

Pronto — Port of Rotterdam Authority's AI-Assisted Port Call Optimisation Platform

AI in the Public Sector · Good practice · Netherlands

Quality score: 73/100

Evidence strength: Observational / pre–post

Summary

Since 2018, the Port of Rotterdam Authority's Pronto platform has used AI-driven arrival predictions to coordinate port calls, cutting vessel waiting times by up to 20% and reaching adoption by nearly half of the port's shipping companies and terminals.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-09-12

[Port of Rotterdam Authority](#) — accessed 2026-09-12

[Seatrade Maritime](#) — accessed 2026-09-12

[Port of Rotterdam Digital Report 2025](#) — accessed 2026-09-12

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