

# Air Quality Monitoring

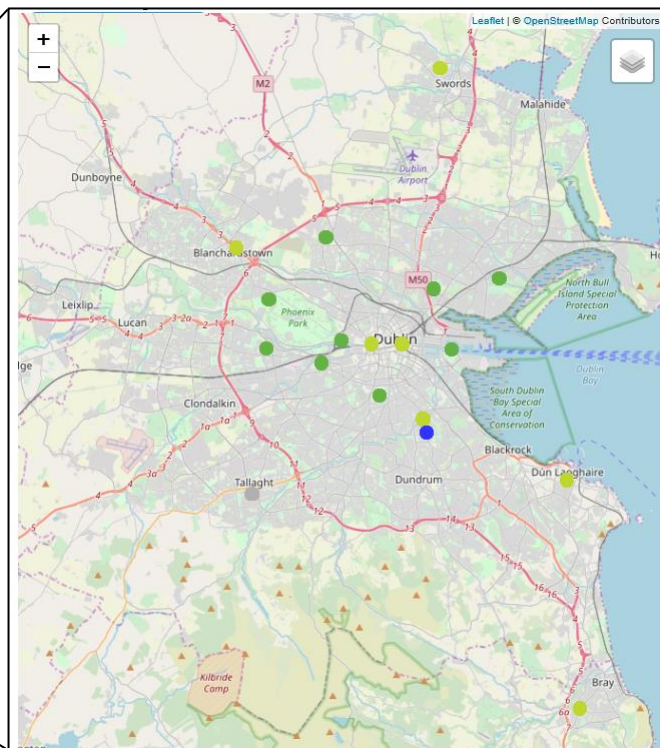
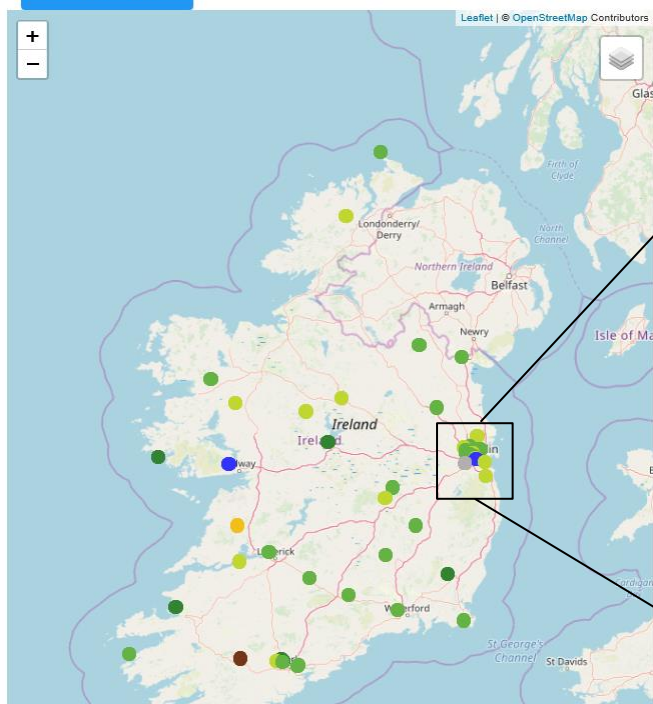
Patrick Kenny  
EPA Ireland - National Ambient Air Quality Unit  
22/1/2020

# CAFÉ Directive/Air Quality Index for Health Monitoring

The Map below is coloured based on current air quality index for health (AQIH) status (see legend on the left). We welcome feedback on this update\*.

Click on a monitoring stations to show more information and live data where available.

→ CHOOSE REGION/CITY



## Air Quality Index for Health Map

This map updates every two to five minutes with the most up-to-date calculated Air Quality Index for Health (AQIH) for

