



Newsletter

2023 | Issue 1 | Carbo4Power

Project Overview

The Carbo4Power is a 4-year project, which started in November 2020 and it is led by the National Technical University of Athens (NTUA), with the participation of a multidisciplinary team of 18 partners (8 SMEs) from 8 countries provides technological know-how and industrial leadership, with well-balanced dissemination, communication & exploitation impact.

This project is funded by the H2020-EU.2.1.3. (€ 7 8 million – Grant Agreement 953192). The main objective is to develop a new generation of lightweight, high strength, multifunctional, digitalized multi-materials for offshore turbine rotor blades that will increase their operational performance and durability while reducing cost of energy production, maintenance and their environmental impact.

Inside This Issue

PG. 2

Open Day Event

Carbo4Power participation at the ECS Conference

INEGI participation at the MATERIAIS 2023

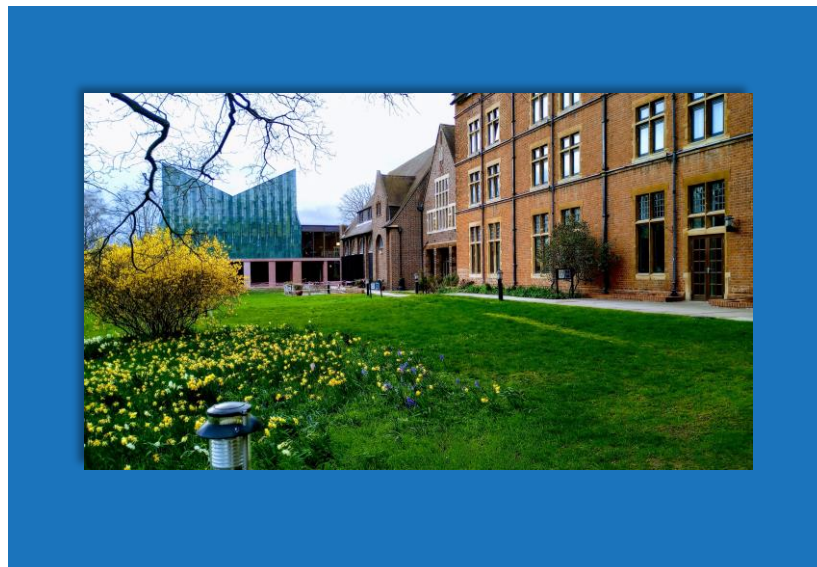
PG. 3

Carbo4Power participation at the JEC 2023

Participation at E-LASS #17

Carbo4Power 1st Open Day Workshop

The Carbo4Power Project is organizing its 1st Exploitation and Dissemination Open Day Workshop. This event is being held on the **8th June 2023**, in Cambridge, UK at **Homerton College**, as a hybrid meeting. For more information on this event, please visit the dedicated page [Workshop](#) on the project [website](#).



[Register here](#)

Participation at the ECS Conference - 27 – 28 MARCH, 2023 Nuremberg

Dr. Claus Schreiner from the partner organisation Fraunhofer IFAM, represented the project at the European Coatings Show Conference on the 27 – 28 MARCH, 2023, held in Nuremberg. Dr Schreiner gave a presentation (with the contribution from the project partner ORE Catapult), entitled: “Materials for erosion protection – Elastomeric coatings for leading edge protection”



INEGI represented the project at the MATERIAIS 2023 - 3 to 6 April 2023

INEGI represented the Carbo4Power at the Materials 2023 (MATERIAIS 2023) Congress, which took place in Guimaraes, Portugal, on the 3 to 6 April 2023. Dr Nelson Gonçalves from INEGI gave a presentation entitled: Numerical Simulations of Carbon Fibers Impregnation with Polymer as Anisotropic Permeability Medium



This project is supported by the European Union under the HORIZON2020 Framework Programme Grant Agreement no. 953192. The contents of this Newsletter are the sole responsibility of the parties and cannot be considered as reflecting the position of the European Union.

Participation at the JEC 2023 - 25 – 27 April 2023.

Representatives from the Carbo4Power partner organisations: **NTUA, IRT JVerne, AIMEN, Sens-in** and **INEGI**, represented the project at the JEC 2023 Congress.



Participation at E-LASS #17 – 3-4 May 2023

Stefania Termine from NTUA represented the Carbo4Power project at the E-LASS #17, held on the 3-4 May 2023 at Las Palmas (Spain). Ms Termine gave a presentation entitled: **New generation of offshore turbines blades of nano-enabled multi materials.**

The European network for lightweight applications at sea (E-LASS) gather stakeholders interested in lightweight design for the maritime industry.

Carbo4Power Contact



Project Coordination

coordinator@carbo4power.eu



Dissemination and Exploitation

info@carbo4power.eu



Ms Termine from NTUA, with representatives of Marewind and Fibregy sister projects



<https://www.linkedin.com/groups/12498504>



<https://twitter.com/Carbo4P>

