



WATEREYE

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Consortium Members

Organisation	Abbreviation	Country
Centro Tecnológico Ceit-IK4	CEIT	Spain
Delft Dynamics B.V.	DD	The Netherlands
Semantic Web Company	SWC	Austria
Delft University of Technology	TUD	The Netherlands
SINTEF Energy Research AS	SINTEF-E	Norway
SINTEF AS	SINTEF-I	Norway
FLANDERS MAKE VZW	FMAKE	Belgium
COBRA Instalaciones y Servicios	COBRA	Spain
Plataforma Oceánica de Canarias	PLOCAN	Spain

Deliverable D6.5

WATEREYE Initial Dissemination Workshop/Event

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EXECUTIVE SUMMARY

The document presents the Deliverable D6.5 “WATEREYE Initial Dissemination Workshop/Event” of the Project titled “O&M tools integrating accurate structural health in offshore energy” (Project Acronym: WATEREYE; Grant Agreement No 851207).

This document has been prepared to provide preliminary details about the organization of this first dissemination workshop as a complement dissemination material of the Deliverable D6.10 “2nd version of Dissemination material” which collects the material at M18. The participants subscribed to this Workshop/Event will be clearly informed about the consent and the data policy as presented in D8.2 and D8.3.

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ABBREVIATIONS AND ACRONYMS

Abbreviations / Acronyms	Description
CBM	Condition-Based Maintenance
CM	Condition Monitoring
DSS	Decision Support Systems
EC	European Commission
EPC	Engineering, Procurement and Construction
FEM	Finite Element Method
IPS	Indoor Positioning System
LCoE	Levelized Cost of Energy
NLOS	Non-Line-Of-Sight
OPEX	Operational Expenditures
O&M	Operation and Maintenance
PdM	Predictive Maintenance
RUL	Remaining Useful Lifetime
SHM	Structural Health Monitoring
UAV	Unmanned Aerial Vehicle
US	Ultrasound
UWB	Ultra-Wide Band
WT	Wind Turbine
WF	Wind Farm
WFO	Wind Farm Operator

1 INTRODUCTION

This Deliverable presents specific actions about the WATEREYE Initial Dissemination Workshop to be opened to the public, with the aim of catching the attention of the WATEREYE audience. To do so, specific dissemination materials will be produced, mostly for mass media one-way communication channels. As other dissemination actions, the main goal is to improve the acceptance and interest of the audience in the outcomes and advantages of the WATEREYE status and results.

This first Dissemination Event will show the WATEREYE results at M26. A Second Dissemination Event will be organized by PLOCAN at M36 to present the final results of the WATEREYE project including the final demonstration which will be deployed at the PLOCAN offshore platform.

2 PRELIMINARY TOPICS

This table shows the foreseen topics for the Event, agreed by the WATEREYE Consortium. The ongoing research activities will be presented by means of providing the most interesting challenges and recent results pointed out by WATEREYE. Each technical presentation will last around 20 minutes leaving 10 minutes for questions. We will start thinking on the venue and the date of the Event in June.

Time	Title	Speaker
09:15-09:30	Welcome by the host	Ainhoa Cortés (CEIT)
09:30-10:00	Samples, production and corrosion lab testing	Astrid Bjørgum (SINTEF-I)
10:00-10:30	Ultrasound solution for corrosion monitoring	Ainhoa Cortés (CEIT)
10:30-11:00	Mobile Platform: Indoor Navigation & Sensor Positioning System	Eduard IJsselmuiden (DD)
11:00-11:30	Coffee Break	
11:30-12:00	Corrosion models	Catalina Hagen (SINTEF-I)
12:00-12:30	Diagnosis and Prognosis algorithms for RUL prediction	Robert Brijder (FMAKE)
12:30-13:00	3D visualization tool: corrosion evolution in the Wind Turbine	Agusmian Partogi Ompusunggu (FMAKE)
13:00-14:30	Lunch	
14:30-15:00	Forecast tool: short-term and long-term	Riccardo Ferrari (TUD)
15:00-15:30	Load-limiting fault tolerant control algorithms	Riccardo Ferrari (TUD)
15:30-16:00	Efficient data management: data structure and storage	Artem Revenko (SWC)
16:00-16:30	Control & maintenance strategy at wind farm level	Konstanze Kölle (SINTEF-E)

