



Northern Maritime University
North Sea Region

The Interreg IVB
North Sea Region
Programme



Northern Maritime University (NMU)

DELIVERABLE D5.1.2

REVISED CONCEPT FOR PILOT EVALUATION FOR NMU2

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1 INTRODUCTION

This deliverable establishes the concept for the pilots and the evaluation of the pilot runs of modules and module elements in the project extension phase of the Northern Maritime University project (NMU2). The concept for pilots belongs to task 5.1 and the evaluation of the pilot runs belongs to task 5.4 under WP5 and the main responsible partner is Molde University College. Other partners in WP5 are FH-Kiel, FH-Lübeck, FH-Bremen, Jacobs University, TRi Napier and Pantrak. This deliverable is based on Deliverable 5.1.1 which established the concept for pilot evaluation under the first phase of the NMU project (NMU1).

Based on experiences from NMU1, the consortium agreed upon a somewhat simplified evaluation scheme for NMU2, where the main change is that we now drop the ex. Ante forms, and replace these by a Pilot Fact Sheet.

The pilots of NMU2 are scheduled to be run either in spring 2011 or autumn 2011. May be a few pilots will also be run in Q1/2012. Some of them will be aimed at ordinary student groups and some at a stakeholder audience. We have emphasized that we want variety in the selection of pedagogical approach, technology platforms, target groups and subject areas. The evaluation of the pilots will therefore have to encompass all these dimensions to ensure a good learning outcome for the network, stakeholders and the general audience.

This short deliverable will only define some principles, concepts and tools for the evaluation process. The outcome of the evaluations will be reported on in a separate deliverable.

Thanks to consortium members for constructive suggestions to an earlier versions of this document. The original version of Section 3 was written by Phanthian Zuesongdham of Jacobs University, the revised version and the remaining part is written by Harald M. Hjelle of Molde University College – Specialized University in Logistics.

2 THE PILOT RUNS IN THE NMU PROJECT CONTEXT

The NMU project is now about 70% through its project period. In NMU1 a wide range of NMU module elements were tested out as pilots, and this is reported upon in Deliverable 5.4.1. Entering NMU2 we have a much stricter time schedule to relate to, as we need to develop new material, develop e-learning content, plan and execute pilots, report and evaluate within 18 months.

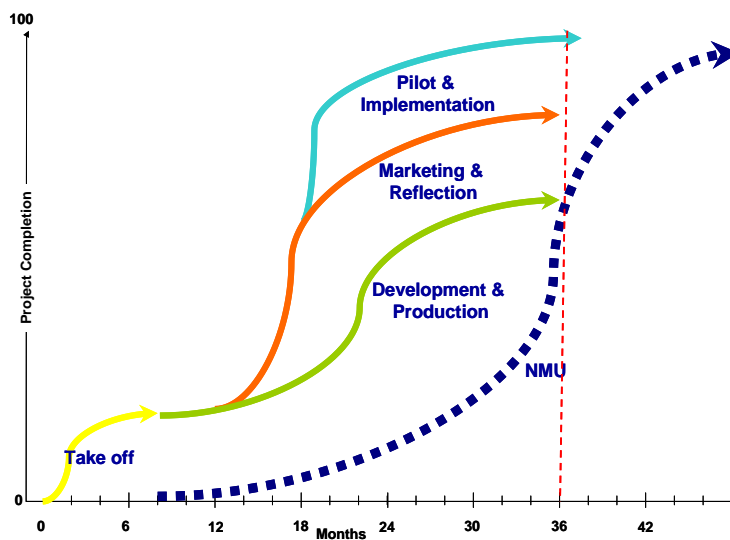


Figure: Project completion and work package phases in NMU1

During the coming months, the consortium will carry out many more pilots runs, some based on modules developed under NMU1 and some based on modules that are to be developed under NMU2. The pilots will be run at different locations – some of them based on traditional face-to-face learning methods, and some on our common e-learning platform. Pilots will be aimed at various stakeholder groups and also offered to students at the participating academic institutions.

