Distance education benefits and examples from the eSCART experience  Coaching or tutorial action during an eLearning course  Q/A  Formal/informal eLearning, quality assurance and the role of a LMS  Q/A	Françoise Lequarré & Carlos Kiyán       Carlos Kiyán
13.00 -13.45	Lunch	Cafeteria

13:45 -15:00	Developing an eLearning case	
15:00 -	Free time	

**THURSDAY September 16  
DAY 4 (Room East)**

TIME	TOPIC	RESPONSIBLE
9.00 - 11.15	Tools and delivery options for second-opinion advice: tools for tele-consultations (on/off-line services)  Organizing a telemedicine service  ITM Telemedicine website: an example of a second opinion tool  How to take pictures  Q/A	Maria Zolfo       San-Ho Correwyn
11.15 - 11:30	Coffee break	Cafeteria
11.30 - 13:00	Introduction to setting-up online support and exchange systems for health professionals: continuing medical education (CME), communities of practice  principles and challenges for implementation  Hands-on: CME  Q/A	Maria Zolfo
13.00 -14.00	Lunch	Cafeteria
14.00 -15.15	Developing an eLearning case	All
15.15 -15.30	Coffee break	Cafeteria
15.30 -17.00	Developing an eLearning case	All

**FRIDAY September 17**  
**DAY 5 (Room East)**

TIME	TOPIC	RESPONSIBLE
9.00 -10.00	Mobile learning intro with international projects and easy tools overview Q/A	Inge de Waard
10:00 -10:30	Tibotec project Q/A	Carlos Kiyan
10.30 -11.00	Videoconferencing systems	Stefan De Pauw
11.00 -11.15	Coffee break	
11.15 -13.00	Presentation of all the personal eLearning cases	All
13.00 -14.00	Lunch	
14.00 -15.40	Presentation of all the personal eLearning cases	All
15.40 -16.30	LINQED and TEL Discussion on further needs of members and LINQED support regarding TEL	Hilde Buttiens, Lai Jiang
16.30 -17.00	Course evaluation, final greetings and Certificate of Attendance	All