



INDUSTRIAL WORKSHOP

**Versatile printed battery solutions for
next-generation electrified mobility**

Tuesday, 14th April 2026 08:30 - 16:30 (CET)

CEA - 3 Parv. Louis Néel, 38054

GRENOBLE, FRANCE



SCAN TO DISCOVER VERSAPRINT

Organised by



PROGRAMME



08:30 Registration of participants

09:00 Opening - Innovating battery system design for electrified mobility – Vision, strategy and market needs

09:45 **Session 1 - VERSAPRINT technology showcase – Technological building blocks at cell, cell unit and module level**

The first session will present the main technological building blocks developed within the project, addressing the entire value chain from cell to module level. It will introduce the VERSAPRINT cell concept, highlighting progress in materials, design and additive manufacturing processes, followed by the cell-unit architecture with a focus on functional integration, performance and industrial feasibility. The module-level presentation will then illustrate how modular, 3D-printed components enable flexible battery system architectures, enhanced system integration and scalable solutions. The block will conclude with an overview of the targeted applications, showing how the VERSAPRINT technologies translate into concrete and versatile use cases across electrified mobility sectors.

10:45 Coffee break

11:15 **Session 2 – European research synergies for advanced battery technologies**

The session will situate VERSAPRINT within the broader European battery research and innovation ecosystem. Following a keynote from the Project Officer, the module will present selected EU-funded initiatives, highlighting complementary approaches, shared challenges, and opportunities for collaboration. These project insights will feed into an EU-INGENIOUS Cluster panel discussion focused on bridging the gap from TRL 5 to industrial deployment, addressing scale-up, validation, and market uptake of advanced battery systems.

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13:00 Networking lunch - Expo of VERSAPRINT demonstrations

14:00 **Session 3 - Cross-sector and sustainable deployment of printed battery systems for electrified mobility**

The module will feature sector-specific perspectives from automotive and aeronautics, illustrating how printed, modular battery systems enable safer integration, design flexibility, and performance optimisation from cell to system level. It will also address the replicability of these solutions in other demanding use cases, including tailored battery designs for harsh environments. Sustainability considerations will be embedded throughout the session, with a dedicated focus on eco-design principles, life-cycle assessment, and circularity for next-generation batteries. The block will conclude with an industrial roundtable bringing together key stakeholders to discuss barriers and enablers for large-scale deployment, followed by an open Q&A to engage participants in forward-looking discussion.

16:00 **Closing remarks - Next steps**

19:00 **Dinner**

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Participation to the event is free
Registration is compulsory
Places are limited
Online streaming is available

VERSAPRINT PARTNERS



Funded by the
European Union