

ITRI — Taiwan's Industrial Technology Research Institute

City Innovation Library · Good practice · Taiwan

Quality score: 76/100

Evidence strength: Observational / pre–post

Summary

A state-backed applied-research institute that seeded Taiwan's semiconductor industry by spinning off UMC (1980) and TSMC (1987), transferring technology, fabs and staff directly into new firms now worth tens of billions of dollars.

Key dimensions

Dimension	Score
Evidence of impact / measured results	3/3
Transferability / demonstrated replication	2/3
Scalability	2/3
Sustainability / continuity	3/3
Innovation	3/3
Inclusiveness / equity	0/3
Multi-stakeholder collaboration	3/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-07-24

[Industrial Technology Research Institute \(ITRI\)](#) — accessed 2026-07-24

[ITRI 50th Anniversary — Semiconductor History](#) — accessed 2026-07-24

[Asterisk Magazine — The Institute Behind Taiwan's Chip Dominance](#) — accessed 2026-07-24

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