



D.9.4 – FLOTANT FINAL VIDEO

THE OCEANIC PLATAFORM OF THE CANARY ISLANDS (PLOCAN) & COBRA INSTALACIONES Y SERVICIOS (COBRA)

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FLOTANT -Innovative, low cost, low weight and safe floating wind technology optimized for deep water wind sites, has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No.815289

[Deliverable 9.4 – Flotant Final Video]

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Abstract

Project video represents one of the most useful and powerful one-way communication tools. A 3D videos was produced in order to show the aspect of the FLOTANT solution presenting the most important developments.

Beside this 3D video, a final video was produced in order to recovery the challenges that FLOTANT project faced at the first stage of this R&D project and how these have been overcome.



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1 INTRODUCTION

Work Package 9 (WP9) in FLOTANT aims to facilitate the engagement of stakeholders in the co-design process as well as exploitation of results. Consortium will reach its target audience through communication, dissemination and exploitation of its results building the base for legacy, sustainability and social acceptance.

The specific objectives are:

- Implement a strong Communication, Dissemination and Exploitation Plan to highlight FLOTANT and its achievements.
- Create FLOTANT ASB community providing an innovative and collaborative environment.
- Produce and distribute specific material for communication, dissemination and exploitation purposes ensuring Open Access for research data.
- Collaborate with European and other international related programs such as national/regional programs, H2020 projects, including other awardees to this call.

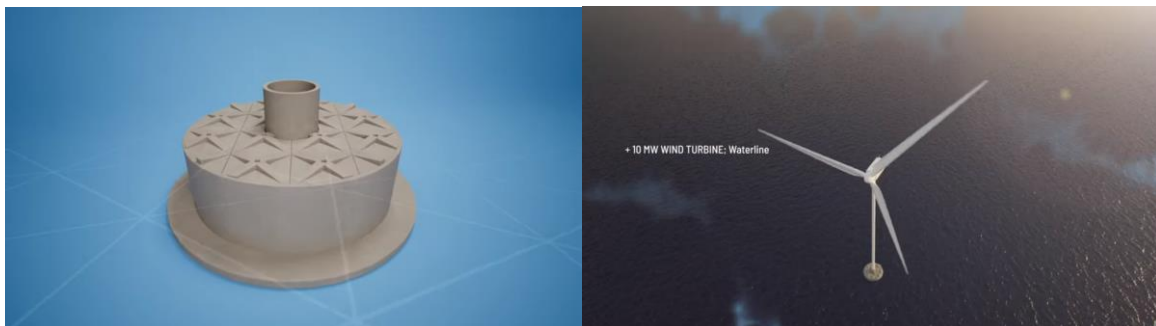
Based on the comprehensive Development and track of the Communication, Dissemination and Exploitation Plan (CDEP), with a clear target audiences identified, this task will deal with the production of a final video to cover the results of the project.

2 FLOTANT FINAL VIDEOS DESCRIPTION

These video aims to summarise the challenges which were faced and the main characteristics of the proposed solutions.

3D Video

This 3D animation shows the basic structure of the floater; the benefits of this technology in terms of assembly, transportation and commissioning; the innovations proposed in the field of power export and mooring system; and finally, how this technology aims to reduce the costs in CAPEX and OPEX, which is demonstrated within the WP6 and WP7 of the FLOTANT project.



