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## We are very excited to present the first AM4BAT newsletter!

### Do you know what AM4BAT is about?

Development of anode-free all-solid-state batteries made by 3D Printing.

Next-generation lithium-ion batteries will need to offer higher energy and power densities at a lower cost. Current battery manufacturing is struggling to further improve these key metrics. The EU-funded AM4BAT project will leverage additive manufacturing technologies for fabricating 3D lithium-ion batteries.

Using vat photopolymerisation 3D printing, the aim is to develop a high-performance battery with energy density of 400 Wh/kg for electric vehicles. AM4BAT outcomes will contribute to the creation of a sustainable European battery manufacturing value chain, helping the EU to succeed in the electric mobility rollout.

The overall objective of AM4BAT is to develop an anode-free solid-state battery (SSB), fabricated by Vat Photopolymerization 3D printing by LCD reaching energy density of 400 Wh/kg and 1000 Wh/L for Electric vehicles (EV) applications.

The assembly and validation of a 3-Ah cell is aimed with a charge capability of 70% of its total capacity in 5 minutes and cyclability of 3.000 cycles reaching 80% of the initial beginning of load.

[Read project context](#)

**Check out the latest news on the project**

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VIDEO | Interview about AM4BAT



Solid4B Cluster Inaugural webinar



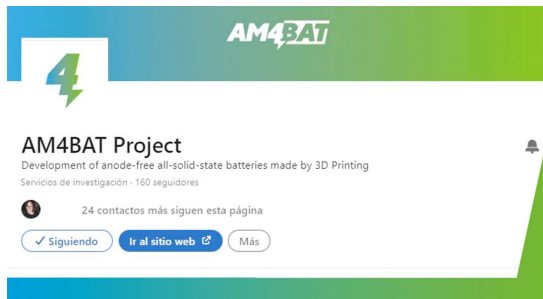
3rd General Assembly in TORRECID



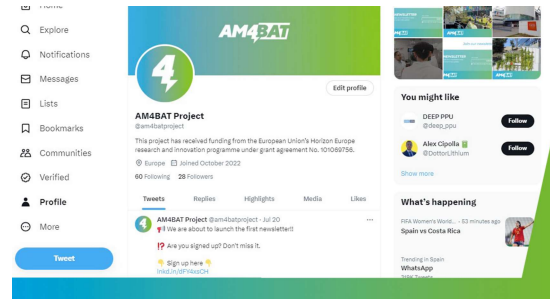
Meet the AM4BAT consortium

## Follow the project

Do you follow the project's social networks? Don't miss anything:



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## Have you seen our new roll up?

New! Go now to the new section of the website "Results" where you will find all the materials of the project. You will be able to download the roll up, templates and much more.

[See now](#)

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