

IMY's Regulatory Sandbox — Testing Crowd-Safety LiDAR Sensors Against Sweden's Privacy Law

AI in the Public Sector · Good practice · Sweden

Quality score: 60/100

Evidence strength: Descriptive / self-reported

Summary

Sweden's data-protection authority ran a 2023 sandbox pilot with Stockholm's Traffic Office, testing whether LiDAR sensors counting women, men and children in public squares are lawful under the GDPR and Camera Surveillance Act, publishing its legal findings in February 2024.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-17

[Integritetsskyddsmyndigheten \(IMY\) with City of Stockholm Traffic Office, IoT Sverige and Kista Science City AB](#) — accessed 2026-08-17

[IMY final report summary](#) — accessed 2026-08-17

[IoT Sverige partner project page](#) — accessed 2026-08-17

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