

Bhutan's National Digital Identity — Self-Sovereign ID Reaching 70% of Citizens

AI in the Public Sector · Good practice · Bhutan

Quality score: 60/100

Evidence strength: Moderate

Summary

Bhutan's blockchain-based National Digital Identity, launched in 2023, had enrolled over 70% of the population by 2025, though the government describes its AI use as still narrow, with no independent security audit found.

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 2026-09-06

[Department of Civil Registration and Census / Bhutan NDI Programme](#) — accessed 2026-09-06

[BiometricUpdate: 2025 upgrade](#) — accessed 2026-09-06

[BiometricUpdate: national launch](#) — accessed 2026-09-06

[Trust Over IP case study \(PDF\)](#) — accessed 2026-09-06

[The Bhutanese: NDI overview](#) — accessed 2026-09-06

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