

EcoSentinel Policy Air Quality Report

Generated 19/05/2026, 12:13:33
Location: 52.3676, 4.9041
Analysis window: 24 hours

Current conditions

Current AQI: 93 (Moderate)
Location match: requested_location
Latest source: open-meteo
Freshness: live_provider
Recorded at: 19/05/2026, 12:00:00
Pollutants: PM2.5 10.1, PM10 12, NO2 10.4, O3 68

Observed history summary

Average AQI: 35
Range: 0 to 101
Trend: Worsening
Samples analysed: 365

Forecast outlook

Peak forecast AQI: 264 at hour 24
Average forecast AQI: 165
Forecast strategy: fallback
History resolution: local
Model version: lstm-v1.0.0

Policy actions

1. Trigger targeted public-health messaging for schools, cyclists, and sensitive residents.
2. Consider temporary traffic-calming or congestion controls near the highest exposure corridors.
3. Escalate operational review because recent measurements show a worsening AQI trend.
4. Prepare mitigation messaging ahead of the forecasted pollution spike later today.

Prepared by EcoSentinel for policy and NGO stakeholders. Use alongside local public-health and transport guidance.