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**QUIETMED2 – Joint programme for GES assessment on D11-  
noise in the Mediterranean Marine Region.**



**DELIVERABLE**

**D 7.1. Summary report and conclusions of the Training session  
for Competent Authorities to better implement the new GES  
decision**

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**List of participants:**

No	Participant organization name	Participant short name	Country
1	Centro Tecnológico Naval y del Mar	CTN	Spain
2	Permanent Secretariat of the Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area	ACCOBAMS	Monaco
3	Department of Fisheries and Marine Research	DFMR	Cyprus
4	Inštitut za vode Republike Slovenije/Institute for water of the Republic of Slovenia	IZVRS	Slovenia
5	Hellenic Centre for Marine Research	HCMR	Greece
6	Institute of Oceanography and Fisheries	IOF	Croatia
7	University of Malta -The Conservation Biology Research Group	UM	Malta
8	Politecnico di Milano-Department of Civil and Environmental Engineering	POLIMI-DICA	Italy
9	Special Secretariat for Water-Hellenic Ministry of Environment and Energy	SSW	Greece
10	Specially Protected Areas Regional Activity Centre	SPA/RAC	Tunisia
11	International Council for the Exploration of the Sea	ICES	Denmark

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## Abstract

This document is the Deliverable “D 7.1. Summary report and conclusions of the Training session for Competent Authorities to better implement the new GES decision” of the QUIETMED2 project funded by the DG Environment of the European Commission within the call “DG ENV/MSFD 2018 call”. This call funds projects to support the implementation of the second cycle of the Marine Strategy Framework Directive (2008/56/EC) (hereinafter referred to as MSFD), in particular to implement the new GES Decision (Commission Decision (EU) 2017/848 of 17 May 2017 laying down criteria and methodological standards on good environmental status of marine waters and specifications and standardised methods for monitoring and assessment, and repealing Decision 2010/477/EU) and Programmes of Measures according Article 13 of the MSFD. The QUIETMED2 project aims to support Member States Competent Authorities in the Assessment of the extent to which GES on Descriptor 11-Underwater noise has been achieved in the Mediterranean Region by providing practical outcomes to implement the new GES Decision through: i) a joint proposal of a candidate for an impulsive noise indicator in the Mediterranean Region ii) a common methodology for Competent Authorities to establish thresholds values, together with associated lists of elements and integration rules, iii) a data and information tool to support the implementation of the monitoring programmes of impact of impulsive noise based on the current ACCOBAMS joint register which will be demonstrated on iv) an operational pilot of the tool and v) several activities to boost current regional cooperation efforts of Barcelona Convention developing new Mediterranean Region cooperation measures.

This document reports the development of the first two training sessions, for Competent Authorities from EU and non EU countries, planned in the QUIETMED2 project, focused on how to better manage underwater noise pollution in the Mediterranean Region. The different sections of this report set out the contents of the sessions, the general information on attendees, the feedback received by the participants and the main conclusions and recommendations extracted of this workshop training.

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## List of Abbreviations

<b>CTN</b>	Centro Tecnológico Naval y del Mar
<b>ACCOBAMS</b>	Permanent Secretariat of the Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area
<b>DFMR</b>	Department of Fisheries and Marine Research
<b>IZVRS</b>	Inštitut za vode Republike Slovenije/Institute for water of the Republic of Slovenia
<b>HCMR</b>	Hellenic Centre for Marine Research
<b>IOF</b>	Institute of Oceanography and Fisheries
<b>UM</b>	University of Malta -The Conservation Biology Research Group
<b>POLIMI-DICA</b>	Politecnico di Milano-Department of Civil and Environmental Engineering
<b>SSW</b>	Special Secretariat for Water-Hellenic Ministry of Environment and Energy
<b>SPA/RAC</b>	Specially Protected Areas Regional Activity Centre
<b>ICES</b>	International Council for the Exploration of the Sea
<b>MSFD</b>	Marine Strategy Framework Directive
<b>GES</b>	Good Environmental Status
<b>MS</b>	Member States
<b>MED</b>	Mediterranean Sea Region
<b>EcAp process</b>	Ecosystem Approach process
<b>INR-MED</b>	Impulsive Noise Register of the Mediterranean Sea Region
<b>TVs</b>	Threshold values. According to the Commission Decision (EU) 2017/848 of 17 May 2017 ‘threshold value’ means a value or range of values that allows for an assessment of the quality level achieved for a particular criterion, thereby contributing to the assessment of the extent to which good environmental status is being achieved.
<b>QM2</b>	QUIETMED2

## 1. Introduction

The QUIETMED2 Project is funded by DG Environment of the European Commission within the call “DG ENV/MSFD Second Cycle/2018”. This call funds the next phase of MSFD implementation, in particular, to implement the new GES Decision (Commission Decision (EU) 2017/848 of 17 May 2017 laying down criteria and methodological standards on good environmental status of marine waters and specifications and standardised methods for monitoring and assessment, and repealing Decision 2010/477/EU) and Programmes of Measures according Article 13 of the MSFD.

The QUIETMED2 project aims to enhance cooperation among Member States (MS) in the Mediterranean Sea Region (MED) to implement the Second Cycle of the Marine Directive and in particular to assist them in the preparation of their MSFD reports through the following specific objectives:

- ◆ Develop and implement a candidate impact indicator in the Mediterranean Region for D11C1 Criteria.
- ◆ Make a joint proposal of a methodology to establish threshold values, list of elements and integration rules to implement the GES decision in reference to D11 in the Mediterranean Region.
- ◆ Build an efficient data and information tool to support the implementation of the D11C1 Criteria and the update of the monitoring programmes of Impulsive Noise according the new GES Decision.
- ◆ Perform an operational pilot of an impulsive noise impact monitoring programme implemented with the updated Joint register to demonstrate its feasibility.
- ◆ Promote Mediterranean Region Coordination by i) boosting current regional cooperation efforts of Barcelona Convention and others and ii) developing new cooperation measures.
- ◆ Enhance collaboration among a wide network of stakeholders through the dissemination of the project results, knowledge share and networking.

To achieve its objectives, the project is divided in 3 work packages around 3 priorities and 10 activities whose relationships are shown in Figure 1.

