

Open-Source Air Quality Monitoring Toolkit



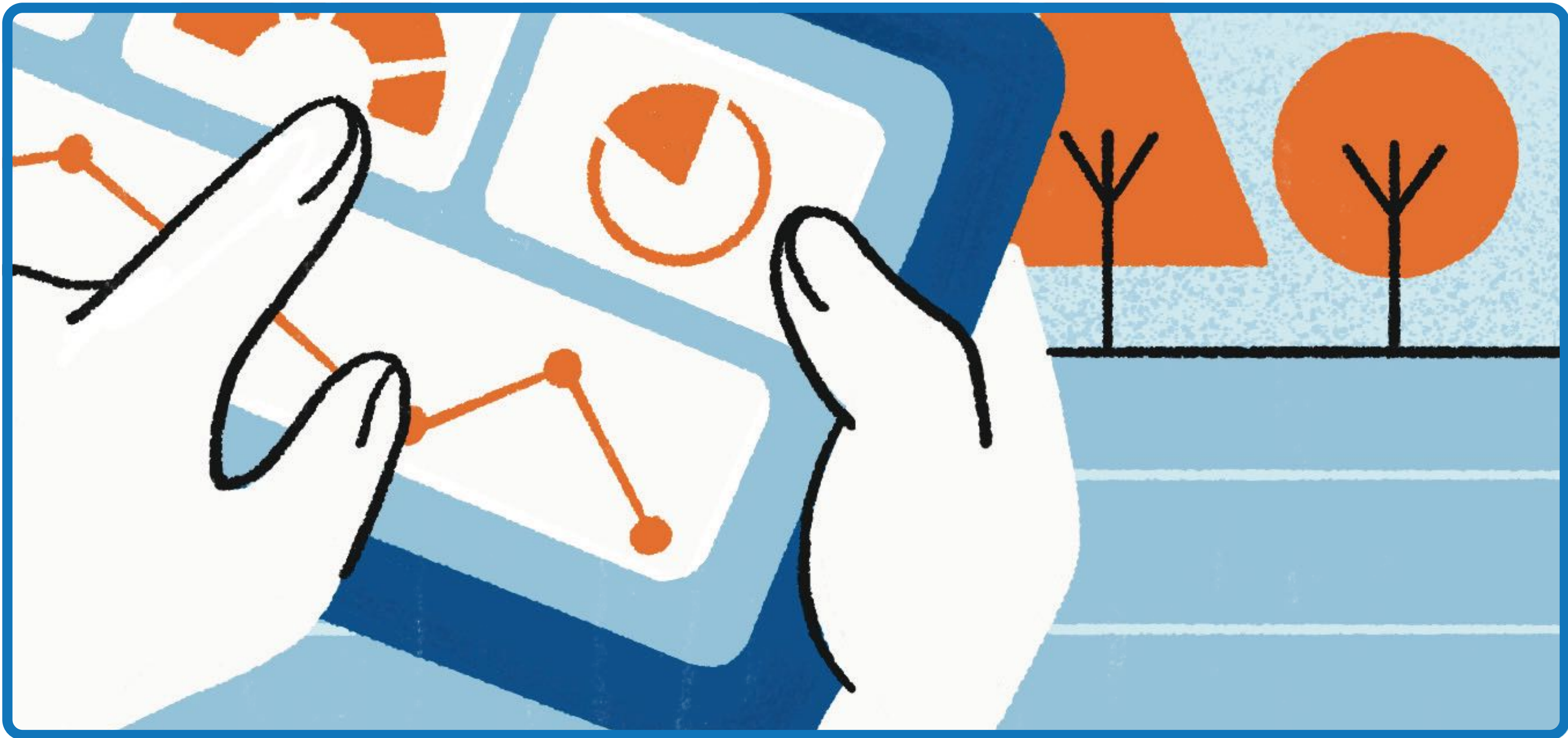
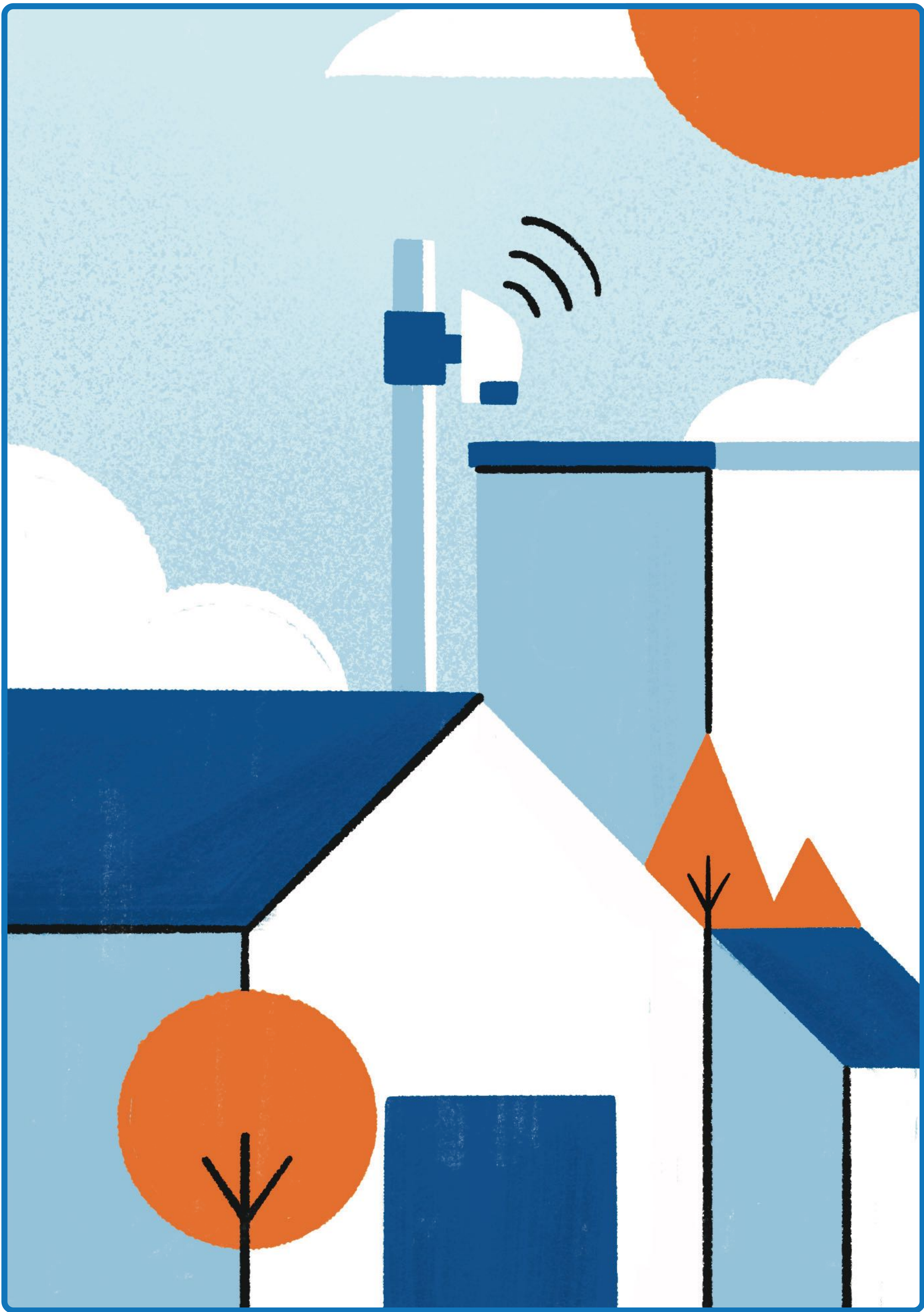
The toolkit enables organisations with limited resources and technical knowledge to independently set up their own low-cost air quality monitoring networks without specific air quality expertise offering clear, step-by-step guides and videos.



