

Ministry of Health of Viet Nam
Hai phong University for Medicine and Pharmacy
72A, Nguyen Binh Khiem, Haiphong City



**E-learning
for Health**
by IBSA

AN INNOVATIVE E-LEARNING APPROACH FOR HEALTH

**A PRE- AND IN-SERVICE MEDICAL TRAINING TO IMPROVE
COVERAGE AND QUALITY OF HEALTH SERVICES IN THE
NORTHERN COASTAL REGION OF VIET NAM**

QUARTERLY PROGRESS REPORT #9
(JANUARY-FEBRUARY-MARCH 2017)

HAIPHONG, 29 MARCH 2017

QUARTERLY PROGRESS DASHBOARD (JAN-FEB-MAR 2017)



PROJECT OVERVIEW



PROJECT

An innovative e-learning approach for health: A pre- and in-service medical training to improve coverage and quality of health services in the Northern coastal region of Vietnam



PARTNERS

- Haiphong University of Medicine and Pharmacy
- Ministry of Health of Viet Nam
- UN in Viet Nam (Represented by WHO)



BENEFICIARIES

Pre- and in-service health care workers in Northern Coastal Region of Viet Nam



TIMEFRAME

March 2015 to February 2018

KEY PROJECT PROGRESS



ACTIVITIES CONDUCTED

- IT equipment installed and operational
- Further planning and development of curriculum ongoing
- Continue to manage the project



PROGRESS TOWARDS OUTPUTS

- IT equipment essential to operationalize e-learning for health at University and remote project locations
- Development of curriculum of elearning courses is ongoing
- Capacity of staff further increased at University



CHALLENGES ENCOUNTERED

- Development of Moodle e-learning Platform delayed until April because problems of finding a suitable domestic software company. Looking into international one to mitigate the impact.
- Additional IT equipment might be required (upgrade of Internet connection) to smoothly complete project
- Possibility of extension of 6 month of project (until September 2018) being considered to not overburden local implementing partner

FINANCES



PROJECT BUDGET

Total Project Budget
990,000 USD



PROJECT EXPENDITURES

Current project expenditures
323,882 USD
(until previous Qrts)
+ 46,001 USD (this Qrt)
= 369,883 USD

UPCOMING ACTIVITIES



PLANNED ACTIVITIES

- Further installation of IT equipment at remote project sites
- Development of curriculum and content of e-learning courses
- Ceremony with IBSA Ambassadors (18 April)
- Steering committee meeting planned (18 April)
- Mid-term review planned in May 2017

DETAILED QUARTERLY PROGRESS REPORT

Project title: *An Innovative E Learning Approach for Health: A pre- and in-service training for the health workforce to improve coverage and quality of health services in the Northern Coastal Region of Viet Nam*