16:30	End of showcase	
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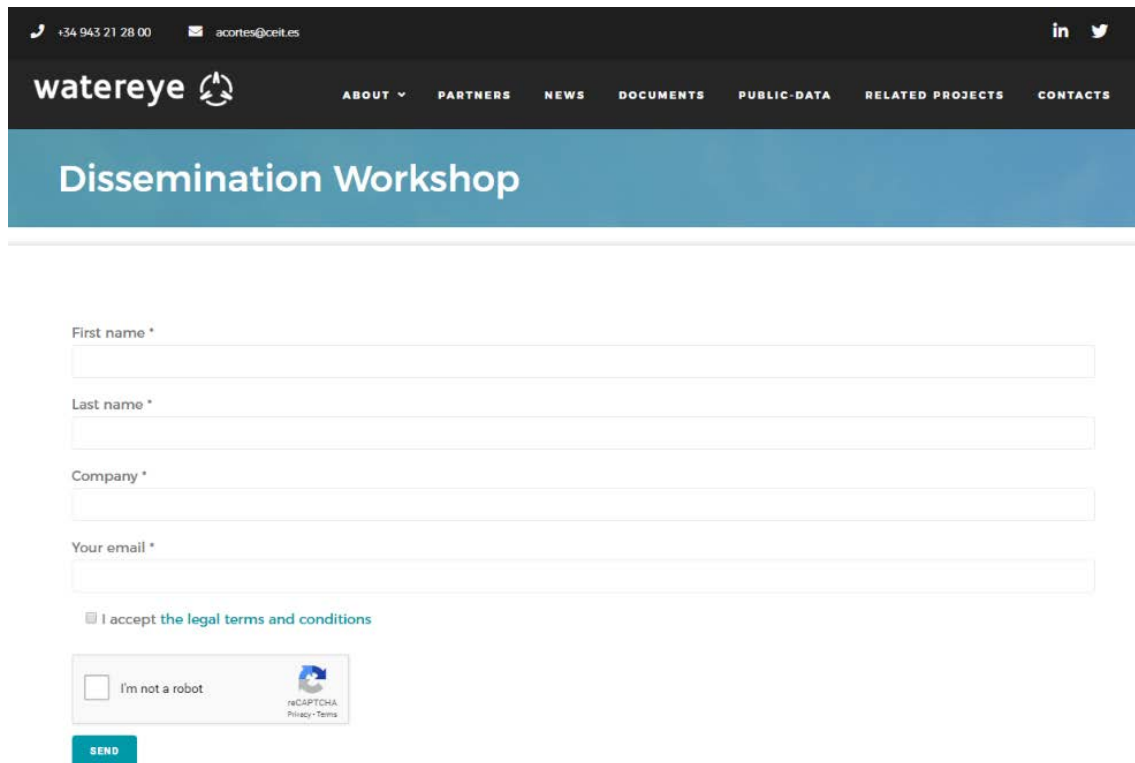
3 ORGANIZATION

The WATEREYE project plans to have one Dissemination Workshop in December 2021. Hence, the organization of this Event will start in June 2021.

CEIT will organize the first Dissemination Workshop in M26 to present the initial results of the WATEREYE system at CEIT's premises.

This workshop will have an international character and representatives from industry, SME organizations, potential end users, stakeholders, academia, and policymakers. Furthermore, the EEAB members will be invited to the Event. All of them will be able to attend to this Open Event physically or virtually taking into account the current COVID-19 situation. As stated in the Deliverable D8.3, WATEREYE will follow the EC recommendations about collecting only the necessary personal data for a specific purpose through the WATEREYE website by using a registration form. Only CEIT will have access to that information. The purpose of this registration form is to keep all the personal data of the dissemination workshop participants as confidential as possible.

Therefore, we will collect only the name, surname, company and email of the registered people. The personal information will be used to map the interested people from potential beneficiaries, and to send the corresponding information about the Dissemination Event.



The image shows a screenshot of the WATEREYE website's registration form. The header is dark with the WATEREYE logo and navigation links: ABOUT, PARTNERS, NEWS, DOCUMENTS, PUBLIC DATA, RELATED PROJECTS, and CONTACTS. A blue banner below the header reads "Dissemination Workshop". The form itself is white and contains the following fields: "First name *", "Last name *", "Company *", and "Your email *". Below these fields is a checkbox for "I accept the legal terms and conditions". At the bottom of the form is a reCAPTCHA widget with the text "I'm not a robot" and a "SEND" button.

Figure 1. Registration Form for the Initial Dissemination Event

The registration form will have a permission check-box with a clear statement about what the data we are collecting will be used for, which is necessary to be selected if users want to validate the subscription. Furthermore, the statement must explain where, how and why the data are stored and allows the user to revoke the consent as is shown in Figure 1.

The Workshop is expected to be held at CEIT's premises, if the COVID-19 situation allows us to do so, sharing the Event in streaming for those who cannot attend physically and to have a major impact. If this is not the case, CEIT will organize the Event totally in a virtual mode, exploiting the options provided by the Zoom platform.

The agenda of the Event and the registration form will be published on the WATEREYE website in July. Furthermore, we will also publish the Event details on our social networks to increase the visibility of the Event and catch the attention of representatives from industry, SME organizations, potential end users, academia, and policymakers.