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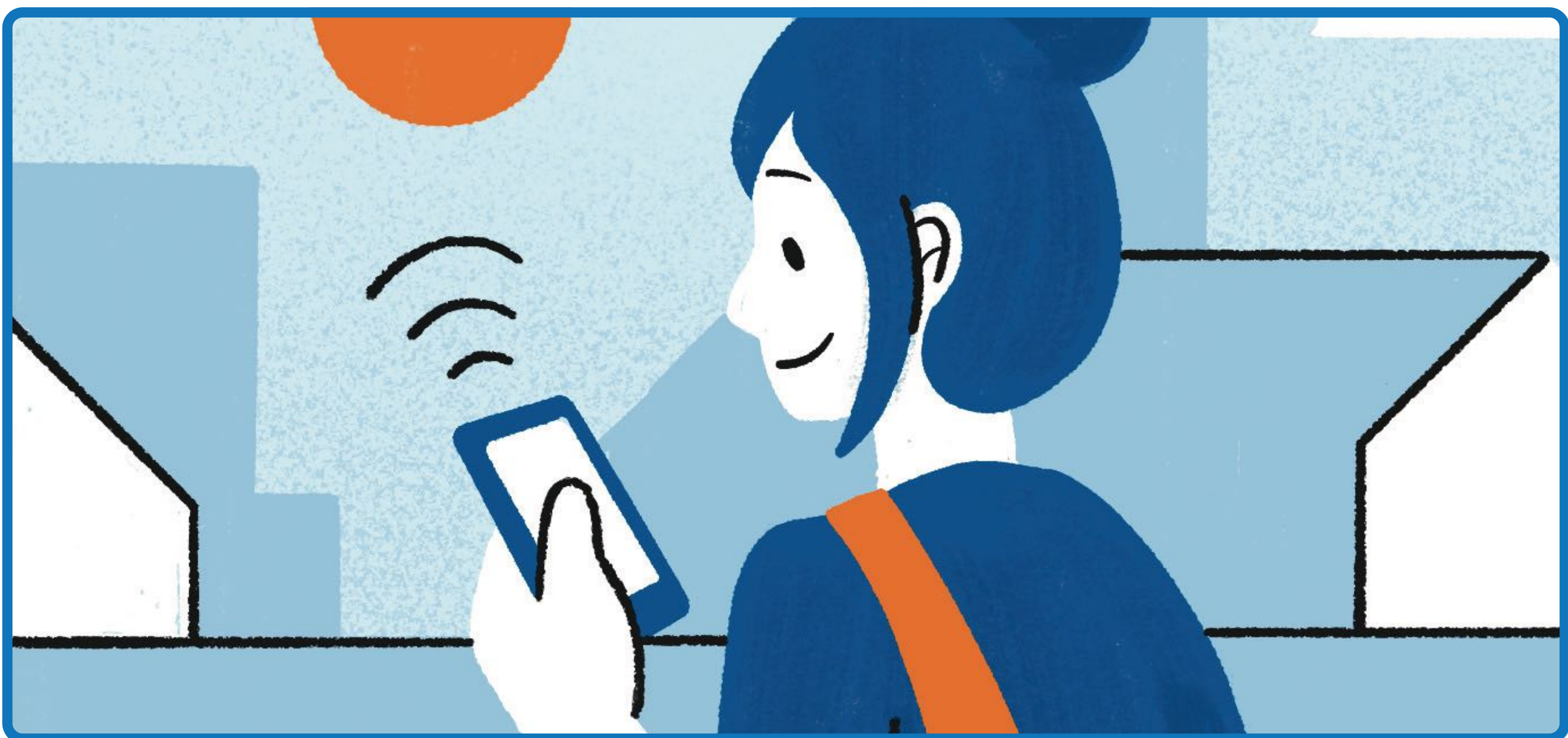
Affordable Monitors