Project partners: Haiphong University of Medicine and Pharmacy

Reporting Period: **October-November-December (Year 3 – Quarter 1 of project)**

#	EXPECTED PROJECT OUTPUTS AND INDICATORS INCLUDING ANNUAL TARGETS	ACTIVITIES	EXPENDITURES (IN US\$)	RESULTS OF ACTIVITIES	PROGRESS TOWARDS ACHIEVING OUTPUTS
1	<p>Output 2: Educational e-learning model has been developed as well as the training/educational content to be delivered for pre- and in-service medical training</p> <p>Baseline: N/A Targets:N/A</p> <p>Indicators:</p> <ul style="list-style-type: none"> • Report providing an outline of which subjects will be taught and which educational model will be used to teach them • Report of tele- and videoconferences and possibly study tours • Training curriculum for both topics developed by Haiphong Medical University and approved by WHO <p>Related CP outcome: Increased quality and effective management of education and training systems, and increased access to pre-primary, primary, and continuing education, particularly for the most vulnerable and disadvantaged groups</p>	<ol style="list-style-type: none"> 1. Technical exchange and knowledge transfer between Hanoi, Hue and Haiphong Universities 2. Workshop on curriculum development for e-learning courses 3. Workshop on operationalizing curriculum for e-learning courses 4. Development and customization of moodle software 	10,012 USD	<ul style="list-style-type: none"> • Technical exchange and knowledge transfer between Hanoi, Hue and Haiphong Universities has helped Haiphong University of Medicine in understanding what is needed to successfully operate eLearning. Also sharing of information both at technical and operational level has taken place. • At Haiphong, workshops were held with relevant stakeholders to develop curriculum for a course on noncommunicable diseases. The workshops discussed curriculum, methods of delivery, operational aspects as well as educational tools. • The development and customization of moodl software has been postponed until April/May for reasons of not being able to identify a suitable local software company capable of doing the job. 	<ul style="list-style-type: none"> • Technical exchanges between Universities in Viet Nam and stakeholder workshops help Haiphong University to: <ul style="list-style-type: none"> ○ Gain an understanding of the technical aspects of setting up elearning. Also helped to identify lessons learned, operational mechanisms, and suitable content for curriculum. ○ Collect impressions/feedback from end-users and trainers which have used eLearning systems before in other settings. ○ Gain an understanding how eLearning can complement/substitute traditional forms of learning ○ Have access to drafts and templates from local elearning systems and curriculum materials in Vietnamese.

2	<p>Output 3: Equipment in place for the delivery of e-learning for pre- and in-service medical training to improve coverage and quality of health care services in the Northern coastal region of Vietnam</p> <p>Baseline:N/A Targets:N/A</p> <p>Indicators:</p> <ul style="list-style-type: none"> • List of IT Equipment procured • List of staff trained to operate IT equipment <p>Related CP outcome: Increased quality and effective management of a comprehensive national health system, including health promotion and health protection, with a focus on ensuring more equitable access for the most vulnerable and disadvantaged groups;</p>	1. IT Equipment installed	0 USD (expenditures registered in previous quarter-activity executed in this quarter)	<ul style="list-style-type: none"> • The following IT equipment was installed and operational in a dedicated room. <ul style="list-style-type: none"> ○ 2 laptops ○ 22 desktop computers (including monitor and peripherals, software) ○ Software to monitor usage of bandwidth ○ Firewall software ○ Webcasting software ○ Authoring software ○ 8 LCD projectors ○ 8 MFC printers ○ 1 Access Network Switch (3750x) ○ Wireless Lan controllers + 20 access points ○ 1 Poweredge R370 server ○ 4 Network Interface cards • Based on discussions between University, WHO and Ministry of Health some additional IT equipment will be procured particularly to upgrade the speed of the internet and to buy a camera for recording of lectures. This decision is set to be formalized during the 18th of April 2017 Steering Committee meeting. • IT equipment installation at remote project locations ongoing <ul style="list-style-type: none"> ○ 8 desktop PCs ○ 8 TV's • More advanced staff training has been identified as an area of concern. This will be discussed during the next project steering committee meeting. 	<ul style="list-style-type: none"> • The purchased IT equipment is installed to support Haiphong University of Medicine and Pharmacy to operate its IT lab in which students and professors could access modern electronic training materials and also for academic personnel to develop elearning modules for health care workers in the Northern Coastal region of Viet Nam. • A set of IT equipment is in the process of being installed at a remote project location to allow health care workers in hard to reach areas access new training content and to participate in continuous medical education. This process is ongoing, but will only be completed in April/May. • The purchase of additional IT equipment to improve the speed of the internet and to record video lectures is deemed essential to run elearning modules in a smooth manner.
---	--	---------------------------	--	---	--