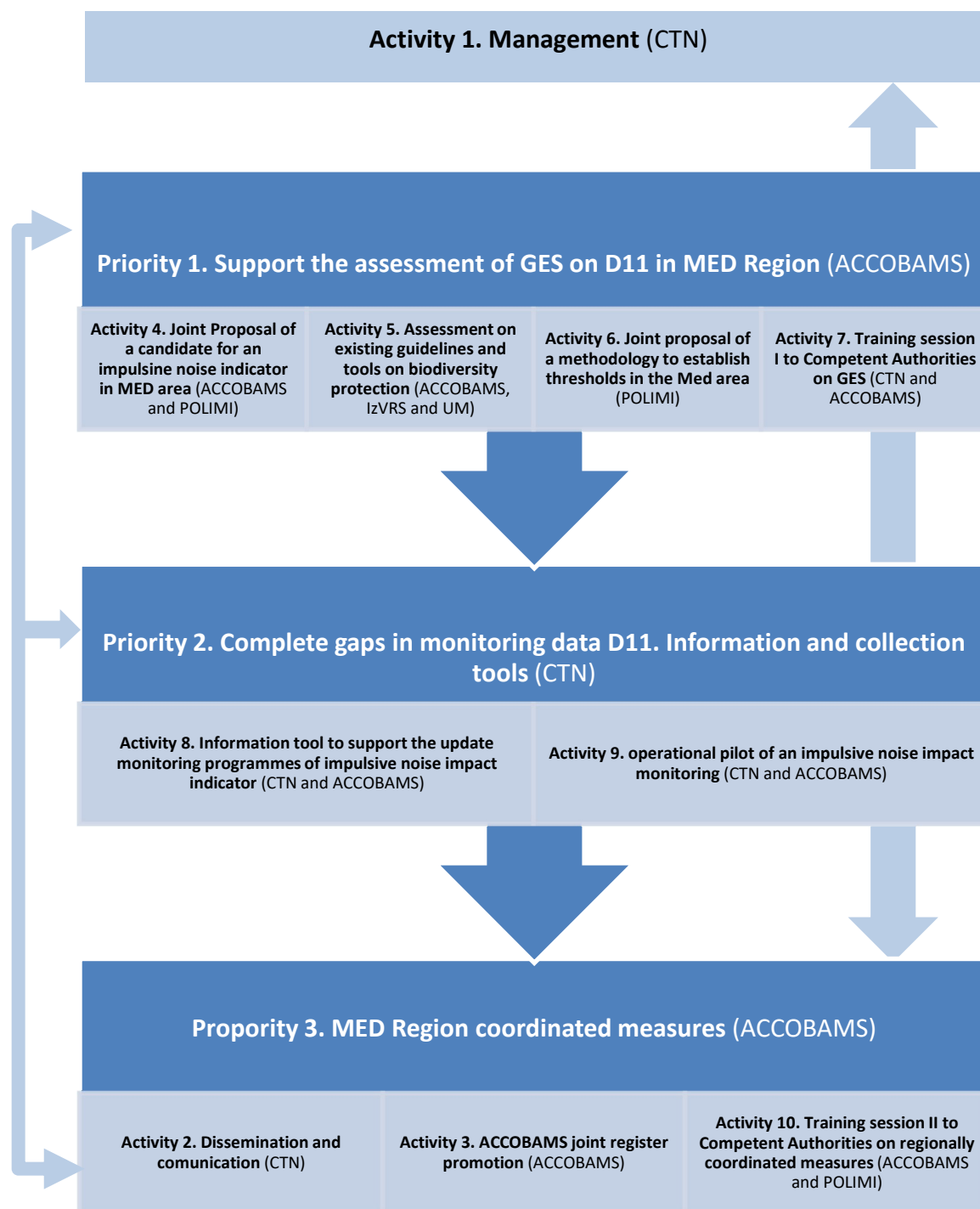


Figure 1. Work Plan Structure

The project is developed by a consortium made up of 11 entities coordinated by CTN and it has a duration of 24 months starting on February 2019.

This document reports the development and main conclusions of the first training session for Competent Authorities celebrated in Barcelona from 7<sup>th</sup> to 8<sup>th</sup> December 2019 in the context of the World Marine Mammal Conference 2019 (WMM19').

## 2. Workshop-training session contents.

The 2 Days “Training session to better manage underwater noise pollution in the Mediterranean Region” was performed in Barcelona on 7<sup>th</sup> and 8<sup>th</sup> December 2019.

This training workshop focused on supporting Competent Authorities (CA) to implement the Marine Strategy Framework Directive (MSFD) in terms of Descriptor D11 (on underwater noise) and aim to improve the cooperation with the Barcelona Convention in the framework of the EcAp process.

The aim of this training workshop was to support the assessment of Good Environmental Status (GES) according to the new GES decision<sup>1</sup> with regards to underwater noise pollution (Descriptor 11 of the EU Marine Strategy Framework Directive) in the Mediterranean Region through the main actions detailed below:

- Presentation of and training on the ACCOBAMS International Impulsive Noise Register for the Mediterranean Sea Region.
- Review of the GES assessment and presentation of existing approaches and solutions for the management of underwater noise pollution impacting marine biodiversity.

The specific objectives of this training workshop were:

- To disseminate the ACCOBAMS International Impulsive Noise Register ([http://80.73.144.60/CTN\\_Geoportal/home/](http://80.73.144.60/CTN_Geoportal/home/)), a tool for marine noise pollution management and mitigation and describe the potential of this tool for marine biodiversity conservation;
- to raise awareness of the issue of underwater noise and, in particular, the register and GES assessment (Art 9 of the EU Marine Strategy Framework Directive);
- to provide technical support to competent authorities from MS to better manage noise-producing human activities;
- to boost cooperation among EU Member-States and improve the cooperation and coordination with the Ecosystem Approach (EcAp process) of the Barcelona Convention by encouraging an active participation of non-EU representatives to the workshop.



The first day of this training workshop was developed as an affiliated workshop in the [World Marine Mammal Conference 2019 \(WMMC'19\)](#).

Image 1. Workshop advertisement in the WMMC19 web site

<sup>1</sup> Commission Decision (EU) 2017/848 of 17 May 2017



## 2.1. Workshop-training sessions items

The items discussed during the training workshop are indicated below:

- Underwater noise issue in the MSFD and in the EcAp process
  - D11C1 and GES implementation vs.
  - EO 11 and EcAp process.
- Impulsive noise assessment in the QUIETMED2 project
  - GES definitions review: disparities/similarities
  - Solutions for an updated, improved and more complete regional assessment of GES on D11 according the new GES decision (Presentation of the Draft D7.2. Specific Guidance to better implement the new -GES decision)
- Impulsive noise register in the Mediterranean Sea Region
  - Presentation of the tool
  - Training session
  - New functionalities and discussion proposal
- Risk of impact indicator
  - Impulsive noise risk of impact indicator in the MED Region. QUIETMED2 proposal
- Establishments of thresholds
  - Existing approaches
  - QUIETMED2 proposal
- Collection of information
  - National barriers and difficulties for the establishment of thresholds.
  - Main barriers and difficulties to define the impulsive noise impact indicator.
  - National barriers and difficulties to collect D1 information.
  - National barriers and difficulties to collect D11 information.

The complete agenda of this event is included as Annex I at the end of this report.

## 2.2. Participants

As commented before, the main aim of this training workshop was to support Competent Authorities (CA) to implement the MSFD in terms of Descriptor D11 (on underwater noise) and to improve the cooperation with the Barcelona Convention. Thus, the audience of this event was made up of CA or representatives of entities which provides support to these processes from both EU and non-EU Mediterranean Countries.

