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REPORT ON CROSS-EVALUATION PROJECT

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PROJECT INFO

Project title	Digitalisation of water industry by innovative graduate water education
Project acronym	DIGIWATER
Project reference number	621764-EPP-1-2020-1-NO-EPPKA2-KA
Action type	Knowledge Alliances in Higher Education
Web address	http://waterharmony.net/projects/digiwater/
Coordination institution	Norwegian University of Life Sciences (NMBU)
Project duration	01 January 2021 – 30 April 2024

DOCUMENT CONTROL SHEET

Work package	WP5 External Evaluation
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Author(s)	Recep Kaya
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VERSIONING AND CONTRIBUTION HISTORY

Version	Date	Revision description	Partner responsible
v.01	30/04/2024	Final document	MEMSIS

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1. INTRODUCTION

WP5 aims to comprehensively evaluate the project results in terms of meeting the stakeholders' needs documented in the Roadmap (WP1). The primary objectives are:

1. to assess that the developed curricula, teaching and learning materials and tools meet the needs of the market and society,
2. to evaluate the Digital Water Living Lab developments according to their usefulness and applicability for the end-users and
3. to assess the effectiveness of the specific project deliverables from WP1-4.

The Key Performance Indicators are the number of:

1. stakeholders involved in external evaluation (>30)
2. evaluation reports (>10)

External evaluation is anticipated for the Digital Water curriculum (T5.1), syllabi (T5.2), slides (T5.3), practical assignments (T5.4), trainings (T5.5), prototypes (T5.7), demo-cases (T5.8) quality assurance plan (T5.9). Moreover, T5.6 constitutes a cross-project evaluation during the open education sessions, while T5.10 consists of a cross-project evaluation. For T5.1-5.9, task leaders will use Quality Assurance tools (WP4) to develop surveys and other forms of evaluations by external stakeholders, conduct such evaluations using online surveys or other means of implementation, collect evaluation results and present in a processes form suitable for generating changes and corrective measures in WP1-4. Evaluation in T5.1-T5.4, T5.7-5.8 will be organised utilising online platform and involving to evaluation webinars participants from 5 European and 5 non-European Universities, 5 SMEs, 5 end-users and 10 students.

This report revolves around T5.10 on the cross-evaluation of the DIGIWATER and CCWATER projects, treats the used methodology, and discusses the evaluation results.

2. METHODOLOGY

Successful practice of cross-project evaluation from the previous Water Harmony Erasmus+ and other multi-national educational projects coordinated by NMBU and partners (www.waterharmony.net) was taken further in this project. The idea of cross-project evaluation is to exchange assessments between several ongoing curricula development projects. For this purpose, ongoing “CCWater - Graduates for Climate Change adapted water management” project consortia participated in evaluation, total 27 experts from 2 projects (DIGIWATER and CCWATER) (Figure 1).

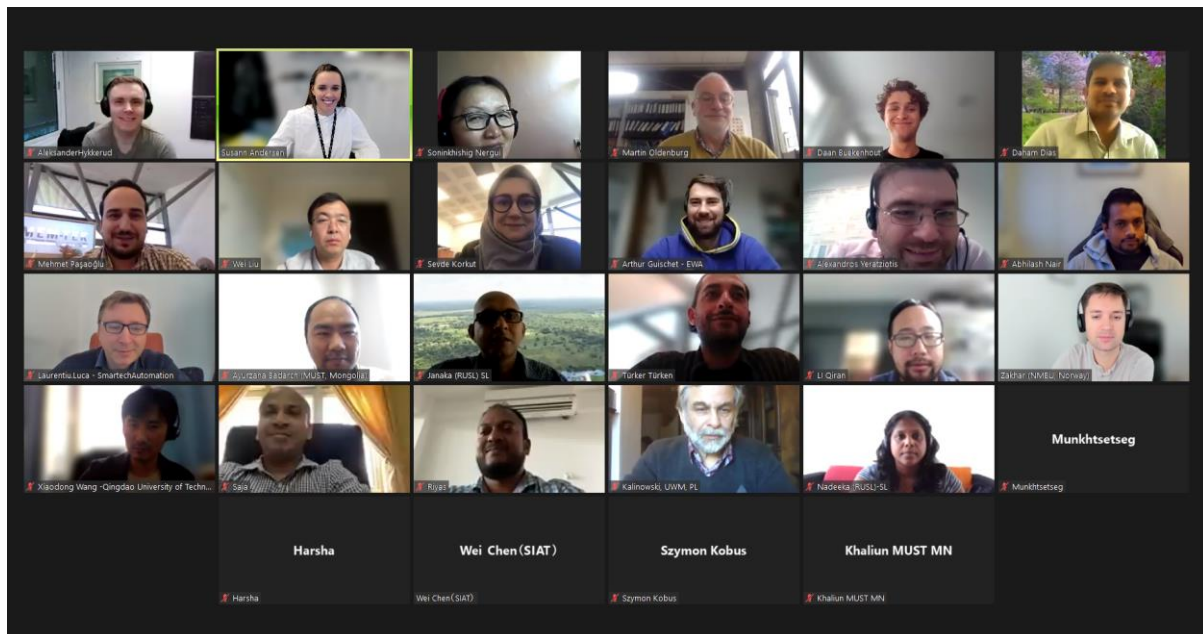


Figure 1: Participants of meeting

This external review panel first conduct presentation of the project by the project manager. Then, each WP leader made a presentation for activities. Monitoring of impact, dissemination, exploitation, and sustainability, quality assurance and project management and internal communications were discussed. During the presentations, project coordinator Zakhar Maletskyi moderated GroupMap template and the partners added comments on GroupMap regarding the evaluated two projects. Detailed agenda was given Annex 4.2.

