



Development of Regional Joint Master Program in Maritime Environmental Protection and Management - MEP&M -

WP 3. CAPACITY BUILDING THROUGH STAFF TRAINING AND EQUIPMENT PURCHASE

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University of Cádiz
4th October 2022

This project has been funded with support from the European Commission. This presentation reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

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Presentation of WP 3. *Aim and Description*

Aim:

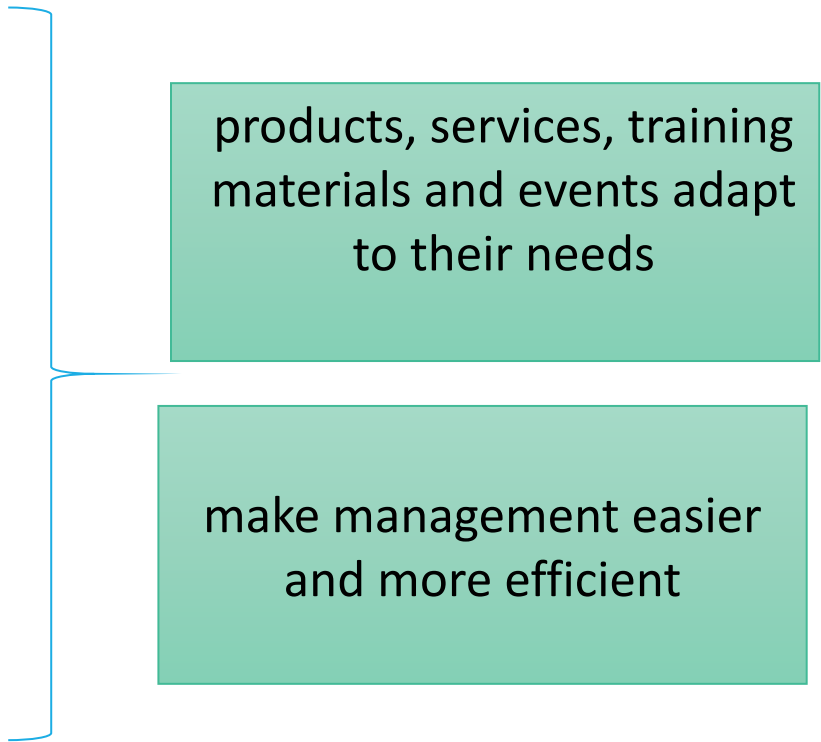
to enhance human and technical capacities related to joint MSc program in MEP&M at the Montenegrin and Albanian HEIs

Description:

- **Necessary equipment** will be specified and procured in order to support performance of online/blend learning in new joint MSc program in MEP&M □ Montenegrin and Albanian HEIs
- **Web sites** at each partner HEI will be redesigned □ give all information regarding new MSc program.
- **Capacity building** of teaching staff will be enhanced in wide aspects of MEP&M areas through tailored trainings

Presentation of WP 3. Tasks

- DEV 3.1** Procurement of equipment and e-books for supporting distance learning in MSc MEP&M
- DEV 3.2** Know-how transfer to technical staff related to the usage of equipment for supporting distance learning
- DEV 3.3** Development/Redesign of English web sites of Montenegrin and Albanian HEIs with information on MSc in MEP&M



Montenegro and Albania universities take responsibility for these DEVs



Presentation of WP 3. *Tasks*

DEV 3.4

Know-how transfer to teaching staff related to the MEP&M

M6-M20

Training material/ Event/ Report

Aim:

to provide Montenegrin and Albanian HEIs' teaching staff additional knowledge in wide aspects of Maritime Environmental Protection and Management as well as in new teaching methods through tailored training

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Presentation of WP 3. DEV. 3.4.1

Know-how transfer related to the latest topics on marine and coastal pollution and emission of GHG from shipping, nautical tourism, coastal tourism and off-shore activities

When? M6-M8

Due date

15/08/2021

Where?

Online

How?