Apart from the QUIETMED2 consortium members, the entities attended this training workshop are listed below:

- CA or national representatives

Competent authorities and national representatives present in the training workshop are listed in the Table 1:

Training session to better manage underwater noise pollution in the Mediterranean Region. Competent Authorities and national representatives Mediterranean Region	
Entity	Country
National Center And Search Development Fisheries and Aquaculture (CNRDPA)	Algeria
Hydro-Engineering Institute Sarajevo	Bosnia and Herzegovina
Ministry of Environment and Energy	Croatia
Department of Fisheries and Marine research (DFMR), represented by APA Marine/Atlantis	Cyprus
Ministry of Environment (EEAA)	Egypt
Naval Hydrographic and Oceanographic Service (SHOM)	France
General Secretariat for Natural Environment and Water (GSNEW), Hellenic Ministry of Environment and Energy	Greece
Israeli Marine Mammals Research & Assistance Center (IMMRAC)	Israel
Ministry of the Environment and of the Protection of the Territory and of the Sea, represented by ISPRA	Italy
National Centre for Marine Sciences (CNRS)	Lebanon
Environment General Authority	Libya
Environment and Resources Authority (ERA)	Malta
Protection Agency of Montenegro	Montenegro
Institut National de Recherche Halieutique	Morocco
Slovenian Environment Agency (ARSO)	Slovenia
Ministry for the Ecological Transition (MITECO)	Spain
Spanish Institute of Oceanography (IEO)	Spain
Institut National Agronomique de Tunisie (INAT)	Tunisia

Table 1. Competent authorities and national representatives present in the training workshop

In addition to Competent Authorities, stakeholders with a relevant role in the underwater noise issues and general public were able to attend the meeting too.

- Stakeholders and general public from a wide geographical scope attended this training workshop:
  - NOAA (EEUU)
  - Oceancare (Europe)
  - Dalhousie University (Canada)
  - Hellenic Hydrocarbon Resources Management S.A. (Greece)
  - Taras Shevchenko National University of Kyiv (Ukraine)
  - Jasco Applied Sciences (Europe)
  - Keacoustics (Spain)

In all, **41 participants** attended this training workshop, including 18 competent authorities and/or national representatives from **8 EU Countries** and from **9 non EU countries** (see Table 1).

The complete attendance list is included as Annex II at the end of this document.



Image 2. Participants group photo.

### 3. Workshop-training session development -in brief

The procedure followed for the development of this training workshop was based on series of speakers followed by joint discussions and a practical training session on the use of the ACCOBAMS International Impulsive Noise Register for the Mediterranean Sea Region.

#### 3.1. Workshop to support the implementation of the marine Strategy Framework according the new GES decision

##### 3.1.1. Underwater noise issue in the MSFD and the EcAp process

This introductory session provided an overview of the background and current status of the Ecosystem Approach (EcAp) with regards to underwater noise.

The **EcAp initiative** is the guiding principle to the policy implementation and development undertaken under UNEP/MAP-Barcelona Convention with the ultimate objective of achieving the Good Environmental Status (GES) of the Mediterranean Sea and Coast.

For the implementation of the EcAp to the management of human activities that may affect the Mediterranean marine and coastal environment (Decision 17/6-COP17,2012) was agreed the development of a set of ecological objectives (EO) corresponding to the vision and strategic goals.

The **Ecological Objective 11** (EO 11): Energy inputs into the marine environment, especially noise from human activities is minimized was set and the associated indicators for impulsive and continuous noise are currently considered as Candidate Indicators.

During the session the following were highlighted:

- The **synergy and coherence** of the EcAp process with the implementation of the European Union (EU) Marine Strategy Framework Directive (MSFD).
- The important **progress achieved** in the implementation of EO11 **based on EU-funded project** QUIETMED and ongoing QUIETMED2: new Guidance Factsheets have been prepared by ACCOBAMS;
- New Guidance Factsheets have been considered by the Meetings of CorMon on Pollution Monitoring and MED POL Focal Points meetings, indicating a need for further work to gather relevant knowledge, prior to incorporating them into IMAP upon completion of its initial phase.

##### 3.1.2. Impulsive sound and GES assessment

During this session, the preliminary contents of a **specific guidance addressed to competent authorities from MS to better implement the new GES decision** was presented. This guidance is going to be developed in the framework of the QUIETMED2 project (Deliverable 7.2).

This guidance is mainly based on the assessment of the GES definition regarding D11 (Art.9), for each MS (in the Mediterranean Sea Region), considering the new Commission Decision (EU) 2017/848, though:

- Comparing the results from the review done in QUIETMED (Comm. Dec. 2010/477/EU) with the updated definitions after the first cycle of implementation the MSFD, considering the new Commission Decision 2017/848.
  - 50% of the countries in the MED Region have provided updated National definition of GES for D11 considering the new Commission Decision.
  - Most of the definitions are “pressured-level”, based on the wording of the MSFD Directive, while only France provides a “risk-based definition”, based on the identification of risks either at generic level or expressed as specific issues. No “response-based” definitions have been identified in the MED Region (definitions which include the regulation of noise generating activities).
- Identifying difficulties for moving forward with the GES definitions for D11 considering the new Commission Decision 2017/848. Some preliminary difficulties were identified as follow:
  - Due to lack of threshold values, the GES definition is currently aligned with the definition established by new Com Dec 2017/848 for the criteria of this descriptor.
  - Insufficient level of information/data available about the effects of increased ambient noise levels makes difficult to decide the type of approach for target setting and description of GES in common with the other Mediterranean EU MS (MED CAM, 2014b).
  - Limited information about the effect of noise on marine species different than marine mammals (GES can be adapted with updated advances in the knowledge about the impact of noise on the marine environment).

### 3.1.3. Establishments of thresholds. National barriers and difficulties

During this session, the difficulties and barriers found by the MSFD implementation decision-makers to set thresholds values regarding underwater noise were discussed. Main questions raised during this session are pointed below:

- MS have disparities among definition of threshold values: pressure-based and risk-based. No response-based definition were identified.
- New Commission decision (2017/848/EU) requires risk-based approach.
- Experience from Germany with respect to avoiding harm to harbour porpoises from pile driving activities could be a reference example for the rest of the countries.
- TG Noise proposes either a species habitat or a habitat approach. Both approaches require strong effort in transnational cooperation among MS.
- OSPAR methodology is somewhat difficult to apply in the Mediterranean as the Mediterranean is heterogeneous with variable topography.

- The methodology to set threshold values (TVs) should be dynamic process able to integrate new knowledge.
- Implementation of the Impulsive Noise Register constitutes key element for the assessment of the impacted habitat.
- There is a lack of legal obligation from the Mediterranean states to submit data on impulsive noise.

#### 3.1.4. National barriers and difficulties to collect D11 information

The difficulties to collect information on impulsive sound generating activities is one recurrent issue raised in most of the discussions during the training workshop. In this sense, it is particularly noteworthy that the availability (for MSFD national responsible) of data at national level is conditioned to:

- the existence of legal obligations to provide information from Companies (or entities) that conduct activities producing (or potentially producing) underwater noise.
- the coordination among different Ministries, and/or entities involved in the process of permitting activities (industry, environmental agencies, scientists) and MSFD implementation.

This lack of noise data availability at national level results in obvious gaps of information at subregional and regional level, making the GES assessment impossible at MED level. In this sense, it was highlighted:

- The absence of an obligation for MS of the Mediterranean area to report noise information into the INR-MED.
- The INR-MED can be used as a guidance tool for MS to develop the most suitable tool for data collection.

As a good practice exercise and boosting cooperation example, ACCOBAMS explained the recent workshop performed in Toulon, France, in October 2019, inviting NATO and National Navies with the aim to show how the ACCOBAMS Scientific Committee can provide advice and assistance with respect to mitigating adverse effects on cetaceans for any future exercises <sup>2</sup>. Only Italian and French navies responded to the invitation.

Greece and Spain updated the information about contact points of their navies, while the issue of participation of navies in the implementation of the noise register was also discussed by representatives from the Southern Med countries.

