

HORIZON EUROPE PROGRAMME
TOPIC HORIZON-CL4-2022-RESILIENCE-01-24

GA No. 101091572

Graphene, MXene and ionic liquid-based sustainable supercapacitor



GREENCAP - Deliverable report

D6.2 – Dissemination, communication, and exploitation plan



**Funded by
the European Union**

Deliverable No.	GREENCAP D6.2	
Related WP	WP6	
Deliverable Title	Dissemination, communication, and exploitation plan	
Deliverable Date	2023-06-30	
Deliverable Type	REPORT	
Dissemination level	Sensitive – member only (SEN)	
Author(s)	Alessandra Lucini Paioni (UNR)	
Checked by	Maarten Weide (UNR)	2023-06-12
Reviewed by (if applicable)	Sebastiano Bellani (BED)	2023-06-16
	Francesco Bonaccorso (BED)	2023-06-19
	Riina Maruštšak (SKL)	2023-06-21
Approved by	Francesco Bonaccorso (BED) - Project coordinator	2023-06-28
Status	Final	2023-06-28

Document History

Version	Date	Editing done by	Remarks
V01	2023-06-12	UNR	
V02	2023-06-16	BED	
V1.0	2023-06-19	BED	
V1.1	2023-06-28	UNR	

Publishable summary

The Horizon Europe GREENCAP project aims to unlock the full potential of supercapacitors (SCs) as electrochemical energy storage systems, supporting the transition towards the climate-neutrality set by the EU's international commitments under the Paris Agreement, while ensuring the targets of EU's Action Plan on Critical Raw Materials. By exploiting layered 2D materials (L2DMs), including graphene and MXenes as electrode materials, and ionic liquids (ILs) as high-voltage electrolyte, GREENCAP will develop a CRM-free SC technology exhibiting a battery-like energy density (>20 Wh/kg, >16 Wh/L), together with the distinctive superior power densities and high cycle life of traditional electrochemical double layer capacitors.

This deliverable describes the Dissemination, Communication, and Exploitation Plan for the GREENCAP project. The aim of this preliminary plan is to present the planned strategy and actions for communication and dissemination of the results of the GREENCAP project. The overall scope of the dissemination activities within the GREENCAP project is to ensure the maximal impact of the project by efficiently communicating project innovations to relevant target groups. Dissemination involves preparing information for the project website and facilitating the exploitation activities of the project, making the results known to future users. Part of the dissemination plan is to promote synergies with relevant stakeholders and other projects related to energy storage and nanomaterial research to combine efforts and accelerate the communication and dissemination of key messages and results. In addition, an objective is to promote the project findings through presentations at workshops, scientific publications, and events.

1 Acknowledgement

The author(s) would like to thank the partners in the project for their valuable comments on previous drafts and for performing the review.

Project partners:

#	Partner short name	Partner Full Name
1	BED	BEDIMENSIONAL SPA
2	SOLV	SOLVIONIC
3	FSU	FRIEDRICH-SCHILLER-UNIVERSITÄT JENA
4	SKL	SKELETON TECHNOLOGIES OU
5	TCD	THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY & UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN
6	TUD	TECHNISCHE UNIVERSITÄT DRESDEN
7	UNISTRA	UNIVERSITÉ DE STRASBOURG
8	SM	SKELETON MATERIALS GMBH
9	UNR	UNIRESEARCH BV
10	CNR	CONSIGLIO NAZIONALE DELLE RICERCHE
11	UCAM	THE CHANCELLOR MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE

Disclaimer/ Acknowledgment



Copyright ©, all rights reserved. This document or any part thereof may not be made public or disclosed, copied or otherwise reproduced or used in any form or by any means, without prior permission in writing from the GREENCAP Consortium. Neither the GREENCAP Consortium nor any of its members, their officers, employees or agents shall be liable or responsible, in negligence or otherwise, for any loss, damage or expense whatever sustained by any person as a result of the use, in any manner or form, of any knowledge, information or data contained in this document, or due to any inaccuracy, omission or error therein contained.

All Intellectual Property Rights, know-how and information provided by and/or arising from this document, such as designs, documentation, as well as preparatory material in that regard, is and shall remain the exclusive property of the GREENCAP Consortium and any of its members or its licensors. Nothing contained in this document shall give, or shall be construed as giving, any right, title, ownership, interest, license or any other right in or to any IP, know-how and information.

This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101091572. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union. Neither the European Union nor the granting authority can be held responsible for them.