



## ***KIT PRESENTATION AM4BAT***

### **Contact**

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## ***PROJECT OBJECTIVES – ENGLISH***

**The project in a sentence:** **Development of solid-state batteries 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 **for Electric vehicles (EV) applications**.

## **PROJECT OBJECTIVES –SPANISH**

**El proyecto en una frase:** *Desarrollo de baterías de estado sólido mediante impresión 3D*

Es un proyecto que investiga sobre la **próxima generación de baterías de iones de litio** tendrá que ofrecer **mayores densidades de energía y potencia a menor coste**. La fabricación actual de baterías tiene dificultades para mejorar estos parámetros clave. El proyecto AM4BAT, financiado por la UE, aprovechará las tecnologías de fabricación aditiva (**impresión 3D**) para fabricar baterías de iones de litio en 3D. Mediante impresión 3D por fotopolimerización en cuba, el objetivo es desarrollar **una batería de alto rendimiento con una densidad energética de 400 Wh/kg para vehículos eléctricos**. Los resultados de AM4BAT contribuirán a la creación de una cadena de valor europea sostenible para la fabricación de baterías, ayudando a la UE a tener éxito en el despliegue de la movilidad eléctrica. El objetivo general de AM4BAT es **desarrollar una batería de estado sólido (SSB) sin ánodo**, fabricada mediante impresión 3D de fotopolimerización en cuba por LCD **para aplicaciones en vehículos eléctricos (EV)**.

- Leitat coordinates and leads the project with 7 European partners (countries involved: Spain, France, Austria, Belgium, Germany, Czech Republic and England).

Leitat el coordina y lidera el proyecto con 7 partners europeos. (países involucrados: España, Francia, Austria, Bélgica, Alemania, República Txeca e Inglaterra)



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

[Learn more](#)

AM4BAT Website

<https://am4batproject.eu>

### About the Project

*Development of 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

**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)**

## *Task 9.1 Dissemination and Communication*

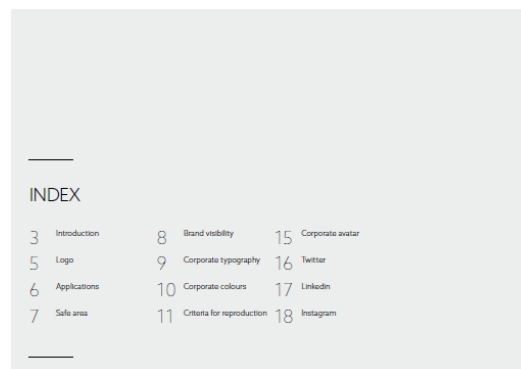
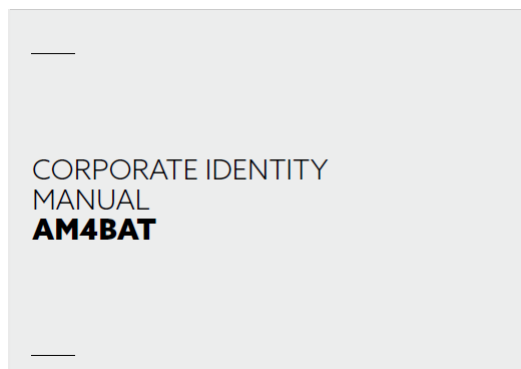
### **Logo**

The brand: The project's logo has been created according to its most relevant features. First, the blue to green gradient, meaning energy and sustainability. The lighting inside the number 4, representing the power and then, the capsule between the letters BAT, referring to the solid-state batteries.



# Task 9.1 Dissemination and Communication

## Corporate identity manual



### APPLICATIONS

These are the only variants of the brand that can be used in the different communication and promotion AM4BAT's elements.  
 A more simplified variant (responsive version) of restricted use is provided for exceptional cases in which the brand must be applied in very small areas, such as in the profile picture (avatar) on social networks.  
 The variants shall be used in the same way as in the original mark.