The intention of ACCOBAMS to organize a next workshop with the participation of national navies was expressed, and Fabrizio Borsani (TG Noise) noted that a coordinated joint action from TG Noise and ACCOBAMS is needed to raise awareness to the navies about the benefits of their active involvement.

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<sup>2</sup> PROVISIONAL REPORT OF THE ACCOBAMS WORKSHOP ON SONARS AND CETACEAN INTERACTIONS: [https://accobams.org/wp-content/uploads/2019/04/MOP7.Inf26\\_Provisional-Report-ACCOBAMS-workshop-on-sonar-and-cetaceans-interactions.pdf](https://accobams.org/wp-content/uploads/2019/04/MOP7.Inf26_Provisional-Report-ACCOBAMS-workshop-on-sonar-and-cetaceans-interactions.pdf)



ACCOBAMS and SPA/RAC also announced a forthcoming Biennial Conference for Southern Mediterranean countries in October 2020 aiming at exchange information and experiences on cetacean study, monitoring and conservation. The needs of this conference were discussed in order to raise awareness and promote the Quiet MED 2 project among decision makers and the focal points of ACCOBAMS, SPA/RAC, MEDPOL.

An important need resulted from the discussion, not only for the Southern Med countries but also for all the organizations implementing MSFD and contacting the data providers (services, authorities, industrial parties, etc.), was the setup of an as-simple-as-possible and compact factsheet with the following information:

- A simple definition of underwater noise as a pollution factor for the marine life.
- A statement that underwater noise can have an adverse impact on marine animals, not only marine mammals but also commercial species from fishes and invertebrate categories.
- The context/framework within which the information is requested.
- The organizations that will receive the information and the level of confidentiality with respect to each provider.
- Basic parameters necessary to be provided such as coordinates and start/end dates.

This factsheet will act as a primary information sheet for the data providers.

In the aforementioned discussion, the following issues were mentioned by the Southern Med countries:

- Apart from seismic survey data from oil and gas industry, similar data from surveys for research purposes should also be identified and gathered by contacting universities or/and organizations who conduct such surveys.
- The importance of the noise register and the national needs to implement it.
- Mitigation measures.

Finally, Florent Le Courtois from SHOM presented the France register of impulsive noise “SIRENE” as an example of implementation of national register. Main conclusions of this presentation were:

- Data exists since activities exist.
- It is essential to identify sources of information and contact point(s).
- Information required is related to Where? When? How much?
- No need for high spatial and temporal accuracy.
- Setting methodology to collect data can be a complicated procedure.
- The data collection itself is usually an easy but, most of the times, boring procedure.
- Only data of high confidence should be registered, then, a quality process is required to recover the information.

### 3.1.5. National barriers and difficulties to collect D1 information

Although the availability of biodiversity data, mainly related to cetacean populations was not considered as critical as the noise data availability, some points were remarked with regards to the data collection:

- One problem is that observations are held mainly by NGOs and not by competent authorities.
- Need to investigate available data portals.
- There are already national networks established among the southern Mediterranean countries for the monitoring of biodiversity.

## 3.2. Training session on the use of the ACCOBAMS International Impulsive Noise Register for the Mediterranean Sea Region

The training session was based on performing a practical exercise on the use of the International Impulsive Noise Register for the Mediterranean Sea Region ([INR-MED](#)) using two hypothetical cases of permit request to develop potential noise generating activities.

In the first case, all the participants performed a joint guided exercise to upload noise data into the register. In the second part of the training, the participants followed the same procedure by themselves with a different test case. In this case, the participants were divided into groups formed by QUIETMED 2 consortium members together with national representatives to facilitate that the QM2 members provided them technical support during the development of this second exercise.

During this exercise, the participants were able to:

- Acquaint themselves with information on activities with potential generation of impulsive noise.
  - Identify information related to impulsive sound from a hypothetical example form of permit application to develop impulsive sound generation activities.
  - Detect key information needed for data submission into the INR-MED
- Use the INR-MED GIS tool through a practical user's experience.
  - Having a better knowledge of the different functionalities available into the tool.
  - Downloading the noise template (excel format) available into the tool used to feed the register.
  - Filling the noise data template provided by the INR-MED with the key information extracted previously.
  - Converting the fulfilled file to the appropriate format (.csv) to submit the data.
  - Uploading the data into the tool.
  - Visualizing the data uploaded in the map.
  - Testing the functionalities associated to the data analysis.



Most of the users registered during the exercise (11 of 15) were able to submit the noise data successfully by themselves.

To perform this exercise, temporary user accounts were created to allow the participants to play with the tool. These accounts were invalidated once the exercise was finalized, as well as the noise data test submitted during the exercise.

The supporting materials to develop this practical exercise are included as Annex III at the end of this document.

#### 4. Conclusions and recommendations

At the end of the training workshop, an evaluation survey was distributed among the participants. The feedback received through the **21 evaluation surveys** can be found below.

The table 2 summarize the general overview from the participants regarding the development of the training workshop:

Training session to better manage underwater noise pollution in the Mediterranean Region. Evaluation survey results.	
Item	Score from 1 (unsatisfactory) to 5 (excellent)
Prior information received	4
Activity coordination/organisation	5
Appropriate content	4
Acquired knowledge	4
Supporting materials	4
Meeting place	5

Table 2. Evaluation survey results

In addition to the previous item scores, the participants were asked about positive and negative aspects to take into consideration.

Regarding the positive aspects, it was stressed:

- Interesting and useful knowledge provided during the sessions.
- Competences gained.
- Strategic project outcomes in the framework of MSFD but also in the framework of the whole region (UNEP/MAP+ACCOBAMS).
- International cooperation.
- Exchange of information and methodologies.
- Steps to move forward the implementation on D11
- Coordination with ACCOBAMS and SPA/RAC.
- Good spirit of cooperation.

- High presence of competent authorities (EU and non EU).
- Participation of southern MED States.
- Performance in the context of the WMMC 19.

On the other hand, some negative aspects were pointed:

- Many presentations.
- Change of venue.
- Dynamic of discussions.
- Extended prior information.
- Short time.

Also, the participants made some comments and suggestions related to the need: to continue organizing common events for the future; to be informed on the next project outcomes; to look for synergies between D1 and D11 regarding searching and gathering data, and oceanographic campaigns to be done; and to take into consideration representatives of noise production activities.

Attending to the results of the evaluation surveys and the comments received it seems to be clear that:

- In view of the high participation, activities for boosting cooperation among all the countries in the MED are highly welcomed by EU and non EU countries.
- Capacity building in noise technical issues and management has been detected as a priority.
- EU projects funded to support the MSFD implementation may provide practical outcomes to strength synergies among the MSFD and the EcAp process implementation.
- Connection between D1 and D11 should be considered for the future. This is in accordance to the statement of the Com Dec (EU) 2017/848 "The outcomes of these criteria shall also contribute to assessments under Descriptor 1", as mentioned in the Methodological standards of Descriptor 11.

## 5. Dissemination of results

The outputs of this workshop will be used to: finalize the Specific Guidance addressed to competent authorities to better manage noise-producing human activities; ensure the use of the ACCOBAMS International Impulsive Noise Register for the Mediterranean Sea Region, including a roadmap for submitting data.

Workshop results will be disseminated through the QUIETMED2 website (<https://quietmed2.eu/>) and social networks. Outputs will be presented to all other relevant meetings (TG Noise, ACCOBAMS Scientific Committee, etc.), and will be the basis of the second training session planed in 2020 in order to ensure relevant coordinated measures at Mediterranean level by providing technical support.

