FIBREGY

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 952966.

Development, engineering, production and life cycle management of improved FIBRE-based material solutions for the structure and functional components of large offshore wind enerGY and tidal power platforms

2nd information day

Responsible Partner: AVK

Contributor(s): -

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List of Abbreviations

CDP	Communication and dissemination plan
FRP	Fibre-reinforced plastics

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Executive summary

This document presents the deliverable D7.6 – the report on the second information day of FibreGY held on the 13th of September 2022. It is part of the task 7.1 and executes the communication and dissemination strategy of the Fibregy project. The second information day is used to present the FibreGY project to the public by giving a detailed insight into the project's work plan structure and presenting first results. The following part outlines the main process of the event regarding organisation, attendees and procedure.

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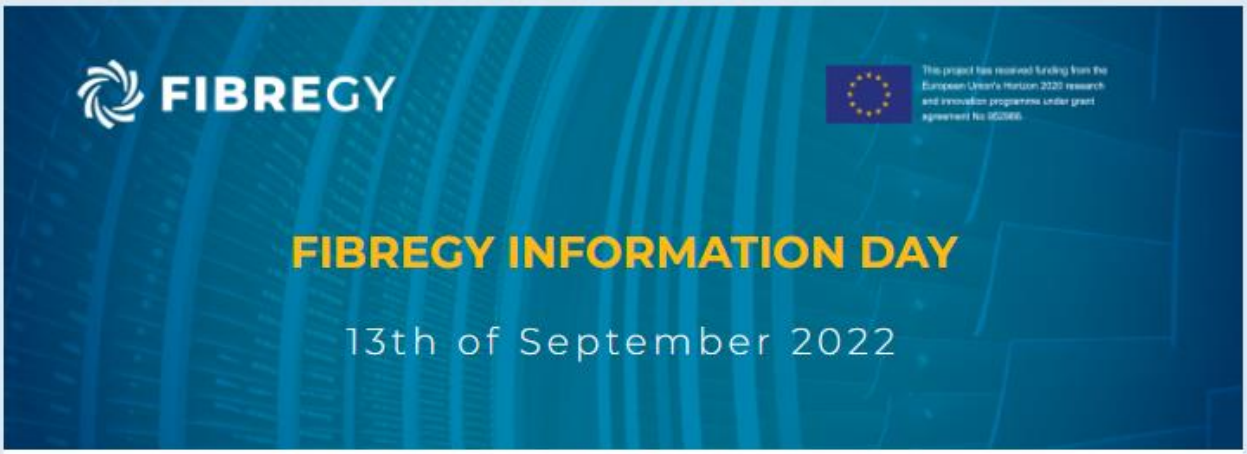
1. Introduction

Effective external communication of FIBREGY project is a priority. Therefore, the CDP (D7.2) describes the main communication and dissemination strategy providing a framework for the internal and external communication activities, taking into consideration and contributing to the achievement of the project's objectives. Taking this plan into action and following the first information day, AVK organized the second information day, which was originally planned in month 18 of the project. The process of organizing and executing this event will be presented in this document.

2. Organisation of the event

Initially it was planned to conduct the second information day in Month 18 (June 2022) of the project. Due to the first reporting period in month 18/19, the event was moved to month 21 (September 2022) to not collide with the reporting period nor the holiday season in Europe. The postponement was arranged in accordance with the PO. The event was planned as an online event on the Zoom platform. Following the joint organisation of the 1st organisation day, CIMNE proposed to combine the event of FibreGY with another Horizon 2020 project which is organized by CIMNE called Fibre4Yards. Both projects follow the same holistic goal promoting the use of fibre-reinforced plastics (FRP) in the maritime environment, whereby the idea of joining the events of both projects seems practical since they address the same audience, and the reached audience can therefore be increased. A first date set to the 13 of September.

To increase the number of attendees of the event the news was spread throughout the network of AVK, as one of the biggest composite federations in Europe, and through the network of both projects' consortia. Additionally, a newsletter was created and sent out through the Fibregy mailing list. This was also shared as a post on LinkedIn. The Newsletter can be seen in figure 1.



