



Sustainable development of Blue economies through higher education and innovation in Western Balkan Countries – BLUEWBC

Project no. 609693-EPP-1-2019-1-NO-EPPKA2-CBHE-JP

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Type of document:	Report
Workpackage:	WP4 I&E program and training of teaching staff and students
Deliverable:	DEV 4.4 Student training and certification
Lead partner:	University of Split
Participating partners:	All project Partners (P1-P10)
Contact:	Prof. dr.sc. Gorana Jelic Mrcelic (P5, UNIST) gjelic@pfst.hr
Date:	30-10-2022
Approved by:	QAB, PMB

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Report on DEV 4.4 Student training and certification

Project Proposal:

Expected Deliverable/Results/Outcomes	Work Package and Outcome ref.nr	4.4.	
	Title	Students training and certification	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input checked="" type="checkbox"/> Training material	<input checked="" type="checkbox"/> Event <input checked="" type="checkbox"/> Report <input checked="" type="checkbox"/> Service/Product
	Description	<p>Programme countries HEIs staff will transfer know-how in general topic of I&E to students of master level studies at partner countries HEIs. The main idea is to become familiar with “best practice” in I&E.</p> <p>Two students facilitator training programs in duration 3-5 days will be held. Events will be organized at P2 and P3 along with DEV 4.3. For at least 5 students from each partner countries HEIs will attend event. Training programs for partner countries HEIs students will be designed, implemented and documented in report. At the end, students will receive the certificates.</p>	
	Due date	February 2022	
	Languages	English	
Target groups	<input type="checkbox"/> Teaching staff <input checked="" 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		
	<i>If you selected 'Other', please identify these target groups. (Max. 250 words)</i>		
Dissemination level	<input checked="" type="checkbox"/> Department / Faculty Institution <input type="checkbox"/> Local <input type="checkbox"/> Regional <input checked="" type="checkbox"/> National <input type="checkbox"/> International		

REMARKS ON DEV 4.4 Student training and certification

Instead of two students facilitator training programs at UoM (P2) and UoV (P3) along with DEV 4.3 in duration 3-5 days , three shorter events were organized at at UoM (P2), UoV (P3) and UoT (P4) from 25th of April till 29th of April 2022, for at least 5 students of master level studies from each partner countries HEIs. Training programs for partner countries HEIs students were designed, implemented and documented and the students received the certificates. These events were organised in April 2022 instead of February 2022, due Covid 19 situtaion.

NUMBER OF CERTIFIED STUDENTS:



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At UoM (P2): 21

At UoV (P3): 18

At UoT (P4): 17 students + 7 alumni (24)

Total: 21 UoM (P2) + 18 UoV (P3) + 17 UoT (P4) (Minimum 5 UoM (P2) + 5 UoV (P3) + 3 UoT (P4))

MINUTES ON THE EVENTS HAS BEEN INCLUDED IN THE REPORT



Minutes of Student training and certification organized at P3 (Vlora, UoV) on 25th and 26th of April 2022 (DEV 4.4)

AN EVENT ON INNOVATION AND ENTREPRENEURSHIP (I&E) PRACTICES IN THE BLUE ECONOMY- AGENDA -

WP 4.4 & 5.2 Opening of I&E centres in Vlora and Lectures to Master students and professionals

Monday 25th April

18:00 Arrivals of BLUEWBC project partners

18:00:19:00 Consultative meetings

19:00 Dinner

Tuesday 26th April

Time	Type of activity	Location	Presenter
08:00 – 08:30	Registration & Coffee	Lecture room C 500	
08:30 – 09:15	Lecture by Split Professors	Lecture room C 500	Gorana Jelic
09:15 – 10:00	Lecture by NTNU professors	Lecture room C 500	Robin Bye/Ottar Osen Mikael Tabiteaux Kristian Riksheim
10:00 – 10:15	Coffer break	Lecture room C 500	
10:15 – 11:00	Lecture by VGTU Professors	Lecture room C 500	Milena Serzante
11:00 – 11:30	Opening of I&E Centre <ul style="list-style-type: none"> - Welcoming speech - Demonstration of equipment - 3D Printers 	I&E Centre C 500/ C 201, C203, C205 C 305	Asoc prof Enkelejd Mehilli, Deputy Rector Kristofor Lapa
11:30 – 12:30	Light lunch and networking	I&E Centre	

**Training, certification and promotion of staff, students and professionals within WP3, WP4, WP5, and WP7.*

REPORT OF THE MEETING

DAY 1 – 25th April 2022

In the afternoon of the 25th of April, we welcomed all the partner who travel from Tirana, Montenegro, Croatia, Lithuania and Norway and had a consultative meeting about the lecturer that will be delivered from the EU partners and the most suitable period to start. We have decided to organize them during the last week of October 2022. In addition, the participants discussed about future project ideas for this consortium.