2 days

15 representatives of teaching staff
(Montenegrin and Albanian partners)

Trainers:

3 from P5 (U. of Côte d'Azur)

3 from P6 (U. of Cádiz)

Implementation of WP 3. DEV. 3.4.1

Topics and presenters

Topic 1. Environmental Sensitivity Maps: a tool to limit beach oiling pollution

Dr. Giorgio Anfuso Melfi (UCA-S)

Topic 2. Marine Pollution generated by shipping industry: UE legal instruments to reduce and prevent it

Dr. Emilio Rodríguez Díaz (UCA-S)

Topic 3. Sustainable development, from Hippies to Ecosystem services

Dr. Christophe Mocquet (UCA-F)

Topic 4. The Blue Growth, a Mediterranean focus

Dr. Christophe Mocquet (UCA-F)

Topic 5. Introduction to the impacts of oil and gas activities on the marine environment

MSc. Juliette Gilloteaux (UCA-F)

Topic 6. Land and shipping-based effluents as sources of marine pollution: Technologies for his minimization

Dr. Javier Moreno Andrés (UCA-S)

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Implementation of WP 3. DEV. 3.4.1

Dates

Training dates

June, July and September
2021

28th June

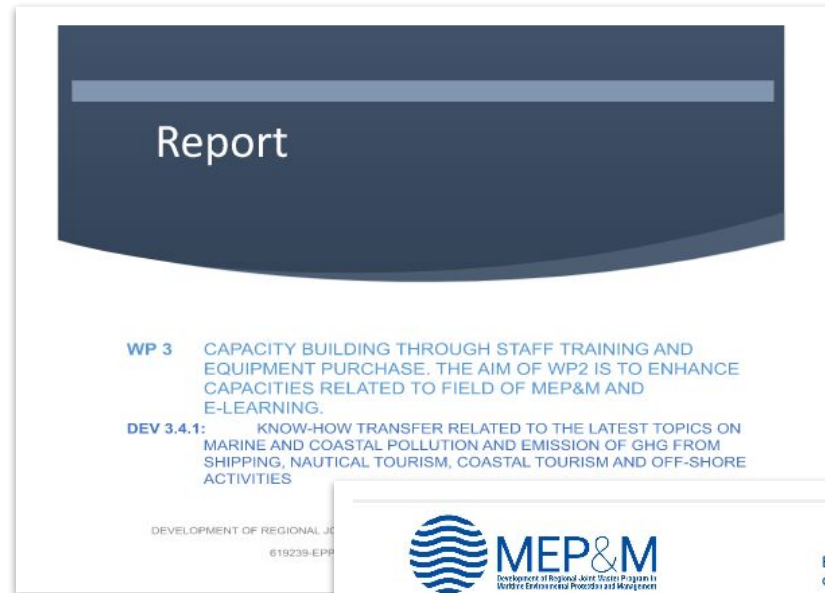
30th June



Online

15th July

25th September



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Implementation of WP 3. DEV. 3.4.1

Participants

28th June

- 15 participants

30th June

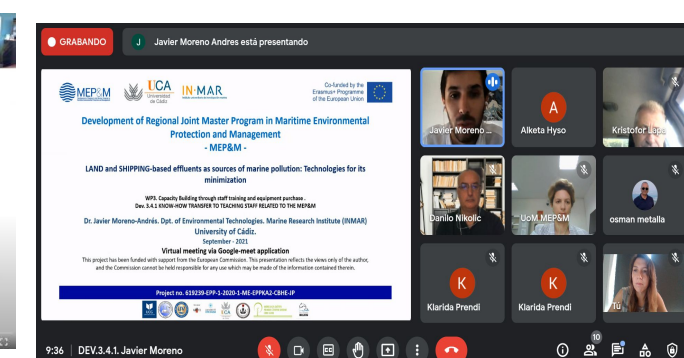
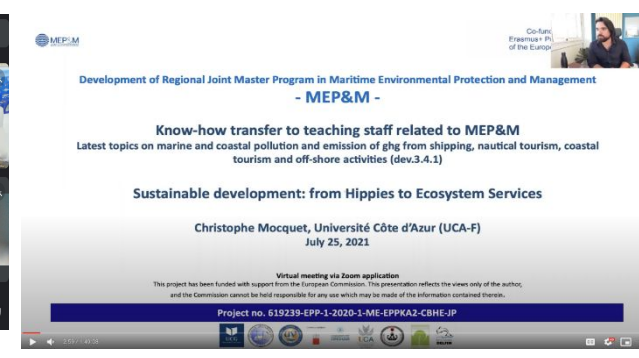
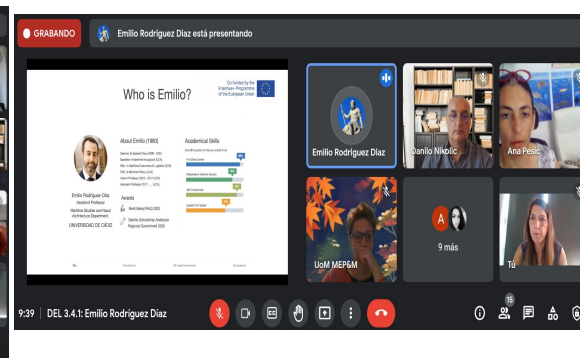
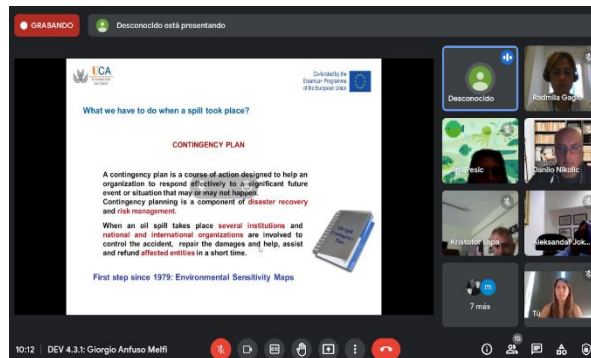
- 16 participants