# Current + Historical Sites and Local Monitoring

## Dublin

- ▶ [Ballyfermot](#) (Current Monitoring Site) REAL-TIME DATA
- ▶ [Balbriggan](#) (Monitoring finished)
- ▶ [Blanchardstown](#) (Current Monitoring Site) REAL-TIME DATA
- ▶ [Clonskeagh](#) (Current Monitoring Site) REAL-TIME DATA
- ▶ [Coleraine Street](#) (Monitoring finished)
- ▶ [Crumlin](#) (Monitoring finished)
- ▶ [Davitt Road](#) (Current Monitoring Site) REAL-TIME DATA
- ▶ [Dún Laoghaire](#) (Current Monitoring Site) REAL-TIME DATA
- ▶ [Finglas](#) (Current Monitoring Site) REAL-TIME DATA
- ▶ [Knocklyon](#) (Monitoring finished)
- ▶ [Marino](#) (Current Monitoring Site) REAL-TIME DATA
- ▶ [Pearse Street](#) (Current Monitoring Site) REAL-TIME DATA
- ▶ [Phoenix Park](#) (Current Monitoring Site) REAL-TIME DATA
- ▶ [Rathmines](#) (Current Monitoring Site) REAL-TIME DATA
- ▶ [Ringsend](#) (Current Monitoring Site) REAL-TIME DATA
- ▶ [Rosemount](#) (Current Monitoring Site)
- ▶ [St. Anne's Park](#) (Current Monitoring Site) REAL-TIME DATA
- ▶ [St. John's Road West](#) (Current Monitoring Site) REAL-TIME DATA
- ▶ [Swords](#) (Current Monitoring Site) REAL-TIME DATA
- ▶ [Tallaght](#) (Current Monitoring Site) REAL-TIME DATA
- ▶ [Winetavern Street](#) (Current Monitoring Site) REAL-TIME DATA

## Localised Particulate Matter Monitoring

The following section details near real-time results from the localised particulate matter monitoring network. The network is being setup as part of the National Ambient Air Monitoring Programme 2017 - 2022.

Currently particulate matter 2.5 microns (PM<sub>2.5</sub>) and 10 microns (PM<sub>10</sub>) are assessed at the following locations.

For latest available data, please click on the links below.

- ▶ [Co. Clare - Ennistymon](#)
- ▶ [Co. Donegal - Buncrana](#)
- ▶ [Co. Dublin - Deansgrange](#)
- ▶ [Co. Kildare - Newbridge](#)
- ▶ [Co. Kildare - Celbridge](#)
- ▶ [Co. Kilkenny - Thomastown](#)
- ▶ [Co. Laois - Mountrath](#)
- ▶ [Co. Limerick - Abbeyfeale](#)
- ▶ [Co. Limerick - Castletroy \(Suburb of Limerick City\)](#)
- ▶ [Co. Limerick - Limerick City, O'Connell Street](#)
- ▶ [Co. Limerick - Mungret](#)
- ▶ [Co. Monaghan - Monaghan](#)
- ▶ [Co. Offaly - Banagher](#)
- ▶ [Co. Offaly - Tullamore](#)
- ▶ [Co. Tipperary - Nenagh](#)
- ▶ [Co. West Meath - Mullingar](#)
- ▶ [Co. Wexford - Enniscorthy](#)
- ▶ [Co. Wexford - Gorey](#)
- ▶ [Co. Wexford - New Ross](#)
- ▶ [Co. Wexford - Wexford Town](#)

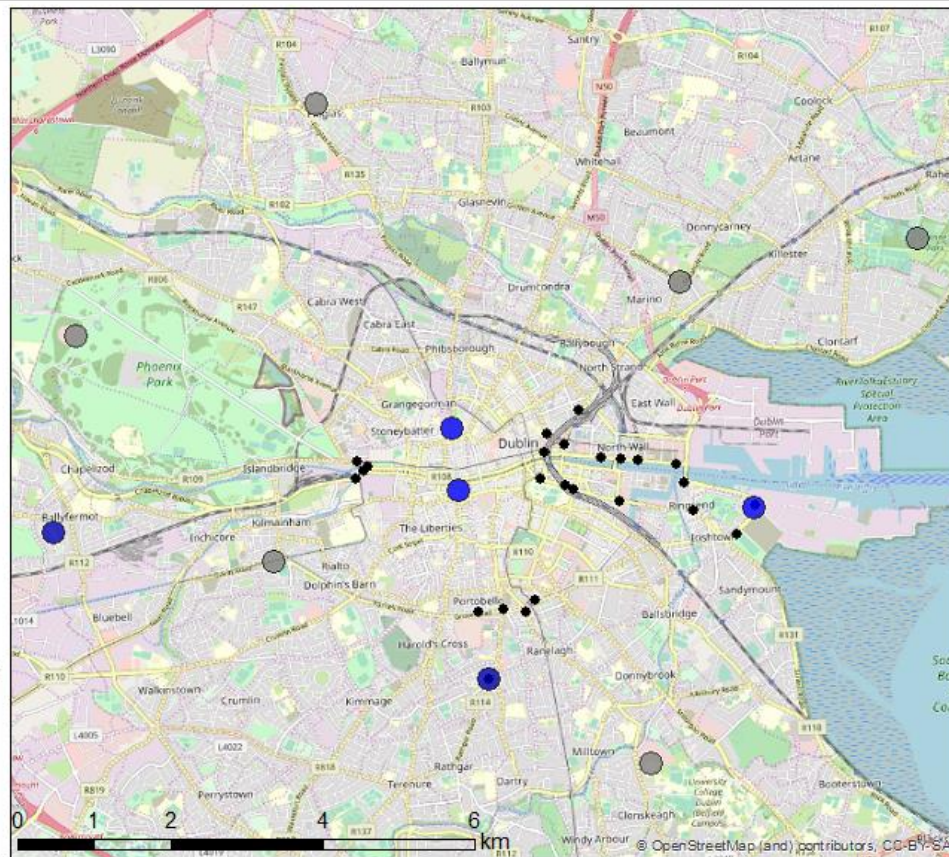
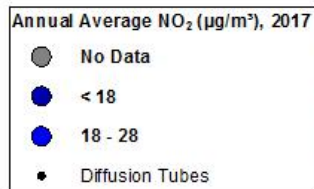
\* Monitors undergoing calibration/maintenance will have their links removed. Links will be restored once monitors have been re-installed.