Our aim is to learn as much as possible from the pilot runs, and therefore we want to test-run courses based on different pedagogical platforms and different sizes (workloads ranging from 1.5 to 7.5 ECTS). We also want variety with respect to subject areas and target groups. The pilots will be module elements or full modules either based on the 7 NMU1-modules that have been developed through first part of the project. These are:

- Module A “Applied Maritime Transport Management”
- Module B “Applied Maritime Economics”
- Module C “Maritime Transport and the Environment”
- Module D “Logistics and Global Supply Chain Management”
- Module E “International Maritime Human Resource Management”
- Module F “Intermodal Freight Transport”
- Module G “Ship Technology”

Some pilots will also be based on NMU2 modules, yet to be developed. These are:

- Module H: “Offshore industry and shipping related to renewables”
- Module I: “Bunkering - operations, management and technology”
- Module J: “Cruise shipping - Operations, management, strategies”
- Module K: “Ferries and MoS – Operations, management, strategies”
- Module L: “Intercultural Management and Corporate Social Responsibility, organisational behaviour”
- Module M: “Hinterland management related to port management”

Typically, more than one partner is involved in each module, effectively playing on the speciality competences of the individual partners. All pilot runs will be closely monitored and evaluated for further development.

3 EVALUATION CONCEPT

3.1 **Before the pilot run**

Before the pilot run the main responsible partner should fill in and mail the form called Pilot Run Fact Sheet, attached below, to Harald M. Hjelle (HiMolde) and to Indah Rosalie Lengkong (Jacobs). Here details about the setting of the pilot, the way it has been marketed etc. should be reported upon.

3.2 **Ex post evaluation**

When the pilot has been completed we would like to log the experiences of teachers and participants as broadly as possible. We will have to leave most questions open-ended in order to capture all relevant elements and dimensions. Once again we will mainly log this through written evaluation forms.

Three forms are developed for the Ex ante evaluation, these are mainly unchanged to the ones applied in NMU1, but there are a few changes reflecting the fact that we now have dropped the ex-ante forms, plus a number of lay-out changes:

- Form 2A, ex post course facts to be filled in by main responsible partner
- Form 2B ex post teachers' experiences.
- Form 2C ex post students'/participants' experiences

4 EVALUATION FORMS

Three different evaluation forms plus one fact sheet is presented on the following pages. The fact sheet should be completed before the pilot run, or as early as possible after the start, the three last ones after the pilot is completed.

Each form is on a separate page, so printouts of the forms could be used easily.

NOTE: If the relevant respondents are not able to apply an English language form then the pilot administrator should develop an equivalent form in the relevant language and assist the WP5 leadership in interpreting the answers given.

Please note that some elements of forms 2B and 2C should be filled in by the pilot administrator before distributing the form to respondents.

The responsible partner for each pilot run should make sure these are completed by the relevant respondents and submit them to the WP5 leader Molde University College as soon as possible. **NOTE: Our experience from NMU1 tells us that applying only online forms will give a much weaker response rate compared to an “in-class” paper-based approach. We therefore strongly recommend the paper-based version to be used if possible.**

Mailing address for submission of completed forms (scanned):

Molde University College
att: Harald M. Hjelle
Postboks 2110
NO-6402 Molde
Norway

Or preferably scanned ones submitted via e-mail: harald.hjelle@himolde.no. Please also submit a copy to Indah Rosalie Lengkong at i.lengkong@jacobs-university.de .

Or fax to Harald M. Hjelle at +47 71 21 41 00 with a clear indication of recipient and number of pages on the front page.



