



TEMPEST Returns to the Road Transport Research Conference 2026 to Showcase Next-Generation Battery Innovations

- **TEMPEST**, an EU-funded project, is advancing the development of safe, recyclable, lightweight, and high-performance batteries for road transport applications.
- For the **second consecutive year**, TEMPEST will present its latest results at the **Road Transport Research Conference 2026**, together with its EU-INGENIOuS clustering partners focused on sustainable, safe-by-design battery solutions.

Bordeaux, France – February 3, 2026. – [TEMPEST](#), an EU-funded research and innovation project, is developing a new generation of batteries designed to meet Europe’s future needs for safer, lighter, recyclable, and high-performance energy storage in road transport and mobility applications. Building on its previous participation, **TEMPEST will return for a second year to the Road Transport Research Conference (RTR) 2026**, taking place **from 10 to 12 February 2026 in Brussels, Belgium**.

Now in its **9th edition**, the RTR Conference is a flagship European event and a unique entry point into the achievements of EU-funded and Horizon Europe projects in road transport. More than **500 participants** are expected to attend the 2026 edition, which will highlight project results, expected impacts, and future research directions in key areas such as **Green Vehicles, Urban Mobility, Logistics, Intelligent Transport Systems, Safety, Automated Road Transport, and Batteries**.

At RTR 2026, the **TEMPEST project coordinator, Jeremy Warren**, will represent the project, contributing to technical discussions and knowledge exchange on next-generation battery systems for road transport. TEMPEST’s participation reflects the project’s continued progress as it moves towards its final development phase and demonstrates the tangible outcomes of collaborative European research.

Once again, TEMPEST will participate as part of the **EU-INGENIOuS clustering group**, alongside **BATSS, EXTENDED, NEXTBAT, and VERSAPRINT**. Together, these projects will jointly contribute to a dedicated session focused on **high-performance, safe-by-design, and sustainable battery systems for road transport applications**, showcasing complementary advances in safety, electro-thermal performance, recyclability, digitalisation, and reduced environmental impact.

Through its participation at RTR 2026, TEMPEST will highlight how EU-funded research is supporting the green transition of road transport, delivering solutions that enhance safety, performance, and



sustainability while strengthening Europe's industrial competitiveness. The conference provides a strategic platform to demonstrate how European research and innovation deliver concrete benefits for the environment, the economy, and society.

The RTR Conference is co-organised by [2Zero](#), [European Road Transport Research Advisory Council \(ERTRAC\)](#), [CCAM](#), [Batt4EU](#), and the [European Commission](#).

For more information, visit the RTR Conference website: [RTR Conference Provisional Programme 2026](#), or copy paste this link in your browser <https://rtrconference.eu/>

EU-INGENIOuS clustering group: TEMPEST, **BATSS**, **EXTENDED**, **NEXTBAT**, and **VERSAPRINT**

TEMPEST: [TEMPEST](#) is the European Project to provide a new generation of batteries needed by Europe and its key sectors. Led by RESCOLL, TEMPEST is made up by ABEE, Fraunhofer, IAAPS, the Kemijski institut - National Institute of Chemistry, Tekniker, the Universities of Kaunas, Patras, and Bath, Sustainable Innovations. This project has received €3,614,902.50, is co-funded by the European Union under grant agreement 101103681 and UKRI – UK Research and Innovation under the UK government's Horizon Europe, under grant agreement 10075481.

BATSS: Guided by an innovative Safe-by-Design approach, [BATSS](#) aims to develop a cell-to-pack modular battery system concept that ensures exceptional safety and electro-thermal performance for off-road e-vehicles and semi-stationary applications. Through specific thermal, electrical, and mechanical innovations, we will meet industry standards supported by cutting-edge modelling, simulation, and predictive maintenance tools. Beyond performance, we are focused on sustainable end-of-life solutions, including modular assembly, automated disassembly, and second-life exploration. This project has received € 4 990 149,75 of funding from the European Union's Horizon Europe research and innovation programme under Grant Agreement No. 101103821.

EXTENDED: [EXTENDED](#), a Horizon Europe project, is a collaborative effort bringing together 19 partners from 10 EU countries! Our mission is to design, develop, and validate the next-generation battery pack systems that will drive the mass-market adoption of electric vehicles and applications. EXTENDED project has received funding from the European Union's Horizon Europe research and innovation programme under Grant Agreement No 101102278.

NEXTBAT: [NEXTBAT](#) is a European project aiming to develop safe-by-design battery systems that reduce the carbon footprint of innovative battery technology and speed up transport electrification. By emphasizing recyclability throughout the production chain, the project aims to lower production costs. It focuses on creating the safest, most sustainable battery system by addressing electrical, thermal, and mechanical safety aspects, and by introducing digitalized production processes and advanced battery management techniques. The project also introduces innovative materials and processes to enhance performance, safety, and recyclability, while striving to establish new industry standards within the European battery sector. Two complementary prototypes will be manufactured as part of the project.

VERSAPRINT: [VERSAPRINT](#) is a European project aiming at bringing innovations to the battery system to tackle safety issues, enhance performances as well as decrease the cost and environmental impact. Versatile technical solutions (Building Blocks - BB) will be achieved by additive manufacturing processes and will operate from the heart of the battery system. A simulation platform and decision tool will also be implemented in order to connect the BBs to a varied range of applications such as automobile, aeronautic, waterway transport and others. The project VERSAPRINT is composed of 10 partners: CEA, LEITAT, FEV GmbH, CRF, SONACA, EFESTO, ABEE, LOMARTOV, RWTH, Plastic Omnium. This project has received 4.9 M of funding from the European Union's Horizon Europe research and innovation programme under Grant Agreement No. 101103696.

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<https://cordis.europa.eu/project/id/101103681>