DAY 2 – 26th April 2022



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The lectures for the students and professional were organized according to the agenda. The attendees had the opportunity to attend the following trainings:

- Sustainability, innovation and entrepreneurship at UNIST provided by the University of Split, Split, Croatia
- Entrepreneurship integration into the University studies provided by the VILNIUS TECH, Vilnius, Lithuania
- Maritime IoT (Measurements, Data Logging and Data transfer/ Big data and AI, predictions and trends) provided by NTNU, Trondheim and Aalesund, Norway
- 3D Modeling in I&E Context, provided by NTNU, Trondheim and Aalesund, Norway
- Maritime Entrepreneurship, provided by NTNU, Trondheim and Aalesund, Norway

At the end of the training activity all, the participants received a certificate.

After the coffee break, there was a Presentation of BLUEWBC I&E Center and demonstration of procured equipment provided by the Prof. asoc. Kristofor Lapa and other team members from the University of Vlora, and also by a student of the Faculty of Technical Sciences and Nature.

The activity was welcomed by the Vice Rector of UV Prof Mehilli and was also greeted by the Dean of the Faculty of Technical and Natural Sciences Prof Kicaj. This activity was also greeted by the representative of the Vlora Seaport, the Pashaliman Shipyard, Reginna Gupe, as well as by the Director of the vocational high school "Pavarsia" in Vlora. They evaluated this center as a very good opportunity to create a supportive environment for cooperation between the university, and the private and public sector.

The event was attended by more than 50 participants and was covered by the media. Media coverage of this event is found in the link below: <https://youtu.be/Ov-ULcLLVW8>

Photos of the meeting





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Minutes of Student training and certification organized at P4 (Tirana, UoT) on 27th of April 2022 (DEV 4.4)

According to the project description in page 47, it is stated that:

“Programme countries HEIs staff will transfer know-how in general topic of I&E to students of master level studies at partner countries HEIs. The main idea is to become familiar with “best practice” in I&E. Two students facilitator training programs in duration 3-5 days will be held. Events will be organized at P2 and P3 along with DEV 4.3. For at least 5 students from each partner countries HEIs will attend event. Training programs for partner countries HEIs students will be designed, implemented and documented in report. At the end, students will receive the certificates”.

From the PMB meeting it was decided to deliver students and professional training from Pi, P2 and P5, even in P4 for Students of University of Tirana, Faculty of Economy, during the same trip of the program countries trainers in WB, for P2 and P3. So, the training event in Tirana happened in 27.04.2020 with a great participation, to implement Working Package 4, teacher and students’ trainings. It was promoted to the students and to the faculty as part of the BLUEWBC Erasmus project, “Sustainable Development of BLUE Economies through Higher Education and Innovation in Western Balkan Countries” Faculty of Economy, University of Tirana. 40 participants from tourism and marketing students, staff professionals and faculty participants, were trained related to: The relation among sustainability, innovation and entrepreneurship; How to integrate entrepreneurship in the university studies; What is Internet of Things (IoT) and its role in the maritime industry, tourism and the economy; How are entrepreneurship models functioning; How to create businesses in blue economy; What are the I&E best practices in the blue economy. 17 students and 7 Alumni were certified with knowledge related to the innovative technologies in blue economy, best practices of Innovation and Entrepreneurship, innovation spaces in the universities and how they can be used in their studies etc. 9 academic staff from UoT attended the trainings. The agenda of the training was as following:





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Agenda of Training Sessions

Innovation and Entrepreneurship (I&E) Practices in the Blue Economy

April 27th, 2022,
Faculty of Economy, Tirana University, ALBANIA

08:30 – 09:00 Registration of participants, FEUT Building, 2nd Floor, the Main Hall

Time	Training topics	Trainers
09:00-10:00	Sustainability, Blue Economy, and Innovation & Entrepreneurship at University of Split	Prof. Gorana Jelic Mrcelic University of Split
10:00-11:00	Entrepreneurship integration into the University Studies	Dr. Milena Seržantė Vilnius Gediminas technical university VILNIUS TECH
11:00-11:30	Internet of Things	Prof. Robin Bye Lecture Ottar Osen Norwegian University of Science and Technology – NTNU
11:30-11:45	3D Modeling in I&E Context	Mikael Tabutiaux Norwegian University of Science and Technology – NTNU
11:45-12:00	Entrepreneurship	Kristian Riksheim Norwegian University of Science and Technology – NTNU







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Attendance List – Meeting at University of Tirana, Faculty of Economy, Albania, 27/04/2022
Project Title: "Sustainable development of BLUE economies through higher education and innovation in Western Balkan Countries", Acronym: BLUEWBC

No.	NAME AND SURNAME	ORGANIZATION	POSITION WITHIN ORGANIZATION	E MAIL	SIGNATURE
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Attendance List – Meeting at University of Tirana, Faculty of Economy, Albania, 27/04/2022

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Attendance List - Meeting at University of Tirana, Faculty of Economy, Albania, 27/04/2022

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Attendance List - Meeting at University of Tirana, Faculty of Economy, Albania, 27/04/2022

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Attendance List - Meeting at University of Tirana, Faculty of Economy, Albania, 27/04/2022

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44	A			
45	A			
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CERTIFICATE OF PARTICIPATION