15th July

- 17 participants

27th September

- 10 participants



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Implementation of WP 3. DEV. 3.4.1

Comments

- ✓ The sessions were organised according to the **availability** of teachers and participants.
- ✓ All sessions ran **successfully** and with the interest of the participants.
- ✓ There was a **small delay** in one of the sessions, as a consequence of adjusting the timetable to all participants and due to the holiday period. All other sessions were held **on time**.

Presentation of WP 3. DEV. 3.4.2

Know-how transfer related to the latest topics in climate change and marine pollution effects on marine ecosystems

When? M9-M11

Due date

15/12/2021

Where?

Online

How?

2 days

15 representatives of teaching staff
(Montenegrin and Albanian partners)

Trainers:

3 from P5 (U. of Côte d'Azur)

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Implementation of WP 3. DEV. 3.4.2

Topics and presenters

Topic 1. Main pollutants in the marine environment and some tools for their analysis

Dr. Milagrosa Oliva (UCA-S)

Topic 2. Emerging pollutants in the marine environment: contribution of maritime transport activity

Dr. Laura Martín (UCA-S)

Topic 3. Environmental risk assessment and sediment quality guidelines

Dr. Miriam Hampel (UCA-S)

Topic 4. Climate change and ocean acidification, a Mediterranean focus

Dr. Steeve Comeau (UCA-F)

Topic 5. Seafood safety, hazards and risk analysis

Dr. Marie-Yasmine Dechraoui Bottein (UCA-F)

Topic 6. The UN Sustainable Development Goals, focus on SDG 13 (climate) and SDG 14

Dr. Marie-Yasmine Dechraoui Bottein (UCA-F)

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Implementation of WP 3. DEV. 3.4.2

Dates

Training dates

December 2021 and
January 2022

10th December

20th December

20th January



Online

Report

WP 3 CAPACITY BUILDING THROUGH STAFF TRAINING AND EQUIPMENT PURCHASE. THE AIM OF WP2 IS TO ENHANCE CAPACITIES RELATED TO FIELD OF MEP&M AND E-LEARNING

DEV 3.4.2: KNOW-HOW TRANSFER RELATED TO THE LATEST TOPICS ON MARINE AND COASTAL POLLUTION AND EMISSION OF GHG FROM SHIPPING, NAUTICAL TOURISM, COASTAL TOURISM AND OFF-SHORE ACTIVITIES



MEP&M
Development of Regional Joint Master Program in Maritime Environmental Protection and Management

Co-funded by the
Erasmus+ Programme
of the European Union



DEVELOPMENT OF REGIONAL JOINT MASTER PROGRAM IN MARITIME ENVIRONMENTAL PROTECTION AND MANAGEMENT – MEP&M
Project no. 619239-EPP-1-2020-1-ME-EPPKA2-CBHE-JP

REPORT ON KNOW-HOW TRANSFER RELATED TO THE LATEST TOPICS ON MARINE AND COASTAL POLLUTION AND EMISSION OF GHG FROM SHIPPING, NAUTICAL TOURISM, COASTAL TOURISM AND OFF-SHORE ACTIVITIES

Overview of MSc programs in field of MEP&M at EU HEIs

Deliverable information	
Deliverable number	DEV 3.4.2
Deliverable name	Report on know-how transfer related to the latest topics on marine and coastal pollution and emission of GHG from shipping, nautical tourism, coastal tourism and off-shore activities
Due date	Month 11
Delivery	25-02-2022
Work package	WP3
Lead Partner for deliverable	Universidad de Cádiz
Approved by	Project Management Board

Project no. 619239-EPP-1-2020-1-ME-EPPKA2-CBHE-JP

Implementation of WP 3. DEV. 3.4.2

Participants

10th December

- 23 participants

20th December

- 18 participants

20th January

- 13 participants

M Mirlam Hampel está presentando

Co-funded by the Erasmus+ Programme of the European Union

Regulated contaminants: e.g. Priority Organic Pollutants (POPs):

POP Migration processes:

Characteristics:

- High stability (resistant to degradation) → decennia or centuries to be degraded
- Mobility (Transported by draughts of air or water at great distances from their sources)
- Toxicity (produce adverse effects)
- Bioaccumulation (lipophile → accumulate in organisms over time) and biomagnification (move from one species to another through the food chain) capacity

Stockholm Convention (2001): Signed by 90 countries → Regulation to reduce or eliminate the production, use and discharge of the 12 most dangerous POPs = Dirty Dozen.