4.1 **NMU Pilot Course Fact Sheet**

– to be completed and submitted by partner responsible for the pilot before the pilot run

1A.1	Name of NMU module / module element the pilot course belongs to	
1A.2	NMU partner responsible for the pilot run	
1A.3	Other NMU partners involved	
1A.4	Teachers/Lecturers and other persons involved	
1A.5	Timing of the pilot run (please indicate total timeframe and timing of gatherings/events)	
1A.6	Venue(s) for gatherings	
1A.7	Target audience (please indicate type of participants)	
1A.8	Expected number of students/participants at start-up (if mixed, please split number by type of audience)	
1A.9	Teaching/learning methods applied (pure e-learning, face to face, mix)	
1A.10	Evaluation and feed-back methods applied (exams and coursework + any other form of participant feed-back mechanism)	
1A.11	How was the pilot marketed?	
1A.11	Other comments	

Please use back of the form for extra information if more space is needed (indicate item numbers).



4.2 NMU Evaluation form 2A Pilot Course Ex Post Report
– to be completed by partner responsible for the pilot ex post

2A.1	Name of NMU module / module element the pilot course belongs to	
2A.2	NMU partner responsible for the pilot run	
2A.3	Other NMU partners involved	
2A.4	Number of students/participants that participated and completed the pilot course	Number of participants that took part in (part of) the pilot: _____ Number of participants that completed ¹ the pilot: _____
2A.5	Comments about deviations relative to the planned framework of the pilot (contents, practical arrangements, teaching methods, participant groups)	
2A.6	Implications of the pilot experience for future module development and delivery	
2A.7	Other comments about the practical side of the pilot run	

Please use back of the form for extra information if more space is needed (indicate item numbers).

¹ E.g. that received a diploma or transcript of records.



**4.3 NMU Evaluation form 2B Pilot Course Experiences –
Teacher’s Perspective**
– to be completed by each Professor/Lecturer involved in the pilot run ex post

2B.1	Name of NMU module / module element the pilot course belongs to ²	
2B.2	Your name and contact details (for possible follow-up questions by the NMU-WP5 team)	
2B.3	Describe your involvement/role in the pilot	
2B.4	To what extent would you call the pilot run a success? (please give a few details about elements that you think were more or less successful)	
2B.5	Other comments	

Please use back of the form for extra information if more space is needed (indicate item numbers).

² To be filled in by pilot module administrator



NMU EVALUATION FORM 2C PILOT COURSE EXPERIENCES – PARTICIPANT’S PERSPECTIVE

– TO BE COMPLETED BY EACH STUDENT/PARTICIPANT INVOLVED IN THE PILOT RUN EX POST

2C.1	Name of NMU module / module element the pilot course belongs to ³	
2C.2	What is your main occupation (tick)	<input type="radio"/> Student Bachelor’s level <input type="radio"/> Student Master’s level <input type="radio"/> Employee in maritime company <input type="radio"/> Manager in maritime company <input type="radio"/> Employee in other company <input type="radio"/> Manager in other company <input type="radio"/> Public servant <input type="radio"/> Politician <input type="radio"/> Member / representative of NGO <input type="radio"/> Other: _____
2C.3a	Age	<input type="radio"/> Age under 25 <input type="radio"/> Age 26-40 <input type="radio"/> Age above 40
2C.3b	Gender	<input type="radio"/> Male <input type="radio"/> Female
2C.4	How is your overall satisfaction with this pilot module?	
		Very poor Poor Average Good Very good
2C.5	How is your satisfaction with what you have learnt from this module? (Learning outcomes)	
		Very poor Poor Average Good Very good
2C.6	How is your satisfaction with the way this pilot module was conducted? (Quality of lectures and/or other course activities)	
		Very poor Poor Average Good Very good
2C.7	How is your satisfaction with the <i>practical arrangements</i> related to this pilot module?	
		Very poor Poor Average Good Very good
2C.8	What are the major advantages of this course?	
2C.9	What are the major disadvantages of this course?	
2C.10	Other comments	

Please use back of the form for extra information if more space is needed (indicate item numbers).

³ To be filled in by pilot module administrator