3. EVALUATION RESULTS

In the scope of evaluation panel, evaluation steps were divided into four parts. The panelist would like to improve comments on workpackages such as

- Collaboration between different tasks
- Dissemination on social media like some paid ads to increase followers on Facebook.
- Exchanging the efficient implementations between the Project (from CCWater to DIGIWATER or vice versa)
- Quality assurance objectives of both projects
- Improving the interaction between partners on tasks that are delayed by additional discussions, meetings



Also the followings are could be added to the Project work package operation. Such as

- Additional information on development of prototypes should be delivered to the partners
- Link to Big Data course in CCWater
- Living Lab could be good and new visibility way to shre the knowhow, link to hackathon?
- Pressure to include education in digital tools in an earlier stage (pre university)
- Collecting the potential media/journals which are suitable for the project related educational publication

4. ANNEXES

4.1 Evaluators list

Participants (27)

	NAME	EMAIL
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4.2 Meeting presentation

Cross-project evaluation

DIGIWATER

- **T5.10 Cross-project evaluation**
- **Task leader:** ITU (Mehmet)
- **Resource person(s):** WP leaders
- Successful practice of cross-project evaluation from the previous Water Harmony Erasmus+ and other multi-national educational projects coordinated by NMBU and partners (www.waterharmony.net) will be taken further in this project. The idea of cross-project evaluation is to exchange assessments between several ongoing curricula development projects. For this purpose, project consortia that participate in evaluation, form 2 expert panels from each project. These external review panels first conduct desktop study on the project using publicly available materials (e.g. webpage, printed materials etc.) and project documents provided by coordinator. During the desktop study, they check project goals and objectives, logical framework and indicators, workplan and deliverables. The expert panels prepare questions and comments regarding the evaluated project. At the second step, the expert panels meet each other and carry out short project presentations and questions-answers sessions for each other. Based on the desktop study and the presentations session, expert panels prepare cross-project evaluation reports that are used to improve project quality and implement new useful practices.

CCWATER

- **T5.3.2 Practice of cross-project evaluation**
- **Task leader:** Zakhar
- **Resource person(s):** Martin Oldenburg and WP leaders
- Successful practice of cross-project evaluation from the previous Water Harmony Erasmus+ and other multi-national educational projects coordinated by NMBU and partners (www.waterharmony.net) will be taken further in CCWater. The idea of cross-project evaluation is to exchange assessments between several ongoing CBHE projects. For this purpose, project consortia that participate in evaluation, form 2 expert panels from each project. These external review panels first conduct desktop study on the project using publicly available materials (e.g. webpage, printed materials etc.) and project documents provided by coordinator. During the desktop study, they check project goals and objectives, logical framework and indicators, workplan and deliverables. The expert panels prepare questions and comments regarding the evaluated project. At the second step, the expert panels meet each other and carry out short project presentations and questions-answers sessions for each other. Based on the desktop study and the presentations session, expert panels prepare cross-project evaluation reports that are used to improve project quality and implement new useful practices.

Expected deliverable/result/outcome

DIGIWATER

	WP5	R5.2
	Title	Cross-evaluation report
	Type	Report
Expected result (output or outcome)	Description (Recommended limit 1500 characters)	This report will summarise cross-evaluation of the project by expert panel reflecting achievement of project goals, workplan deliverables etc. according to the procedure described in the T5.10.
	Due date	30-06-2022
	Language(s)	English
	Media(s)	Electronic (PDF)
Dissemination level	<input type="checkbox"/> Public	
	<input checked="" type="checkbox"/> Restricted to other programme participants (including Commission services and project reviewers)	
	<input type="checkbox"/> Confidential, only for members of the consortium (including EACEA and Commission services and project reviewers)	

CCWATER

	Work Package and Outcome ref.nr	5.3.2	
Expected Deliverable/Results/Outcomes	Title	Cross-project evaluation reports	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input checked="" type="checkbox"/> Report <input type="checkbox"/> Service/Product
	Description	Reports on evaluation of the project by external expert teams from other CBHE projects	
	Due date	30-04-2022	
	Languages	English	
Target groups	<input checked="" type="checkbox"/> Teaching staff <input type="checkbox"/> Students <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input type="checkbox"/> Other		
	If you selected 'Other', please identify these target groups. (Max. 250 words)		
Dissemination level	<input checked="" type="checkbox"/> Department / Faculty <input checked="" type="checkbox"/> Institution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	<input type="checkbox"/> National <input type="checkbox"/> International

Generic agenda

- Presentation of the project by the project manager (*5 min*)
- Presentation by each WP leader for active WPs (*10 min*)
- Presentations on general issues (*5 min each*)
 - Monitoring of impact
 - Dissemination, exploitation, and sustainability
 - Quality assurance
 - Project management and internal communications