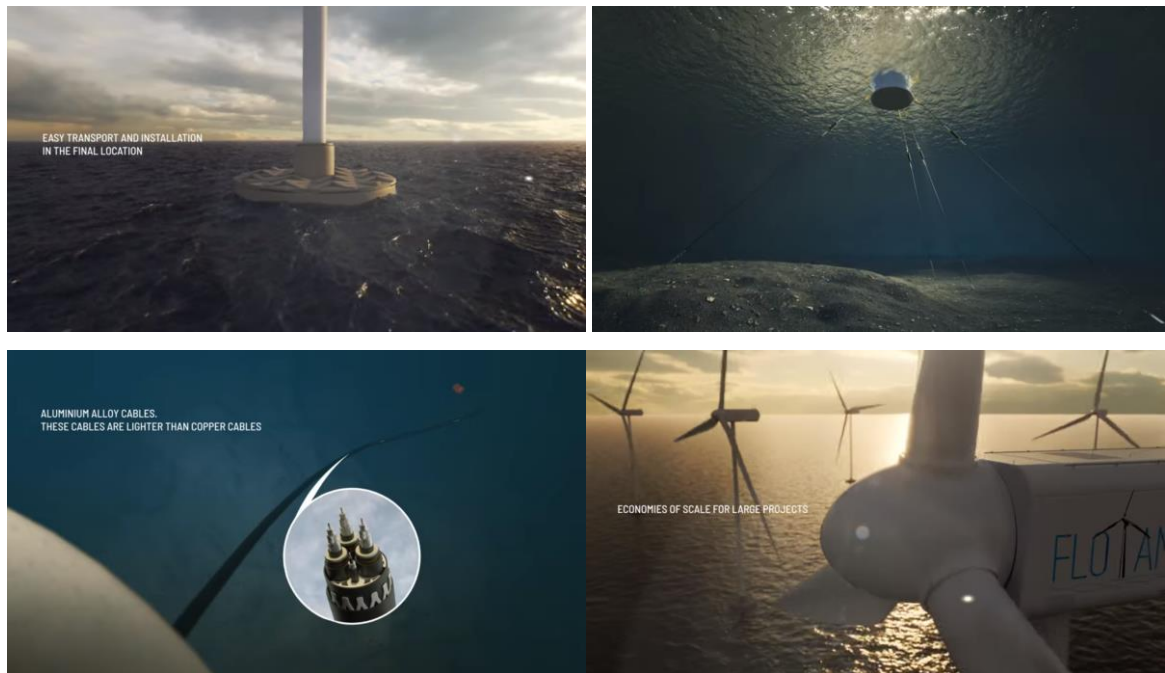


Figure 1. SOME CAPTURES OF THE 3D VIDEO.

The FLOTANT partners are mentioned as well as the reference to the European Union Programme H2020 and Grant Agreement.

Final Video

This video joins some of the 3D animations as a main result of the project, together with a 2D animation which explains the configurations of the FLOTANT system. And how this consortium has collaborated to overcome the challenges proposed by the call.

The video script is as follows:

“In 2019, we met the challenge set by the European Commission to develop solutions to reduce the cost and increase performance of renewable technologies.

We envisioned a novel hybrid concrete-plastic floating structure.

We envisioned composite mooring cables with polymer springs.

We envisioned lightweight dynamic power cables.

We envisioned an environmentally friendly technology, by reducing materials and complexity, using antifouling and anti-bite additives, and based on an easily transportable substructure.

And we did it...

After more than 80,000 working hours, 17 institutions from 8 different countries, involving more than 130 people in calculating.... designing.... modelling....testing.

FLOTANT, is ready to set sail. We will float over deep-water areas, we will withstand extreme weather

conditions, big waves, and strong winds so that we can capture the enormous wind energy located over the oceans to power the world.

This is European Innovation and cutting-edge technologies working together to transform the future Floating offshore Wind market into reality.

This is FLOTANT”

The FLOTANT partners are mentioned as well as the reference to the European Union Programme H2020 and Grant Agreement.

