

PRESS INVITATION

INNOTRANS 2026: SYSTRA AT THE HEART OF THE TECHNOLOGIES TRANSFORMING THE TRANSPORT SECTOR

FROM 22 TO 25 SEPTEMBER 2026 IN BERLIN

HALL 5.2 STAND 265

Paris, 25 of August 2026 – On the occasion of InnoTrans 2026, the world's leading transport technology event, SYSTRA, a global leader in engineering and consulting specialised in public transport and mobility solutions, will host several conferences and present a series of demonstrations dedicated to four topics that are already shaping the sector's evolution: artificial intelligence applied to engineering, adaptation of infrastructure to climate change, digitalisation of railway testing and migration to the Future Railway Mobile Communication System (FRMCS).

Artificial intelligence at the service of engineering

Artificial intelligence is a useful lever for infrastructure projects and transport systems, in a context where engineers must handle more variants, technical data and traceability requirements, often within tight deadlines. Its value lies less in the technology itself than in its ability to support engineers' work, automate certain repetitive tasks and improve the quality of decision-making.

At InnoTrans, SYSTRA will present several use cases illustrating this approach:

- In infrastructure studies, these tools make it possible to explore and compare different scenarios more quickly using field data and feedback from existing projects.
- SYSTRA will also show how AI can be used during the operational phase, whether for safety data analysis, maintenance optimisation, requirements verification or the use of large volumes of technical documentation.

The objective is clear: accelerate studies, reduce risks and improve decision-making throughout a project's lifecycle.

Strengthening the climate resilience of infrastructure

Climate resilience has become a central issue for transport infrastructure. Heatwaves, floods, heavy rainfall and storms are already affecting networks and their operating conditions. For assets designed

to last several decades, it is no longer sufficient to reason based on past climate conditions: design, renewal and asset management decisions must now incorporate future exposure conditions.

In this context, the issue is not only to identify risks, but also to prioritise adaptation investments where they are most useful for service continuity, safety and long-term cost control.

At InnoTrans, SYSTRA will present two of its complementary digital solutions: **ClimatePlus**, which makes it possible to project the evolution of the climate hazards to which an asset will be exposed, and **ClimateViz**, which makes it possible to visualise infrastructure vulnerabilities in order to guide investment decisions and adaptation strategies.

Digitalising railway testing to secure commissioning

In railway projects, the testing and commissioning phase is particularly sensitive. It brings together system interfaces, technical validations, safety requirements and the decisions that determine the transition to operations. When information remains scattered, traceability weakens, coordination becomes more complicated and securing decisions becomes more difficult.

To address this issue, SYSTRA will present its new **NeXway** solution, a digital solution currently being tested as part of a high-speed rail project in Egypt. Designed for the testing and commissioning phase, it centralises field information, structures test monitoring, supports system engineering decisions and captures the knowledge produced throughout the project.

Preparing for migration to FRMCS, the future backbone of railway communications

Finally, visitors will be able to speak with SYSTRA's experts about one of the major challenges facing the railway sector in the coming years: migration to the Future Railway Mobile Communication System (FRMCS).

Intended to gradually replace GSM-R by 2035, this new communication standard is a key step for the future of railway networks. Far more than a technological evolution, this transition concerns the critical communications that support operations, safety, maintenance and infrastructure management.

However, deployment of FRMCS raises complex issues relating to migration, interoperability, radio frequency management, cybersecurity and continuity of operations. SYSTRA will present its roadmap for supporting this transition while ensuring continuity of operations.

CONFERENCE AND DEMONSTRATION PROGRAMME

HALL 5.2 STAND 26

Tuesday 22 September 2026

- From 10:00am: **AI use cases**, by Amine TRIKI, Head of AI & Digital
- From 2:30pm to 3:00pm: **Climate change and resilience**, by Séverine MARÉCHAL, International Consulting Director
- From 4:30pm to 5:00pm: **Migration to FRMCS**, by Lovan PUSHPARATNAM, Systems Director

Wednesday 23 September 2026

- From 10:00am: **AI use cases**, by Amine TRIKI, Head of AI & Digital
- 2.30pm to 3.00pm: **Transport planning and data optimisation**, by Séverine MARECHAL, International Consulting Director
- From 4:30pm to 5:00pm: Digitalisation of **testing and commissioning with NeXway**, by Cédric CHANTECLAIR, Project Manager

Thursday 24 September 2026

- From 10:00am: **AI use cases**, by Amine TRIKI, Head of AI & Digital
- From 2:30pm to 3:00pm: **Migration to FRMCS**, by Lovan PUSHPARATNAM, Systems Director
- From 4:30pm to 5:00pm: Digitalisation of **testing and commissioning with NeXway**, by Cédric CHANTECLAIR, Project Manager

About SYSTRA

SYSTRA is one of the world's leading engineering and consultancy groups specialising in public transport and mobility solutions. For more than 65 years, the Group has been committed to supporting cities and regions to contribute to their development by creating, improving and modernising their transport infrastructure. By making travel smoother, SYSTRA brings communities together, promotes social integration, and facilitates access to employment, education and leisure.

SYSTRA supports its partners and clients throughout the lifecycle of their projects, from the earliest stage of the design phase, right through to the deployment and maintenance testing. With its 12,000 employees, SYSTRA delivers its services in more than 80 countries worldwide and generates 80% of its revenue internationally.

[systra.com](https://www.systra.com)

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