3	<p>Project Management</p> <p><i>Baseline: N/A</i> <i>Indicators: N/A</i></p> <p>Related CP outcome: Increased quality and effective management of a comprehensive national health system, including health promotion and health protection, with a focus on ensuring more equitable access for the most vulnerable and disadvantaged groups; <i>Targets: Annual reports</i></p>	1. Salary of Coordinator	2,544 USD	<ul style="list-style-type: none"> The coordinator has helped to keep the project on track and take more responsibility and ownership of the day-to-day management of the implementation of the project. The coordinator is based in Haiphong University. The three key involved project partners (WHO, MoH, Haiphong University of Medicine and Pharmacy) are discussing the option of extending (at no-cost) the end of the project by 6 months until September 2018. This would allow for a smooth implementation of all stages of the project and suited to the needs of the available local capacity. 	<ul style="list-style-type: none"> Coordinator keeps track of implementation to support the overall outcomes of the project. The coordinator also helps to ensure local ownership and sustainability. No-cost extension of project by 6 months until September 2018 is important to not overburden and poorly implement the project from April 2017, until the currently projected end date of March 2018.
4	<p>Technical assistance</p> <p><i>Baseline: N/A</i> <i>Indicators: N/A</i></p> <p>Related CP outcome: Increased quality and effective management of a comprehensive national health system, including health promotion and health protection, with a focus on ensuring more equitable access for the most vulnerable and disadvantaged groups; <i>Targets: Annual reports</i></p>	<p>1. Technical assistance provided by WHO throughout all stages of the project including:</p> <ul style="list-style-type: none"> Technical assistance with procurement Financial management Organization and facilitation of study tours 	26,537 USD	<ul style="list-style-type: none"> WHO facilitated the delivery, customs process and installation of IT equipment in accordance with the WHO/UN guidelines on procurement. WHO also facilitated the participation of Haiphong University of Medicine and Pharmacy in relevant technical meetings in Hanoi WHO introduced the WHO-ITU toolkit on ehealth in Vietnamese to provide a framework for the sustainable development of elearning applications in the Northern Coastal Region of Viet Nam. 	<ul style="list-style-type: none"> The technical support provided by WHO helps Haiphong University of Medicine and Pharmacy to make use of the best possible available knowledge and ensures the project remains on track. It also ensures a fit for purpose project with technical and financial limitations.

5	Monitoring and Evaluation <i>Indicators: N/A</i> Related CP outcome: Increased quality and effective management of a comprehensive national health system, including health promotion and health protection, with a focus on ensuring more equitable access for the most vulnerable and disadvantaged groups;	1. Continue to update monitoring and evaluation framework 2. Activated quality assessment issue risk log 3. Submission of project progress reports	6,908 USD	<ul style="list-style-type: none"> Monitoring and evaluation logs and framework have been updated to ensure the implementation of the project Project reports submitted Planning for next steering committee meeting on 18th of April. 	<ul style="list-style-type: none"> Monitoring and evaluation logs and framework have been updated to ensure a smooth implementation of the project. Steering committee on 18th of April will review the request from Haiphong University of Medicine and Pharmacy to reallocate
6	Dissemination	1. Dissemination of project findings and lessons learned	0 (expenditure to be budgeted in next Quarterly report)	<ul style="list-style-type: none"> Organization of ceremony to symbolically handover IT equipment in presence of IBSA Ambassadors to Viet Nam on 18 April 2017 	<ul style="list-style-type: none"> Increased awareness of project and visibility for IBSA donors and partners executing the project.
Total :			46,001 USD		

Report prepared by: Emmanuel Eraly, WHO Technical Officer in collaboration with Dr Pham Van Linh (Haiphong University of Medicine and Pharmacy)

EE 28/03/2017

Cross-checked by: Dr Escalante Socorro, WHO Group Coordinator, Health Systems Development Team

for Rily

Approved by: Dr Lokky Wai, WHO Representative to Viet Nam

Lokky Wai

For more information please contact:

Emmanuel Eraly

Office of the WHO Representative in Viet Nam

World Health Organization | Office of the WHO Representative in Viet Nam | , Viet Nam

Tel: +84 4 38500282 | E-mail: eralye@who.int | Web: <http://www.wpro.who.int/vietnam>

