

Chile's Environmental Intelligence Strategy — Satellite and AI-Based Monitoring for Environmental Compliance

AI in the Public Sector · Good practice · Chile

Quality score: 60/100

Evidence strength: Moderate

Summary

Chile's environmental regulator SMA connected close to 1,000 industrial and infrastructure sites to real-time sensors and satellite monitoring (Sentinel-1/2, Landsat) to catch pollution violations early, though independent enforcement-outcome data remains scarce.

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	2/3
Governance, capability & sustainability	2/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-28

[Superintendencia del Medio Ambiente \(SMA\)](#) — accessed 2026-08-28

[SMA: La nueva apuesta - Ciencia de Datos e Inteligencia Artificial](#) — accessed 2026-08-28

[Pontificia Universidad Catolica de Chile: IA y Medio Ambiente en Chile](#) — accessed 2026-08-28

Cite this — Evidoria. *Chile's Environmental Intelligence Strategy — Satellite and AI-Based Monitoring for Environmental Compliance*. Persistent ID: fcaa7be3-b957-47e3-bd24-7d48352d39b6.