## Annexes

**Annex I: Agenda**

**Annex II: Attendance list**

**Annex III: Supporting materials**



## Joint programme for GES assessment on D11-noise in the Mediterranean Marine Region.



### Agenda

Workshop – Training session (I) for Competent Authorities from Member States to support the implementation of the marine Strategy Framework-New GES decision-, Barcelona  
7<sup>th</sup> -8<sup>th</sup> December 2019

**Call:** DG ENV/MSFD 2018 call.

**Grant Agreement:** No. 110661/2018/794481/SUB/ENV.C2

### Consortium:

No	Participant organization name	Participant short name	Country
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5	Hellenic Centre for Marine Research	HCMR	Greece
6	Institute of Oceanography and Fisheries	IOF	Croatia
7	University of Malta -The Conservation Biology Research Group	UM	Malta
8	Politecnico di Milano-Department of Civil and Environmental Engineering	POLIMI-DICA	Italy
9	Special Secretariat for Water-Hellenic Ministry of Environment and Energy	SSW	Greece
10	Specially Protected Areas Regional Activity Centre	SPA/RAC	Tunisia
11	International Council for the Exploration of the Sea	ICES	Denmark

## Agenda Saturday 7<sup>th</sup> December 2019

World Marine Mammal Conference

Centre de Convencions Internacional de Barcelona

Plaça de Willy Brandt, 11-14,

08019 BARCELONA

Time	Agenda Item
8:45 – 9:00	<b>Registration</b>
9:00 – 9:15	<b>Agenda Item I – Welcome addresses (ACCOBAMS &amp; CTN)</b> Opening of the meeting/presentations
9:15-9:30	<b>QUIETMED2 Project (CTN)</b>
9:30- 10:00	<b>Agenda Item II - Underwater noise issue in the MSFD and in the EcAp process (ACCOBAMS)</b> -D11C1 and GES implementation vs -EO 11 and EcAp process.
10:00 – 10h30	Coffee break
10:30 – 11:15	<b>Agenda Item III – Impulsive noise assessment in QM2 project (POLIMI)</b> -GES definitions review: disparities/similarities -Solutions for an updated, improved and more complete regional assessment of GES on D11 according the new GES decision (Presentation of the Draft D7.2. Specific Guidance to better implement the new -GES decision) Discussion and feedback
11:15 – 11h30	<b>Agenda Item IV - Impulsive noise register in the Mediterranean (CTN)</b> Presentation of the tool
11:30 – 12:00	<b>Agenda Item IV - Impulsive noise register in the Mediterranean (ACCOBAMS)</b> Training session
12:00 – 13:30	Lunch
13:30– 15:00	<b>Agenda Item IV- Impulsive noise register in the Mediterranean (to be continued) (ACCOBAMS)</b> Training session
15:00 – 15:30	Coffee break
15:30 – 16:30h	<b>Agenda Item IV- Impulsive noise register in the Mediterranean (to be continued) (ACCOBAMS)</b> Training session
16:30 – 17:15h	<b>Agenda Item IV- Impulsive noise register in the Mediterranean (to be continued) (ACCOBAMS-CTN)</b> New functionalities and discussion proposal
17:15-17:30	<b>Conclusions and recommendations (ACCOBAMS &amp; CTN)</b>

**Agenda Sunday 8<sup>th</sup> December 2019**

Hotel ATTICA21

C/ Provençals, 10.

08019 BARCELONA

Time	Agenda Item
9:00 – 9:30	<b>Agenda Item I Risk of impact indicator (ACCOBAMS)</b> Impulsive noise risk of impact indicator in the MED Region. QM2 proposal
9:30- 10:00	<b>Agenda Item II – Establishments of thresholds (POLIMI)</b> Existing approaches/QM2 proposal
10:00-11:00	<b>Agenda Item III– Collection of information (POLIMI)</b> National barriers and difficulties for the establishment of thresholds
11h00-11:30	Coffee break
11:30 – 12h30	<b>Agenda Item III – Collection of information (ACCOBAMS)</b> Main barriers and difficulties to define the impulsive noise impact indicator
12:30 – 13:00	<b>Agenda Item III – Collection of information (<i>to be continued</i>) (IZVRS-ACCOBAMS)</b> National barriers and difficulties to collect D1 information
13:00 - 14:00	Lunch
14:00-15:00	<b>Agenda Item III – Collection of information (<i>to be continued</i>) (ACCOBAMS)</b> National barriers and difficulties to collect D11 information
15:00-15:30	<b>Conclusions and recommendations (ACCOBAMS &amp; CTN)</b>

## Pre-attendance list

Name		Entity
Adriana	Vella	Conservation Biology Research Group, University of Malta
Aleksandar	Bozovic	Protection Agency of Montenegro
Alessio	Maglio	SINAY
Antonis	Petrou	AP Marine Environmental Consultancy Ltd, Cyprus
Arianna	Azzellino	POLIMI, Italy
Aristeidis	Prospathopoulos	Hellenic Centre for Marine Research (HCMR), Greece
Aviad	Scheinin	IMMRAC-Israel
Brian	Christie	Environment and Resources Authority (ERA), Malta
Caterina	Lanfredi	POLIMI, Italy
Charalambos	Panayiotou	Atlantis Environment & Innovation Ltd, Cyprus
Dimitris	Kassis	Hellenic Centre for Marine Research (HCMR), Greece
Elvira	García-Bellido Capdevila	DG de Sostenibilidad de la Costa y del Mar, MITECO, Spain
Fabrizio	Borsani	ISPRA, Italy
Federica	Pace	Jasco Applied Sciences
Florent	Le Courtois	Shom, France
Gaby	Khalaf	CNRS, Lebanon
Georgios	Melekis	General Secretariat for Natural Environment and Water (GSNEW), Greece
Helena	Caserman	Institute for Waters of the Republic of Slovenia
Hrvoje	Mihanovic	Institute of oceanography and fisheries-Croatia
Imane	TAI	Institut National de Recherche Halieutique-Morocco
Joseph	Vella	University of Malta
Lilijana	Kuhelj	Slovenian Environment Agency
Linda	Weilgart	Dalhousie University-Oceancare
Lobna	Ben Nakhla	SPA/RAC
Manuel	Bou	Instituto Español de Oceanografía (IEO)
Manuel	Castellote	National Marine Fisheries Service. NOAA
Marta	Martínez-Gil Pardo	DG de Sostenibilidad de la Costa y del Mar, MITECO, Spain
Marta	Sanchez	Centro Tecnológico Naval y del Mar (CTN), Spain
Noelia	Ortega Ortega	Centro Tecnológico Naval y del Mar (CTN), Spain
Marwan	Abderrahim	SPA/RAC
Maylis	Salivas	ACCOBAMS
Mohamed	Abdelwarith	Ministry of Environment, Egypt
Olexandr	Golubiev	Taras Shevchenko National University of Kyiv
Pere	Artís Gabarró	KEACOUSTICS
Rimel	Ben Messaoud	National Institute of Agronomy of Tunisia
Samia	Grimida	Environment General Authority, Libya
Selma	Čengić	Hydro-Engineering Institute Sarajevo, Croatia
Snježana	Dominković Alavanja	Ministry of Environment and Energy, Croatia
Souad	Lamouti	CNRDPA, Algeria
Spinos	Spyridon	Hellenic Hydrocarbons Resources Management (HHRM S.A.), Greece