Deploy accurate, reliable, and cost-effective monitors.



Real-Time Data

Monitor and share air quality data with your community through our dashboard.



No Experts Needed

Set up the air quality network without the need for air quality expertise!

Planning

- 1 About the Toolkit
- 2 Air Quality Problem Definition
- 3 Community Engagement Planning
- 4 Site and Monitor Selection
- 5 Which Pollutants to Measure

Set Up

- 1 Deployment Preparation
 - 1.1 Introduction to the Dashboard
 - 2.1 Connecting your Monitor to the Internet (WiFi model O-1PST)
 - 2.2 Connecting your Monitor to the Internet (Cellular models: O-1PST-CE, O-M-1PPSTON-CE)
 - 3 Connecting your Monitor to the Dashboard
- 4 Mounting
- 5 AirGradient Dashboard: First Steps
- 6 Data Sharing
- 7 Monitor Calibration

Operation

- 1 Ongoing Network Operation
- 2 Dashboard Operation
- 3 Maintaining Data Quality and Accuracy
 - 4.1 O-1PST (WiFi) Maintenance
 - 4.2 O-1PST-CE (Cellular) Maintenance
 - 4.3 O-M-1PPSTON (Open Air Max) Maintenance
- 5 Data Visualisation Analysis and Interpretation
- 6 Data Download and Export
- 7 Community Engagement
- 8 Measuring Your Impact
- 9 AirGradient API