

Taiwan's Mask Map — Open-API Civic Collaboration During the 2020 Mask Shortage

City Innovation Library · Good practice · Taiwan

Quality score: 71/100

Evidence strength: Strong

Summary

When Taiwan rationed face masks in Feb 2020, the government opened a real-time pharmacy-inventory API that civic hackers and developers turned into 110+ verified mask-finder apps within weeks, easing panic-buying nationwide.

Key dimensions

Dimension	Score
Evidence of impact / measured results	2/3
Transferability / demonstrated replication	1/3
Scalability	3/3
Sustainability / continuity	1/3
Innovation	3/3
Inclusiveness / equity	2/3
Multi-stakeholder collaboration	3/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-09-26

[g0v civic-tech community & Taiwan Ministry of Digital Affairs \(Executive Yuan\)](#) — accessed 2026-09-26

[Doublethink Lab interview on the government-civic tech collaboration](#) — accessed 2026-09-26

[Peer-reviewed survey of mask-finder apps \(PMC\)](#) — accessed 2026-09-26

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