

Southeast Asia's First Live AI Weather Forecasting System — DOST-PAGASA & ASTI (Philippines)

AI in the Public Sector · Good practice · Philippines

Quality score: 60/100

Evidence strength: Descriptive / self-reported

Summary

In October 2024, the Philippines' PAGASA and ASTI deployed Southeast Asia's first live AI weather system with US firm Atmo: forecast runtime fell from 3 hours to 15 minutes, lead time grew from 2 to 14 days, resolution sharpened from 3km to 2km.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	2/3
Transparency, fairness & accountability	1/3
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 2026-07-19

[DOST-PAGASA \(Philippine Atmospheric, Geophysical and Astronomical Services Administration\) and DOST-ASTI, with Atmo Inc.](#) — accessed 2026-07-19

[ASTI/DOST — official partnership announcement](#) — accessed 2026-07-19

[Business Wire](#) — press release with resolution/lead-time/runtime figures — accessed 2026-07-19

[GovInsider Asia](#) — independent coverage of AI disaster-risk forecasting — accessed 2026-07-19

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