Tamara	Micallef	Environment and Resources Authority (ERA), Malta
Urška	Kocijančič	Institute for Water of the Republic of Slovenia
Valentina	De Santis	POLIMI, Italy




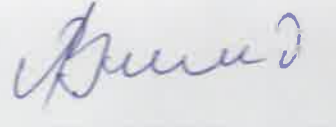




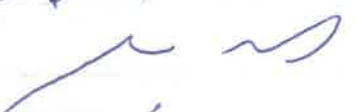




## QUIETMED 2 – Joint programme for GES assessment on D11-noise in the Mediterranean Marine Region

Workshop – Training session (I) for Competent Authorities from Member States to support the implementation of the marine Strategy Framework-New GES decision-, Barcelona

7th December 2019

### Participants attendance list









Name	Company	E-mail Address	Signature	I ACCEPT		
				Privacy Policy <sup>1</sup>	Use of images <sup>2</sup>	Communications <sup>3</sup>
Adriana Vella	UM	adriana.vella@um.edu.mt		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aleksandar Bozovic	Protection Agency of Montenegro	aleksandar.bozovic@epa.org.me abo2ovic@t-com.me		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Alessio Maglio	ACCOBAMS	alessio.maglio@singy.it		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Antonis Petrou	AP Marine Environmental Consultancy Ltd	apmarine@valicon.com.cy		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arianna Azzellino	POLIMI	arianna.azzellino@polimi.it		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aristeidis Prospathopoulos	HCMR	apros@hcm.gr		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aviad Schenin	IMMRAC	shani.aviad@gmail.com		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Brian Christie	ENVIRONMENT & RESOURCES AUTHORITY	brian.christie@era.org.mt		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Caterina Lanfredi	POLIMI	caterina.lanfredi@polimi.it		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## QUIETMED 2 – Joint programme for GES assessment on D11-noise in the Mediterranean Marine Region

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7th December 2019

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Charalambos Panayiotou	Atlantis AP MARINE ENVIRONMENTAL CONSULTANCY (DFMR)	c.panayiotou@atlantis-consulting.eu		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dakota Straub	Columbia University					
Dimitris Kassis	HCMR	dkassis@hcmr.gr		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Elvira García-Bellido Capdevila	DG de Sostenibilidad de la Costa y del Mar, MITECO	emgabellido@miteco.es		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Fabrizio Borsani	ISPRA	f.borsani@gmail.com		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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Florent Le Courtois	Shom	florant.le.courtois@shom.fr		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Gaby Khalaf	CNRS Lebanon	gkhalaf@cnrs.edu.lb		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Georgios Melekis	GSNEW (SSW)	gmelekis@gsnew.gr		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

# **QUIETMED 2 – Joint programme for GES assessment on D11-noise in the Mediterranean Marine Region** Workshop – Training session (I) for Competent Authorities from Member States to support the implementation of the marine Strategy Framework-New GES decision-, Barcelona 7th December 2019

Participants attendance list









Name	Company	E-mail Address	Signature	I ACCEPT		
				Privacy Policy <sup>1</sup>	Use of images <sup>2</sup>	Communications <sup>3</sup>
Helena Caserman	IZVRS	helena.caserman@gmail.com		✓	✓	✓
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Imane TAI	Institut National de Recherche Halieutique	taimane.it@gmail.com		✓	✓	✓
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Linda Weilgart	Dalhousie University					
Lobna BEN NAKHLA	SPA/RAC	manuel.bou@ceo.es		✓	✓	✓
Manuel Bou	IEO	lobna.bennakhla@spa-rac.org				✓
Manuel Castellote	National Marine Fisheries Service. NOAA					

# **QUIETMED 2 – Joint programme for GES assessment on D11-noise in the Mediterranean Marine Region**

Workshop – Training session (I) for Competent Authorities from Member States to support the implementation of the marine Strategy Framework-New GES decision-, Barcelona

7th December 2019

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Name	Company	E-mail Address	Signature	I ACCEPT		
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Maïlis Salivas	ACCOBAMS			✓	✓	✓
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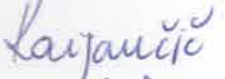




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Snježana Dominković Alavanja	Ministry of Environment and Energy, Croatia	snjezana.dominkovic@mrsc.hr		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Souad LAMOUTI	CNRDPA	Souad.Lamouti@gmail.com		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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Tamara Micallef	ENVIRONMENT & RESOURCES AUTHORITY					
Urška Kocijančič	IZVRS	urška.kocijancic@izvrs.si		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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Mohamed said	Ministry of Environment Egypt	mohamed75elshorok		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Workshop – Training session (I) for Competent Authorities from Member States to support the implementation of the  
marine Strategy Framework-New GES decision-, Barcelona

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Workshop – Training session (I) for Competent Authorities from Member States to support the implementation of the marine Strategy Framework-New GES decision-, Barcelona

8th December 2019

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Adriana Vella	UM	adriana.vella@um.edu.mt		✓	✓	✓
Aleksandar Bozovic	Protection Agency of Montenegro	aleksandar.bozovic@epa.org.me		✓	✓	✓
Alessio Maglio	ACCOBAMS	alexio.maglio@sneg.fr		✓	✓	✓
Antonis Petrou	AP Marine Environmental Consultancy Ltd	apmarine@xalcom.com.cy		✓	✓	✓
Arianna Azzellino	POLIMI	arianna.azzellino@polimi.it		✓	✓	✓
Aristeidis Prospathopoulos	HCMR					
Aviad Schenin	IMMRAC	Uni of Haifa	shani.aviad@gmail.com			
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Caterina Lanfredi	POLIMI					



## QUIETMED 2 – Joint programme for GES assessment on D11-noise in the Mediterranean Marine Region

Workshop – Training session (I) for Competent Authorities from Member States to support the implementation of the marine Strategy Framework-New GES decision-, Barcelona

8th December 2019

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Name	Company	E-mail Address	Signature	I ACCEPT		
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Charalambos Panayiotou	<del>ATLANTIS</del> ENVIRONMENTAL CONSULTANCY (DFMR)	c.panayiotou@atlantis-consulting.eu				
Dakota Straub	Columbia University					
Dimitris Kassis	HCMR	dkassis@hcmr.gr				
Elvira García-Bellido Capdevila	DG de Sostenibilidad de la Costa y del Mar, MITECO	emgbellido@miteco.es				
Fabrizio Borsani	ISPRA	fr.borsani@isprambiente.it				
Florent Le Courtois	Shom	flcourtois@shom.fr				
Gaby Khalaf	CNRS Lebanon	gkhalaf@cnrs.edu.lb				
Georgios Melekis	GSNEW (SSW)	gmelekis.gsew@gmail.com				
Helena Caserman	IZVRS	helena.caserman@izvrs.si				

# **QUIETMED 2 – Joint programme for GES assessment on D11-noise in the Mediterranean Marine Region** Workshop – Training session (I) for Competent Authorities from Member States to support the implementation of the marine Strategy Framework-New GES decision-, Barcelona 8th December 2019

