

CLAIRO — Urban Forest Living Lab for Cleaner Air

City Innovation Library · Good practice · Czechia

Quality score: 76/100

Evidence strength: Strong

Summary

EU-funded living lab planted 442 trees, 1,867 shrubs and 14,700 m² of lawns in Ostrava's most-polluted districts, deployed a low-cost air-quality sensor network, and published a peer-reviewed green-infrastructure methodology for PM₁₀ capture already adopted by two Czech cities.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-06-21

[City of Ostrava / Technical University of Ostrava \(VSB-TU\)](#) — accessed 2026-06-21

[CLAIRO official city project website](#) — accessed 2026-06-21

[UIA / EU Urban Innovative Actions project page](#) — accessed 2026-06-21

[MDPI Environments — low-cost sensor validation study](#) — accessed 2026-06-21

[Fajnova Ostrava city regeneration portal](#) — accessed 2026-06-21

Cite this — Evidoria. *CLAIRO — Urban Forest Living Lab for Cleaner Air*. Persistent ID: 11af60cb-7f4f-4f5c-b1ba-3db1877513b1.