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What have we been up to?

HEALING BAT is a European research project that brings together ten organisations from six different countries to investigate the batteries of the future. Throughout the project's lifetime, we will develop and implement self-healing materials and healing strategies deploying embedded sensors and actuators in key battery components. The work is based on a lithium-sulfur (Li-S) battery, and the designs and concepts we develop will be extrapolated to a new class of self-restoring Li-S batteries.

So far we have created specific strategies and processes for project management, dissemination, exploitation, and data management. All partners have also been planning and kicking off the work for the different work packages. Moreover, we have developed a visual identity for HEALING BAT and launched our official project website and social media channels. An External Advisory Board has also been called to provide guidance.

Find out more about the HEALING BAT project!



Our project partners

Discover where they come from and which expertise they bring to the project.



Our work packages

Learn about the different activities we will carry out and the results we will achieve.



Our project resources

Access our project's promotional materials, public deliverables, and publications.

News & articles



HEALING BAT receives EU funding to develop new self-healing batteries

The project will develop advanced sensing, monitoring and self-healing mechanisms for self-healing batteries.



HEALING BAT takes part in the EU initiative Battery 2030+

This large-scale European research initiative is committed to inventing the sustainable batteries of the future.

Latest events



Kick-off meeting in Germany

The whole consortium met at the coordinator's facilities in TU Dortmund and planned all upcoming work.



1st General Assembly in Spain

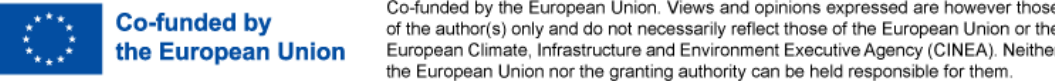
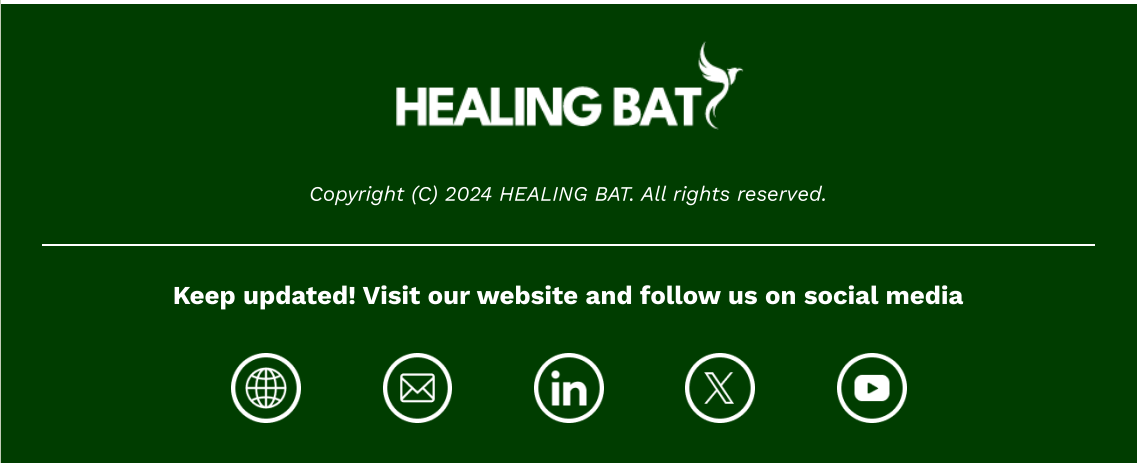
The progress in the first 6 months was discussed at the headquarters of Idneo and IREC in Barcelona, Spain.

What’s next?

The HEALING BAT consortium will meet again on May 23rd and 24th for our next General Assembly. We will also be present at the 4th Battery 2030+ Annual Conference, taking place on May 28th and 29th 2024 in Grenoble, France. Stay tuned for more details!

Would you like to know more about our project? Discuss potential collaborations or synergies? Do not hesitate to contact the HEALING BAT’s team!

Contact us



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