Participants attendance list

Name	Company	E-mail Address	Signature	I ACCEPT		
				Privacy Policy <sup>1</sup>	Use of images <sup>2</sup>	Communications <sup>3</sup>
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Lilijana Kuhelj	ARSO	lilijana.kuhelj@gov.si		✓	✓	✓
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Manuel Bou	IEO	manuel.bou@ieo.es		✓	✓	✓
Manuel Castellote	National Marine Fisheries Service. NOAA	MANUEL.CASTELLOTE@NOAA.GOV		✓	✓	✓
Marta Martínez-Gil	MITECO	mmgila@miteco.es		✓	✓	✓
Marta Sánchez	CTN					

## QUIETMED 2 – Joint programme for GES assessment on D11-noise in the Mediterranean Marine Region

Workshop – Training session (I) for Competent Authorities from Member States to support the implementation of the marine Strategy Framework-New GES decision-, Barcelona

8th December 2019

### Participants attendance list


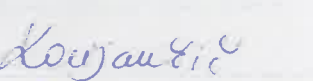
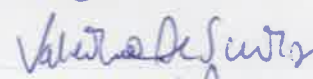
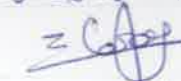

Name	Company	E-mail Address	Signature	I ACCEPT		
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Noelia Ortega	CTN			✓	✓	✓
Marwan ABDERRAHIM	SPA/RAC	marwan.abderrahim@spa-rac.org		✓	✓	✓
Maïlis Salivas	ACCOBAMS	<del>m</del> msalivas@accobams.net		X	X	X
Olexandr Golubiev	Taras Shevchenko National University of Kyiv					
Rimel BENMESSAOUD	INAT	benmessarim_rimel@yahoo.fr		✓	✓	✓
Samia Grimida	Environment General Authority	fitori@hotmail.com		✓		✓
Selma Čengić	Hydro-Engineering Institute Sarajevo	Selma.cengic@hies.ba		✓	✓	✓
Snježana Dominković Alavanja	Ministry of Environment and Energy, Croatia	Snjezana.Dominkovic Alavanja@mze.hr		✓	✓	✓
Souad LAMOUTI	CNRDPA	souad.lamouti@gmail.com		✓	✓	✓

## QUIETMED 2 – Joint programme for GES assessment on D11-noise in the Mediterranean Marine Region

Workshop – Training session (I) for Competent Authorities from Member States to support the implementation of the marine Strategy Framework-New GES decision-, Barcelona

8th December 2019

### Participants attendance list

Name	Company	E-mail Address	Signature	I ACCEPT		
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Spinos Spyridon	Hellenic Hydrocarbon Resources Management S.A	S.Spinos@greekhydrocarbons.gr		✓	✓	✓
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## QUIETMED 2 – Joint programme for GES assessment on D11-noise in the Mediterranean Marine Region

Workshop – Training session (I) for Competent Authorities from Member States to support the implementation of the marine Strategy Framework-New GES decision-, Barcelona

8th December 2019

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<sup>1</sup> In accordance with European Regulation 2016/679 and Spanish Organic Law 3/2018, ASOCIACIÓN CENTRO TECNOLÓGICO NAVAL Y DEL MAR (henceforth CTN) informs you that by signing up this form and marking this column you authorize CTN to electronically process your personal information that will be used for the following purposes:

- Disseminate information of Project QUIETMED2
- Allow CTN to carry out its internal administrative duty and to comply with all laws and/or orders of the applicable public authorities;

The Data Controller is CTN with its registered office in Parque Tecnológico de Fuente Álamo, Ctra. El Estrecho-Lobosillo, km. 2 - 30320 Fuente Álamo (Murcia) – Email: info@ctnaval.com.

The data will be stored in the relevant offices of CTN for a period of time not exceeding that which is necessary for the intended use.

Personal data will never be transferred or sold to third parties.

It is your right to request the upgrade, rectification, modification, integration, deletion and limited use of your data in our possession through a request to: martasanchez@ctnaval.com

More information is available at <http://www.ctninnova.com/aviso-legal/>

<sup>2</sup> By signing up this document and marking this column you authorize CTN for the use of the images that could be taken during the development of the QUIETMED2 project for its publication with promotional purposes on the webs and social networks managed by CTN and / or magazines or publications.

<sup>3</sup> By signing up this document and marking this column you authorize CTN for sending communications, information of events and newsletter to the e-mail address you have indicated.



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**MSFD COORDINATION UNIT**  
**PROGRAMMATIC CONSULTATION**  
**Specific Project Information Form**

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**Programmatic Activity:** Pile driving

**Applicant name:** WMMC Offshore Construction Associates

Information from contractor	
<b>Description of Work:</b>	Offshore wind platform construction- Marine renewable energy
<b>Location. Please specific latitude and longitude (WGS84)</b>	Latitude: 36,746330 Longitude: 22,213524
<b>Construction Techniques</b>	Proofing of steel piling with an impact hammer
<b>Number of piles being installed</b>	1
<b>Pile type:</b>	Steel pipe pile
<b>Pile size:</b>	70 cm
<b>Installation method</b>	Impact hammer
<b>Dates, number of days vibratory pile driving</b>	From 13 <sup>th</sup> to 17 <sup>th</sup> May 2019 5 days
<b>For impact hammer installation, estimate energy produced</b>	15 MJ
<b>For impact hammer pile driving or proofing, sound mitigation measures</b>	Big Air Bubble Curtain (BBC) Noise reduction: 11 dB re 1µPa <sup>2</sup> s (SEL), 15 dB re 1µPa (Lpeak)

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**MSFD COORDINATION UNIT**  
**PROGRAMMATIC CONSULTATION**  
**Specific Project Information Form**

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**Programmatic Activity:** Seismic surveys

**Applicant name:** WMMC Oil & Gas Co.

Information from contractor	
Description of Work:	3D Marine seismic exploration
Location	Balearic Islands (Spain)
Exploration Techniques	Two source arrays (dual-source shooting) made up of
Devices Specifications	three sub-arrays, each containing 7 to 10 airguns.
Individual air gun volume	4,9 litres
Dates, number of days of campaign	From 14 <sup>th</sup> to 24 <sup>th</sup> October 2019 11 days
For airguns, Source level	240 dB re 1µPa m
For airguns, sound mitigation measures	Passive Acoustic Monitoring



## QUIETMED2 – Joint programme for GES assessment on D11- noise in the Mediterranean Marine Region.

### Workshop -Training session (I) for Competent Authorities from Member States to support the implementation of the marine Strategy Framework-New GES decision-, Barcelona 7th -8th December 2019

#### Evaluation survey

QUIETMED2 team appreciates to know your opinion about the workshop performed. It will help us to improve our activities for the future. Thank you very much for your collaboration.

Please, give a score from 1 (unsatisfactory) to 5 (excellent) the items below:

	5	4	3	2	1
Prior information received	✓				
Activity coordination/organisation	✓				
Appropriate content		✓			
Acquired knowledge		✓			
Supporting materials		✓			
Role of participants	✓				
Meeting place	✓ (signature)	✓ (signature)			

What would you highlight as positive?

✓

What would you highlight as negative?

✓

Comments, suggestions:

✓

## QUIETMED2 – Joint programme for GES assessment on D11- noise in the Mediterranean Marine Region.

### Workshop -Training session (I) for Competent Authorities from Member States to support the implementation of the marine Strategy Framework-New GES decision-, Barcelona 7th -8th December 2019

#### Evaluation survey

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Prior information received					
Activity coordination/organisation	✓				
Appropriate content	✓				
Acquired knowledge	✓				
Supporting materials			✓		
Role of participants			✓		
Meeting place				✓	

What would you highlight as positive?

