

Deutsche Bahn's AI Roadmap for Train Maintenance — Real Pilot Gains, Not Yet a Verified Fleet-Wide Rollout

AI in the Public Sector · Good practice · Germany

Quality score: 47/100

Evidence strength: Descriptive / self-reported

Summary

State-owned Deutsche Bahn has run AI maintenance pilots since 2015 — faster camera inspections, a Siemens-monitored high-speed-train trial, wheelset forecasting — but its 2025 roadmap still frames most as pilot-stage, not a verified fleet-wide rollout.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	1/3
Transparency, fairness & accountability	2/3
Transferability / demonstrated replication	2/3
Scalability beyond pilot	1/3
Governance, capability & sustainability	1/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-15

[Deutsche Bahn AG \(with DB Systel and Siemens Mobility\)](#) — accessed 2026-08-15

[DB Systel: An AI roadmap for greater reliability and profitability in long-distance transport](#) — accessed 2026-08-15

[Deutsche Bahn: Artificial intelligence at DB](#) — accessed 2026-08-15

[Siemens: Deutsche Bahn and Siemens launch pilot project for predictive maintenance](#) — accessed 2026-08-15

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