Dear all,

we are happy to invite you to the 2nd information day of the Fibregy project. The event will be held online on 13th of September between 15.00 and 17.00 (CET).
Just follow this link to join the Zoom event next week:
https://us06web.zoom.us/meeting/register/tZ0kfuurqDorH9EGp75q3aqosOwUhSFkXvJZ

We are delighted to already share the exciting agenda with you:

Figure 1: This newsletter was distributed through the Fibregy mailing list.

The proposed agenda can be found in table 1. The event starts with a welcome and overview of the Fibregy project. Following, the goals and progress of FibreGY is presented with a subsequent discussion. Afterwards the Design and Manufacturing for Tidetec Tidal Turbine Demonstrator in FRP materials are presented by TSI and INEGI. Following this the Design, manufacturing, and connections solutions of the W2Power demonstrators is presented. Afterwards the Fibre4Yards coordinator gives a presentation about the progress of the Fibre4Yards project. In the end a 15-minute Question and answer session is planned.

Table 1: Agenda of the event.

Time	Agenda	Presented by
15.05 - 15.20	Fibregy Project introduction	CIMNE
15.20 - 15.45	Design and Manufacturing for Tidetec Tidal Turbine Demonstrator in FRP materials	TSI + INEGI
15.45 - 16.15	Design, manufacturing, and connections solutions of the W2Power demonstrators	COMPASIS, INEGI + IXBLUE
16.15 - 16.45	Presentation Fibre4Yards	Fibre4Yards
16.45 - 17.00	Q&A	

3. Execution of the event

The event starts with a welcome and introduction of the Fibregy coordinator to today's agenda and an introduction to the progress of the Fibregy project.

At 15.17 TSI is starting to present the progress of the Design of the Tidetec Tidal Turbine in FRP materials. INEGI follows this presentation with the explanation of the manufacturing technique and schedule for the Demonstrator manufacturing.

At 15.43 Compasis starts with the presentation of the Design for the W2Power demonstrators. Following this INEGI presents the progress on the topic of the different connection types. IXBLUE concludes the presentation of the Fibregy project with the manufacturing plan of the W2Power demonstrators.

At 16.17 Compasis starts with the presentation of the Fibre4Yards progress.

At 16.36 the Question-and-answer session starts. Nicholas Tsouvalis from National Technical University of Athens asks a question about the dimension and the internal structure of the full-scale and prototype towers. Edouard from IXBLUE explains that the demonstrator towers will be in scale 1:6 and therefore will be produced in monocoque, but the full-scale towers will have reinforcements. Another question by Nicholas Tsouvalis from National Technical University of Athens asks about the mechanical properties of the Finite Element Analysis used in the tidal tower demonstrator. Cristobal from TSI will hand in the mechanical data via email after the event. There are no more questions. The event ends at 16.41. The event was recorded with the Zoom programme.

In table 2 the list of attendees is visible. The list is generated through the Zoom programme and the names, which are used in the zoom programme are shown. Therefore, some of the names are abbreviated.

Table 2: List of attendees

Attendees	Email
Mario Moutinho	mmoutinho@inegi.up.pt
Miguel Calpe	mcalpe@cimne.upc.edu
Aquilino Álvarez-Castro	aquilino.alvarez@tsisl.es
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Diogo Cardoso	dcardoso@inegi.up.pt
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João Cardoso	jmcardoso@inegi.up.pt
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Carmen Hurtado	carmen.hurtado@enerocean.com

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peter davies	peter.davies@ifremer.fr

4. Conclusion

With a total of 29 attendees a relevant crowd of stakeholders could be reached. The goal of FibreGY to increase the use of FRP in the maritime environment in the energy sector could be presented. The results of different work packages regarding the design and the manufacturing technique could be presented and be discussed with an audience from industry, research institutes and public authorities. Through the combination of the two projects FibreGY and Fibre4Yards a bigger audience could be targeted and through the success of this event, the audience of future events will increase. Therefore, the news about future events will be spread in an even bigger network using the mailing list generated from this event. The next public event of the Fibregy project will be the first open-industrial door day at the facilities of ENEROCEAN in the Canary Islands, when the prototype tower of the W2Power will replace metal structure. This event is planned in collaboration with E-LASS (European network for lightweight applications at sea.).

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