→ Reduce exposure → reduce risk of harmful effects.

MEP&M

Co-funded by the Erasmus+ Programme of the European Union

Development of Regional Joint Master Program in Maritime Environmental Protection and Management - MEP&M -

Know-how transfer related to the latest topics in climate change and marine pollution effects on marine ecosystems (dev.3.4.2)

SEAFOOD SAFETY : HAZARDS AND RISK ANALYSIS

Marie-Yasmine Dechraoui Bottein
Université Côte d'Azur (UCA-F)
January 10, 2021

ECOSEAS
ECOLOGICAL AND CONSERVATION SCIENCE FOR SUSTAINABLE OCEANS

UNIVERSITÉ CÔTE D'AZUR

Virtual meeting via Zoom application

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Implementation of WP 3. DEV. 3.4.2

Comments

- ✓ One day was set aside for the UCA-S sessions (20 Dec) and another day for the UCA-F sessions (10 Jan).
- ✓ One UCA-S session had to be postponed to 20 January due to technical problems.
- ✓ All training sessions ran successfully.
- ✓ The participants' knowledge of the training system facilitated the development of the sessions and promoted greater participation.

Presentation of WP 3. DEV. 3.4.3

Know-how transfer related to the latest topics in international laws on climate change and marine pollution

When?

M12-M14

Due date

15/03/2022

How?

2 days

15 representatives of teaching staff

(Montenegrin and Albanian partners)

Trainers:

3 from P5 (U. of Côte d'Azur)

3 from P6 (U. of Cádiz)

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Implementation of WP 3. DEV. 3.4.3

Topics and presenters

Topic 1. International law on marine pollution from ships: the MARPOL Convention and the Ballast Water Memorandum

Dr. Ruth García Llave (UCA-S)

Topic 2. Prevention of Marine Pollution & Compensation of Marine Pollution

Dr. Emilio Rodríguez Díaz (UCA-S)

Topic 3. Towards a more sustainable marine management: from sectoral planning to marine spatial planning

Dr. Javier García Sanabria (UCA-S)

Topic 4. Marine law and spatial planning with a focus on the Mediterranean

Frederic Villers (OFB)

Topic 5. Management of MPA in Europe, law aspects

Frederic Villers (OFB)

Topic 6. Environmental Impact Assessment and compensation, law aspects

Frederic Villers (OFB)

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Implementation of WP 3. DEV. 3.4.3

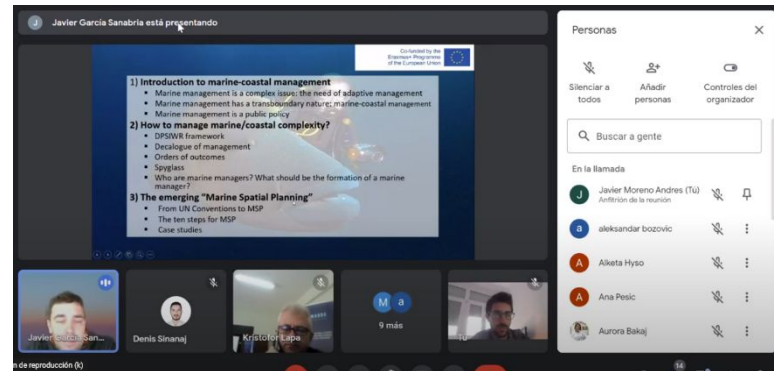
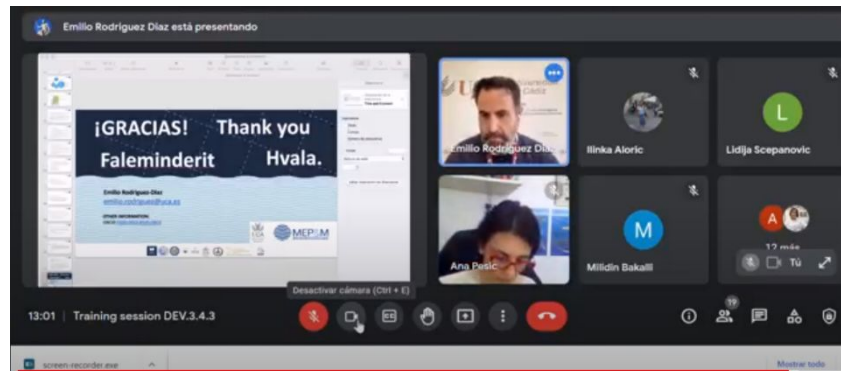
Participants