### TYPOGRAPHY

**Corporate typography**  
 For the construction of the AM4BAT brand we have used the typography TT Norms, which is a geometric font. Typography is a particularly important part of our identity and we therefore recommend to use in material communication.  
**Complementary font**  
 For the web we must use the complementary font Montserrat (Google Fonts).  
**Substitute fonts**  
 Arial font is reserved only for electronic media for internal use where the application must be shared by a third party that does not have the corporate fonts installed on their computers. (For instance, PowerPoint presentations, emails, internal notes, etc.)

Corporate typography <b>TT NORMS</b>	TT Norms/Light TT Norms/Reguler TT Norms/Bold	TT Norms/Thin TT Norms/Black TT Norms/Heavy
Complementary font <b>MONTERRAT</b>	Montserrat Light Montserrat Regular Montserrat Bold	
Substitute font <b>Arial</b>	Arial Regular Arial Bold	

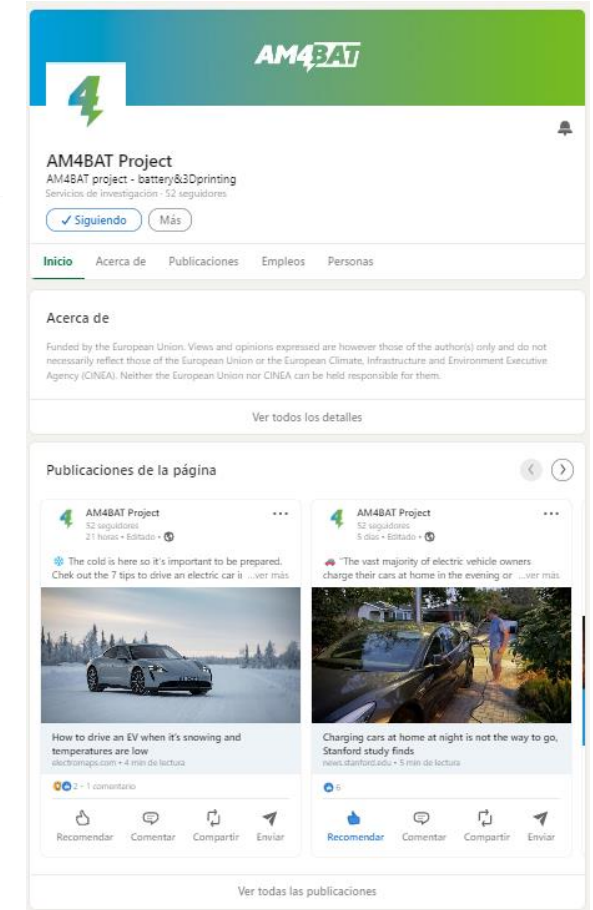
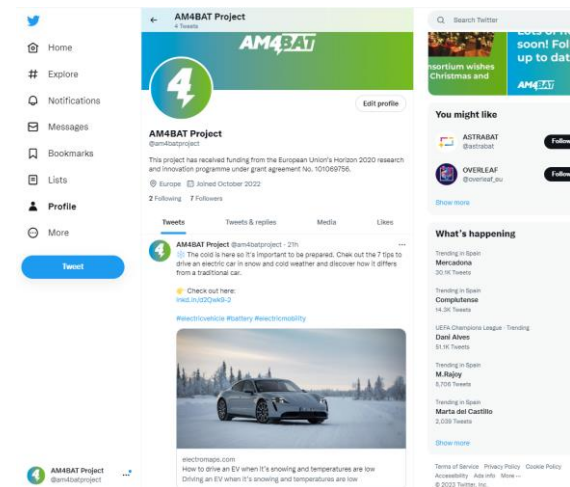
## Task 9.1 Dissemination and Communication

LinkedIn:

<https://www.linkedin.com/company/am4bat/>

Twitter:

<https://twitter.com/am4batproject>





***AM4BAT***

***THANK YOU***