

# TPMAP — Thailand's AI poverty-mapping and social welfare targeting platform

AI in the Public Sector · Good practice · Thailand

Quality score: 47/100

Evidence strength: Moderate

## Summary

NECTEC/NESDC's TPMAP integrates 36M records across 77 provinces to map multidimensional poverty and direct social welfare to sub-district level. UNICEF-partnered dashboard enhancement (2022–23) deepened local reach. Integral to Thailand's social protection targeting since 2018.

## Key dimensions

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

Evaluated by C-NAPSE

## Data sources

C-NAPSE web research — accessed 2026-06-25

National Electronics and Computer Technology Center (NECTEC/NSTDA) / National Economic and Social Development Council (NESDC) — accessed 2026-06-25

Academic paper: TPMAP platform design (ResearchGate 2020) — accessed 2026-06-25

UNICEF/UNGM: TPMAP dashboard enhancement procurement — accessed 2026-06-25

TPMAP official platform — accessed 2026-06-25

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