11th March

- 28 participants

20th April

- 12 participants



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Implementation of WP 3. DEV. 3.4.3

Comments

- ✓ The training activities took place in the months foreseen for these activities (March and April 2022).
- ✓ It is worth noting the high number of participants in these sessions. A total of 28 participants attended the session on 11 March.

Presentation of WP 3. DEV. 3.4.4

Know-how transfer related to the latest topics in environmental management

When?

M15-M17

Due date

15/06/2022

How?

2 days

15 representatives of teaching staff

(Montenegrin and Albanian partners)

Trainers:

3 from P5 (U. of Côte d'Azur)

3 from P6 (U. of Cádiz)

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Implementation of WP 3. DEV. 3.4.4

Topics and presenters

Topic 1. Blue Bioeconomy: Fisheries, Aquaculture and blue biotechnology

Dr. Dra. Remedios Cabrera Castro and Dr. Manuel Alejandro Merlo (UCA-S)

Topic 2. Coastal risks and vulnerability: Basics and strategies for protection and monitoring

Dr. Rosa Molina Gil (UCA-S)

Topic 3. The ecosystem services - concepts and applications

Dr. Christophe Mocquet (UCA-F)

Topic 4. GIS applied to coastal and maritime environmental protection and management

Dr. Alfredo Fernández Enriquez (UCA-S)

Topic 5. Environmental economics - how to combine environment and economy?

Dr. Christophe Mocquet (UCA-F)

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Implementation of WP 3. DEV. 3.4.4

Dates

Training dates

July, 11th and 12th, 2022

Amphitheater of the Faculty of
Maritime Studies Kotor, UoM

Report

WP 3 CAPACITY BUILDING THROUGH STAFF TRAINING AND EQUIPMENT PURCHASE. THE AIM OF WP2 IS TO ENHANCE CAPACITIES RELATED TO FIELD OF MEP&M AND E-LEARNING.

DEV.3.4.4. KNOW-HOW TRANSFER TO TEACHING STAFF RELATED TO THE ENVIRONMENTAL MANAGEMENT

DEVELOPMENT OF REGIONAL JOINT MASTER PROGRAM IN MARITIME ENVIRONMENTAL PROTECTION AND MANAGEMENT – MEP&M
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REPORT ON KNOW-HOW TRANSFER RELATED TO THE LATEST TOPICS ON MARINE AND COASTAL POLLUTION AND EMISSION OF GHG FROM SHIPPING, NAUTICAL TOURISM, COASTAL TOURISM AND OFF-SHORE ACTIVITIES

Overview of MSc programs in field of MEP&M at EU HEIs

Deliverable information	
Deliverable number	DEV 3.4.4
Deliverable name	Know-how transfer to teaching staff related to the environmental management
Due date	Month 18
Delivery	22-09-2022
Work package	WP3
Lead Partner for deliverable	Universidad de Cádiz
Approved by	Project Management Board

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Implementation of WP 3. DEV. 3.4.4

Participants

26 participants!



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Implementation of WP 3. DEV. 3.4.4

Comments

- ✓ First training session that could be held on site.
- ✓ The delay was due to the lack of availability for the face-to-face meeting.
- ✓ It was very well received, with a total of 26 participants.
- ✓ The exchange of information between attendees was key to the smooth running of the sessions.

Presentation of WP 3. DEV. 3.4.5

Know-how transfer for acquiring new teaching and learning methods using e-learning techniques

When?

M18-M20

Due date

15/09/2022

Where?

University of Durrës, Albania

How?

2 days

15 representatives of teaching staff (Montenegrin and Albanian partners)

Trainers: 3 from P4 (University of Ljubljana)

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Implementation of WP 3. *DEV. 3.4*

DEV 3.4.5:

Questions

- Which university organizes the agenda?
- Which university takes the minutes of the session?
- Which university produces the Report?

The UCA-S as responsible for DEV.3.4 can perform these tasks (as in the previous DEVs), but we need ALL information to be provided (presentations, summary sheets, attendance...).

Thank you for the attention

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