

# INTRODUCING THE greenSPEED PROJECT



greenSPEED is an EU-funded research project set to transform the battery production in Europe. With a focus on reducing energy consumption, lowering the carbon footprint, achieving ZERO emissions of Volatile Organic Compounds (VOCs), and ultimately reducing costs, greenSPEED is leading the way towards a more sustainable future for battery cells.

## greenSPEED Key Facts

**Project Duration:** 1. July 2022 - 31. December 2025 (42 Months)

**Consortium:** 11 Partners, 5 Countries

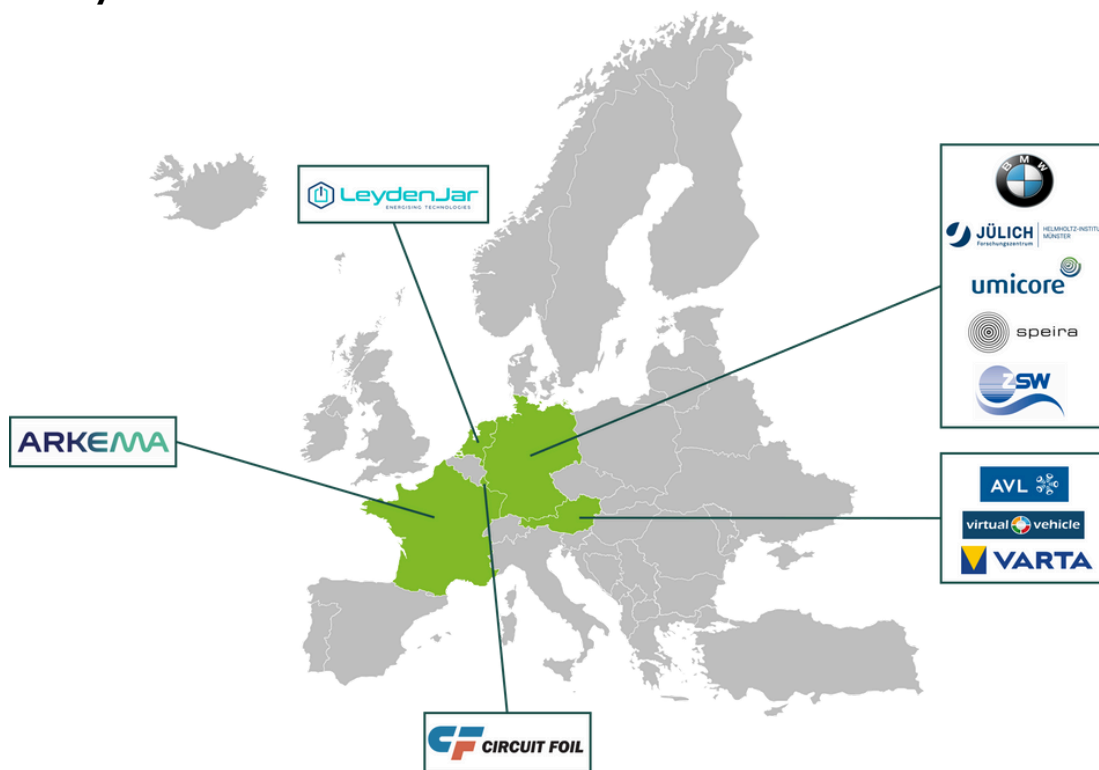
**Project Budget:** 5,3 Mio. EUR

**Funded under Horizon Europe:** HORIZON-CL5-2021-D2-01-04

**Coordinated by:** Virtual Vehicle Research GmbH



TO VISIT THE WEBSITE



## The Challenges

LITHIUM-ION CELL TECHNOLOGY NOT SUPPLIED BY EUROPEAN INDUSTRY >

HIGH ENERGY CONSUMPTION OF SINGLE PRODUCTION STEPS >

LOW ENERGY DENSITY >



< HIGHER DEMAND FOR BATTERY ELECTRIC VEHICLES (BEVs)

< USE OF ENVIRONMENTALLY HARMFUL SUBSTANCES

< HIGH COSTS OF LITHIUM-ION CELLS

## The BATTERY HEROES

The BATTERY HEROES are engaged in joint cohesion activities to exchange knowledge and share information about the challenges they face. Moreover, the joint dissemination and communication activities aim to increase the outreach of individual project activities and the cluster activities in general.

### The current members:



Carbon Neutral European Battery Cell Production with Sustainable, Innovative Processes and 3D Electrode Design to Manufacture

[www.batwoman.eu](http://www.batwoman.eu)



Towards the Sustainable Giga-Factory: Developing Green Cell Manufacturing Processes

[www.gigagreenproject.eu](http://www.gigagreenproject.eu)



Eliminating VOC from Battery Manufacturing Through Dry or Wet Processing

[www.novoc.eu](http://www.novoc.eu)



Green and Sustainable Processes for Electrode Production

[www.greenspeed-project.eu](http://www.greenspeed-project.eu)

[www.batteryheroes.eu](http://www.batteryheroes.eu)

## Get in touch with greenSPEED!

 [contact.greenspeed@v2c2.at](mailto:contact.greenspeed@v2c2.at)

 [www.greenspeed-project.eu](http://www.greenspeed-project.eu)



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