This certificate is awarded to



In recognition of his/her participation in BLUEWBC training:

INNOVATION AND ENTREPRENEURSHIP (I&E) PRACTICES IN THE BLUE ECONOMY

held at the **University of Tirana, Faculty of Economy, Tirana** on 27th April 2022

within the ERASMUS+ CBHE project "Sustainable development of BLUE economies through higher education and innovation in Western Balkan Countries – BLUEWBC"



University of Tirana, Faculty of Economy

Dean

Prof. Dr. Phari Kule

NTNU - Norwegian University of Science and Technology
BlueWBC Project Manager

Arnfinn Oksavik
Arnfinn Oksavik

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Minutes Student training and certification organized at P2 (Kotor, UoM) on 28th and 29th of April 2022 (DEV 4.4)

EVENT ON INNOVATION AND ENTREPRENEURSHIP (I&E) PRACTICES IN THE BLUE ECONOMY- AGENDA -

DAY 1: April 28th 2022

Event venue: University of Montenegro, Faculty of Maritime Studies Kotor

08.15 - 08:30	Registration of participants	
08.30 - 09.15	BLUEWBC I&E Training: <ul style="list-style-type: none"> Sustainability, innovation and entrepreneurship at UNIST Room: Amphitheater Description: Training provided by University of Split, Split, Croatia	Trainer(s): Prof. Dr. Gorana Jelic Mrcelic
09.15 - 10.00	BLUEWBC I&E Training: <ul style="list-style-type: none"> Entrepreneurship integration into the University studies Room: Amphitheater Description: Training provided by VILNIUS TECH, Vilnius, Lithuania	Name of the trainer(s) Prof. Dr. Milena Serzante
10.00 - 10.15	Coffee break	
10.15 - 11.00	BLUEWBC I&E Training: <ul style="list-style-type: none"> Thinking Sustainable: I&E in Maritime and Coastal Tourism (M&CT) Room: Amphitheater Description: Training provided by University of Split, Split, Croatia	Trainer(s): Prof. Dr. Eli Marusic
11.00 - 12.15	BLUEWBC I&E Training: <ul style="list-style-type: none"> Big Data and Artificial Intelligence, predictions and trends; Measurements, data logging and data transfer; 3D modeling in I&E context Room: Amphitheater Description: Training provided by NTNU, Trondheim and Aalesund, Norway	Trainer(s) Prof. Dr. Robin Bye Prof. Dr. Ottar Osen Prof. Dr. Mikael Tabiteaux Prof. Dr. Kristian Riksheim
12.15 - 12.30	Coffee break	
12.30 - 14.00	BLUEWBC Info session for media: <ul style="list-style-type: none"> Presentation of BLUEWBC I&E Center and demonstration of procured equipment Room: Lecture room B3 & I&E center Description: Presentation provided by UoM staff	Presenter(s) Prof. Dr. Danilo Nikolić MSc Radmila Gagić MSc Maja Škurić
14.00 - 15.30	Light Lunch & Networking	
15.30 - 17.00	1 st Day Closing remarks	

*Training, certification and promotion of staff, students and professionals within WP3, WP4, WP5, and WP7.

DAY 2: April 29th 2022

Meeting venue: University of Montenegro, Faculty of Maritime Studies Kotor

08.45 - 09:00	Registration of participants	
09.00 - 11.00	BLUEWBC I&E Training: <ul style="list-style-type: none"> Entrepreneurial perspectives in creating a business plan - Elaborating a business idea in M&CT (product and services innovation) Room: Amphitheater Description: Training provided by University of Split, Split, Croatia	Trainer(s): Prof. Dr. Eli Marusic
11.00 - 12.00	2 nd Day Closing remarks	

REPORT OF THE MEETING

DAY 1 – 28th April 2022

The lectures for the students and professional were organized according to the agenda. The attendees had the opportunity to attend the following trainings:



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- Sustainability, innovation and entrepreneurship at UNIST provided by the University of Split, Split, Croatia
- Entrepreneurship integration into the University studies provided by the VILNIUS TECH, Vilnius, Lithuania
- Thinking Sustainable: I&E in Maritime and Coastal Tourism (M&CT) again provided by the University of Split, Split, Croatia
- Big Data and Artificial Intelligence, predictions and trends provided by NTNU, Trondheim and Aalesund, Norway
- Measurements, data logging and data transfer provided by NTNU, Trondheim and Aalesund, Norway
- 3D modeling in I&E context provided by NTNU, Trondheim and Aalesund, Norway

After the coffee break, there was a Presentation of BLUEWBC I&E Center and demonstration of procured equipment provided by the Prof. Dr. Danilo Nikolić and other team members from the University of Montenegro, Faculty of Maritime Studies Kotor.

The PMB was organized in the afternoon hours about the future steps of the project implementation.

DAY 2 – 29th April 2022

The second day of the training for students was:

- Entrepreneurial perspectives in creating a business plan - Elaborating a business idea in M&CT (product and services innovation) organized by the University of Split, Split, Croatia.

The event was attended by more than 70 participants.

Photos of the meeting





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