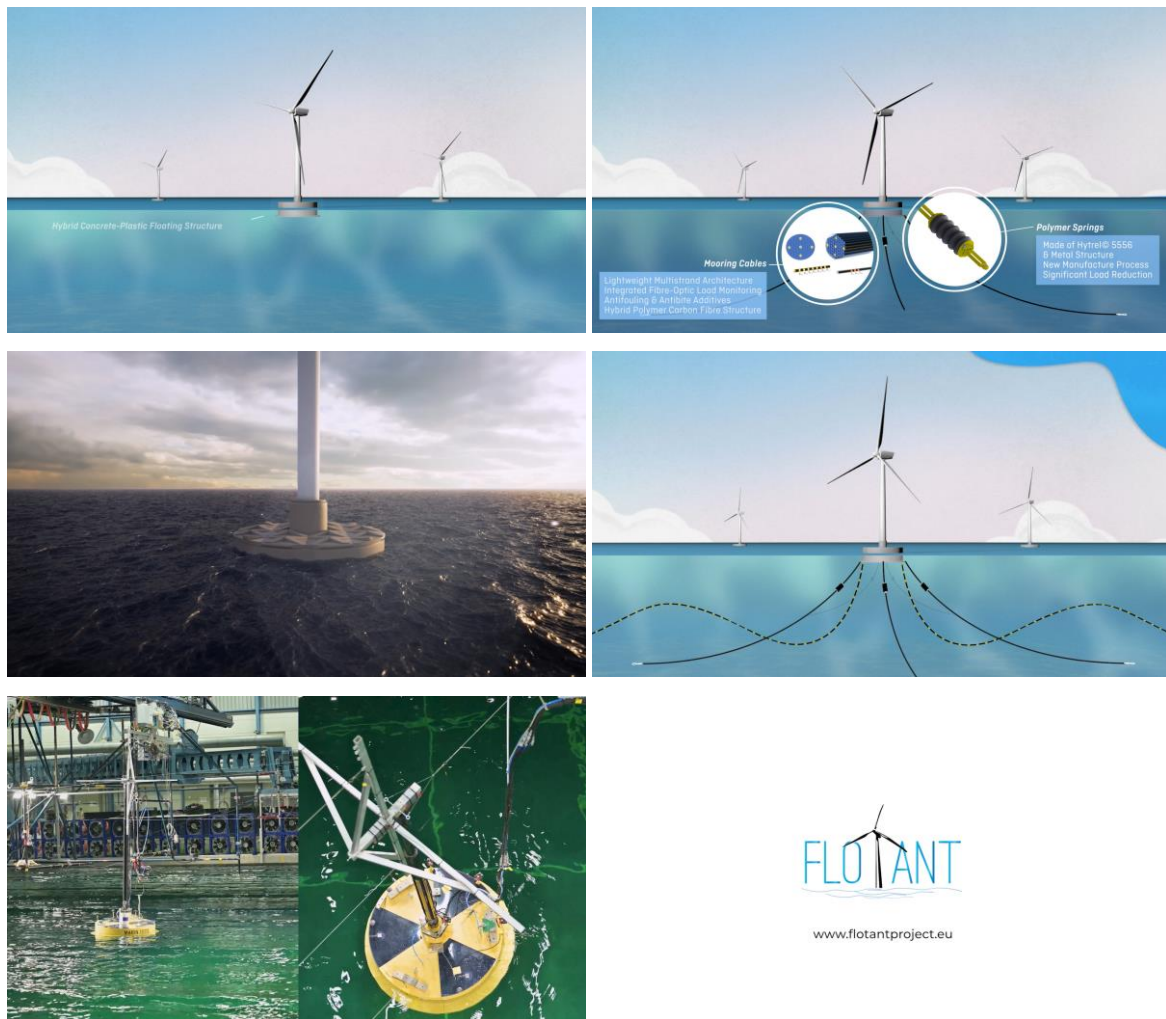


Figure 2. SOME CAPTURES OF THE FINAL PROJECT VIDEO.

3 CONCLUSIONS

The videos were uploaded to the Youtube platform, on the FLOTANT channel:

- 3D video: (<https://youtu.be/ouByi0DEdvY>).
- Final video (<https://youtu.be/8tg9ceKptXU>).

An uncompressed version was uploaded to the intranet to be shared with all the project partners and to be used by them in their communicating and disseminating activities.