THE OVERALL EXPLANATION OF THE PROJECT  
2 DETAIL OF THE EXPLANATIONS

What would you highlight as negative?

The venue of the first day was ~~convenient~~ not necessary  
the cost was substantial.

Comments, suggestions:

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Appropriate content	✓				
Acquired knowledge	✓				
Supporting materials	✓				
Role of participants	✓				
Meeting place	✓				

What would you highlight as positive?

Every thing

What would you highlight as negative?

Nothing

Comments, suggestions:

Good



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Activity coordination/organisation	X				
Appropriate content	X				
Acquired knowledge	X				
Supporting materials	X				
Role of participants	X				
Meeting place	X				

What would you highlight as positive?

provided lot of very interesting  
and useful information and <sup>workshop</sup>  
scientific knowledge on the issue.

What would you highlight as negative?

—

Comments, suggestions:

Thank you!

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Appropriate content		X			
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Role of participants		X			
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What would you highlight as positive?

What would you highlight as negative?

Comments, suggestions:

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Prior information received	X				
Activity coordination/organisation	X				
Appropriate content	X				
Acquired knowledge	X				
Supporting materials	X				
Role of participants	X				
Meeting place	X				

What would you highlight as positive?

*All positive and instruction for Registrar*

What would you highlight as negative?

Comments, suggestions:

*I hope continue with  
Huron workshop.  
Thank you!*

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Prior information received		X			
Activity coordination/organisation	X				
Appropriate content		X			
Acquired knowledge			X		
Supporting materials		X			
Role of participants			X		
Meeting place	X				

What would you highlight as positive?

*A Good review of the situation*

What would you highlight as negative?

*A lot of presentation*

Comments, suggestions:

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Appropriate content		✓			
Acquired knowledge		✓			
Supporting materials	✓				
Role of participants		✓			
Meeting place	✓	✗			

What would you highlight as positive?

The competence gained by the project team throughout the project -

What would you highlight as negative?

NONE

Comments, suggestions:



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Prior information received	4				
Activity coordination/organisation	4				
Appropriate content	4				
Acquired knowledge	4				
Supporting materials		4			
Role of participants	4				
Meeting place	4				

What would you highlight as positive?

Communicated and coordinated

What would you highlight as negative?

All positive.

Comments, suggestions:

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Appropriate content	X				
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Supporting materials	X				
Role of participants	X				
Meeting place				X	

What would you highlight as positive?

What would you highlight as negative?

Comments, suggestions:

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Acquired knowledge		X			
Supporting materials		X			
Role of participants		X			
Meeting place	X				

What would you highlight as positive?

The project, from my view, has become strategic in the framework of MSFD but also in the framework of the whole region (UNEP/MAP + ACCOBAMS). From ES we will push to achieve results in the MSFD.

What would you highlight as negative?

There are lots of barriers but step by step, keep moving!

Comments, suggestions:

Felicidades - Marta - ☺

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Appropriate content		X			
Acquired knowledge			X		
Supporting materials				X	
Role of participants			X		
Meeting place			X		

What would you highlight as positive?

What would you highlight as negative?

Receive supporting materials before attending workshop/training

Comments, suggestions:

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Appropriate content	✓				
Acquired knowledge	✓				
Supporting materials		✓			
Role of participants	✓				
Meeting place	✓				

What would you highlight as positive?

- Exchange of information and methodologies.
- Training session of data input.
- International cooperation.

What would you highlight as negative?

Nothing

Comments, suggestions:

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Supporting materials		✓			
Role of participants		✓			
Meeting place	✓				

What would you highlight as positive?

The wide participation of representatives from many countries  
The organization of the event and the discussion held between the participants

What would you highlight as negative?

Not that many new things learned.

Comments, suggestions:

Keep organizing meetings, work in consortiums in order to attract funding for monitoring projects and built monitoring infrastructures.

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Appropriate content			X		
Acquired knowledge		X			
Supporting materials			X		
Role of participants	X				
Meeting place		X			

What would you highlight as positive?

It has been interesting step to move forward the implementation on D11 Register at a sufficient detail, and practical, for this indicator managers at Member States. Coordination with Accobas and SEA DAC is quite useful and constructive.

What would you highlight as negative?

Comments, suggestions:

It would be very constructive to keep in touch in next steps due; and also to look for synergies between D1 and D11 regarding searching and gathering data, and oceanographic campaigns to be done.

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Supporting materials		X			
Role of participants	X				
Meeting place	X				

What would you highlight as positive? **AWARENESS – REPORT TOOL**  
**GOOD SPIRIT OF COOPERATION**

What would you highlight as negative?

**Nothing**

Comments, suggestions: **REALIZE that we have a lot of work to do**  
**The enforcement of threshold in National legislative framework**  
**demand solid documentation and justification.**  
**Or else we have to deal with public consultation**  
**and lawyers which will represent activities affected**  
**and they will lead to supreme courts to make those**  
**thresholds not applicable.**



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Supporting materials		X			
Role of participants	X				
Meeting place	X				

What would you highlight as positive?

People are asking questions we asked already. ~~So no~~ We are converging and work quickly on same level. Many competent authorities were present (EU and Non-EU)

What would you highlight as negative?

Discussion could be more dynamics

Comments, suggestions:

Maybe not talk about ~~military activities~~ (Non MSFD)

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Appropriate content	2				
Acquired knowledge	X				
Supporting materials		X			
Role of participants	X				
Meeting place	X				

What would you highlight as positive?

Presentation helped those who are new to the problematic to understand the needs and caveats; and to figure out which methods to apply.  
Presence of non-EU countries.

What would you highlight as negative?

Comments, suggestions:

Add rhythm to keep exchanges and discussions -

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Role of participants	X				
Meeting place		X			

What would you highlight as positive?

La coordination entre les différents participants concernant les informations reçues et ou demandées. Présence de pays non européens.

What would you highlight as negative?

Le sujet traité reste un peu mal maîtrisé surtout dans les pays du sud. Il faudrait plus de training et de savoir en matière de sujet.

Comments, suggestions:

Brefa tout est positif et nous sommes prêts à apprendre, à participer et à appliquer.

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Role of participants	✓				
Meeting place		✓			

What would you highlight as positive?

- implement this event in frame of WHMC19.
- provide the essential information about quietMED1
- Participation of non-European Countries.

What would you highlight as negative?

- change the meeting place.
- More ~~to~~ information need to provide ~~at~~ before meeting (scientific or technical information)
- Short time

Comments, suggestions:

- Make the Future sessions.
- ACCOBAMS, quietMED2 and SPA/RAC have to organize common event in future.

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Appropriate content	X				
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Supporting materials		X			
Role of participants	X				
Meeting place	X				

What would you highlight as positive?

PARTICIPATION OF SOUTHERN MED STATES.

What would you highlight as negative?

CLARITY IN BASIC CONCEPTS. BROADER PERSPECTIVE TO INCLUDE UNFAMILIAR PARTICIPANTS. PRIOR INFO COULD HAVE BEEN MORE COMPLETE.

Comments, suggestions:

GOOD JOB!