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GA No. 101091572

Graphene, MXene and ionic liquid-based sustainable supercapacitor



GREENCAP - Deliverable report

**D6.5 – Updated exploitation strategy including the list of
results' owners**



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Publishable summary

The report identifies and describes the Key Exploitable Results (KERs) generated during the project as well as those planned in its post-project phase. Each KER is analysed with respect to its technical content, potential value, target sectors, and strategic pathway toward exploitation and market uptake. The identified KERs cover a broad spectrum of innovation domains, including advanced materials, manufacturing processes, equipment, software tools, and scientific know-how. Their relevance extends across several sectors, such as supercapacitor and battery manufacturing, textile and wearable electronics, printed electronics, photovoltaic technologies, energy storage and deployment, and academic research.

For each KER, tailored exploitation strategies are outlined—ranging from direct industrial application and product integration to licensing opportunities and continued R&D collaboration. The report also identifies potential European funding instruments and initiatives that could support further development, scale-up, and commercialization.

Overall, the document provides a structured roadmap to enhance the visibility, impact, and long-term sustainability of the project's outcomes, ensuring that GREENCAP innovations are effectively positioned for industrial and societal benefit.

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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 |
| 12 | CU | Y CARBON LLC |

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