

MaDe4Rail 2 Successfully Launches: *Advancing Maglev-Derived Systems Toward Integration with Europe's Railway Network*

ROME, 6 MARCH 2026

After the successful completion of the first MaDe4Rail initiative, the successor project MaDe4Rail 2 officially kicked off on 18 February 2026, marking the beginning of its ambitious journey toward advancing next-generation railway technologies.

Co-ordinated by Rete Ferroviaria Italiana (RFI) and supported by the Europe's Rail Joint Undertaking (EU-Rail JU), the project will drive the further development of Maglev-Derived Systems (MDS) and refinement of its configurations with the aim of achieving seamless compatibility with Europe's conventional rail infrastructure.

With a total budget of approximately €4.6 million, of which nearly €3 million is funded by EU-Rail JU, the initiative will run for 36 months from its official start on 1 December 2025.

MaDe4Rail 2 will build on the outcomes of its predecessor to accelerate innovation in critical areas such as propulsion, levitation, guidance and electromagnetic compatibility, combining high-fidelity simulations and field testing up to TRL 6. The project will also deliver a concept for a full-scale, fully autonomous MDS demonstrator and a comprehensive technical and socio-economic feasibility assessment for deployment on the TEN-T network, contributing to a European roadmap for future implementation.

The consortium brings together a broad range of European partners representing infrastructure managers, research organisations, universities and industrial stakeholders:

Rete Ferroviaria Italiana, Italferr S.p.A., Ferrovie dello Stato Italiane S.p.A., Development & Innovation in Transport Systems - DITS srl, German Aerospace Center (DLR), Eurnex E.V., GESTE Engineering, Geste Engineering France SAS, HÖRMANN Vehicle Engineering GmbH, Ironlev, MER MEC S.P.A., Nevomo Poland Sp.z o.o., NEXTRAIL GmbH, Associação Da Plataforma Ferroviária Portuguesa, Université Gustave Eiffel, Università di Pisa, Universidad Politécnica de Madrid, ProRail BV, Delft University of Technology.

For further information:

Project website:

<https://www.made4rail2.eu/>

Communication coordinator:

Celestino Sánchez, EURNEX e.V.

cesama@eurnex.eu



Co-funded by
the European Union

Funded by the European Union. Views and opinion expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the Europe's Rail Joint Undertaking. Neither the European Union nor the granting authority can be held responsible for them. The project MaDe4Rail2 is supported by the Europe's Rail Joint Undertaking and its members.