

Turkey VDK KURGAN — AI real-time anomaly detection in e-invoices for tax fraud

AI in the Public Sector · Good practice · Türkiye

Quality score: 47/100

Evidence strength: Moderate

Summary

Turkey's VDK launched KURGAN on 1 October 2025 — an ML system scanning e-invoices, ledgers, and banking records across 13 anomaly criteria. In 2025, VDK's AI-driven compliance programme detected 748 billion TL in undeclared income and assessed 294 billion TL in tax penalties.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-06-25

[Turkish Tax Audit Board \(Vergi Denetim Kurulu\)](#) — accessed 2026-06-25

[KURGAN System and Turkey's AI-Supported Public Auditing \(Duygu Ener\)](#) — accessed 2026-06-25

[Turkey Embraces AI to Tackle VAT and Tax Fraud \(Fiscal Solutions\)](#) — accessed 2026-06-25

[Sahte Belgeyle Mücadele Stratejisi — Official Turkish Government Document](#) — accessed 2026-06-25

Cite this — Evidoria. *Turkey VDK KURGAN — AI real-time anomaly detection in e-invoices for tax fraud*. Persistent ID: 306252cf-0361-48d5-a5bc-e485fc9f3a2b.