Automatic Monitoring Sites and Diffusion Tubes in Dublin, 2015 & 2017

- Type:
  - 4 roadside
  - 2 suburban
  - 5 urban background
  - 25 diffusion tubes (2017 only)
- Temporal data capture:
  - Mostly hourly
  - Some daily PM

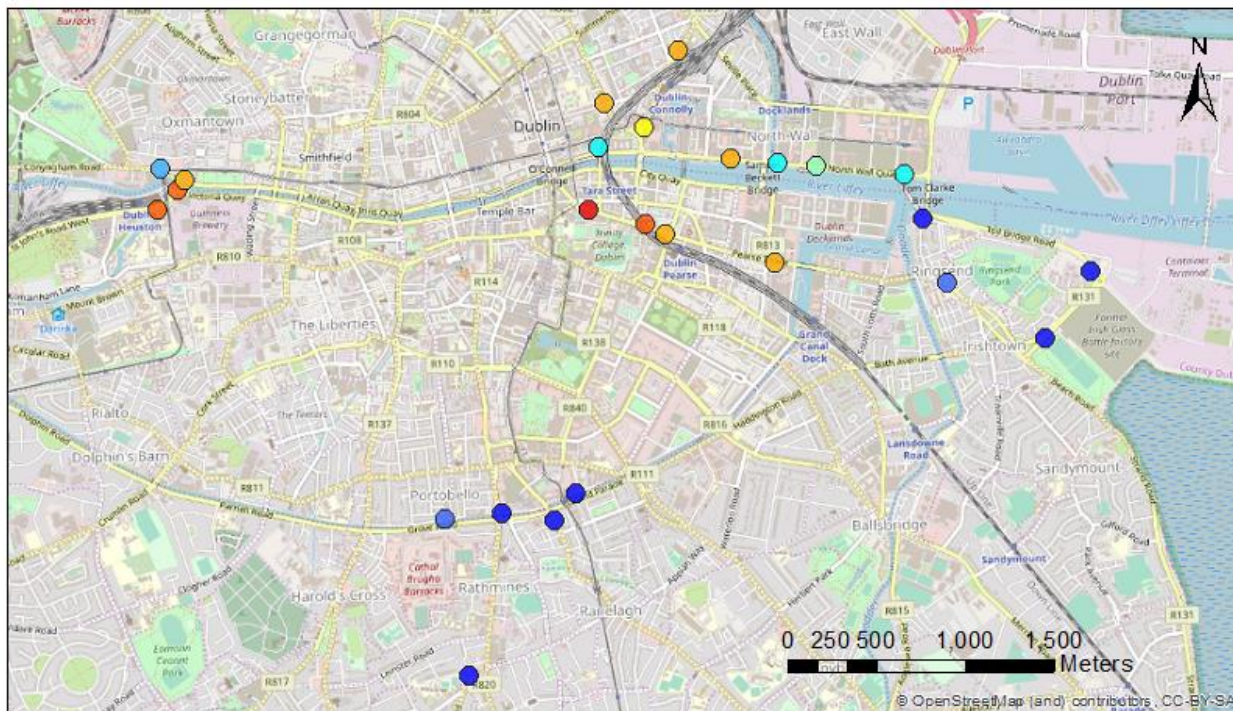
National Ambient Air Quality Network



Used to site new monitoring stations and in modelling work

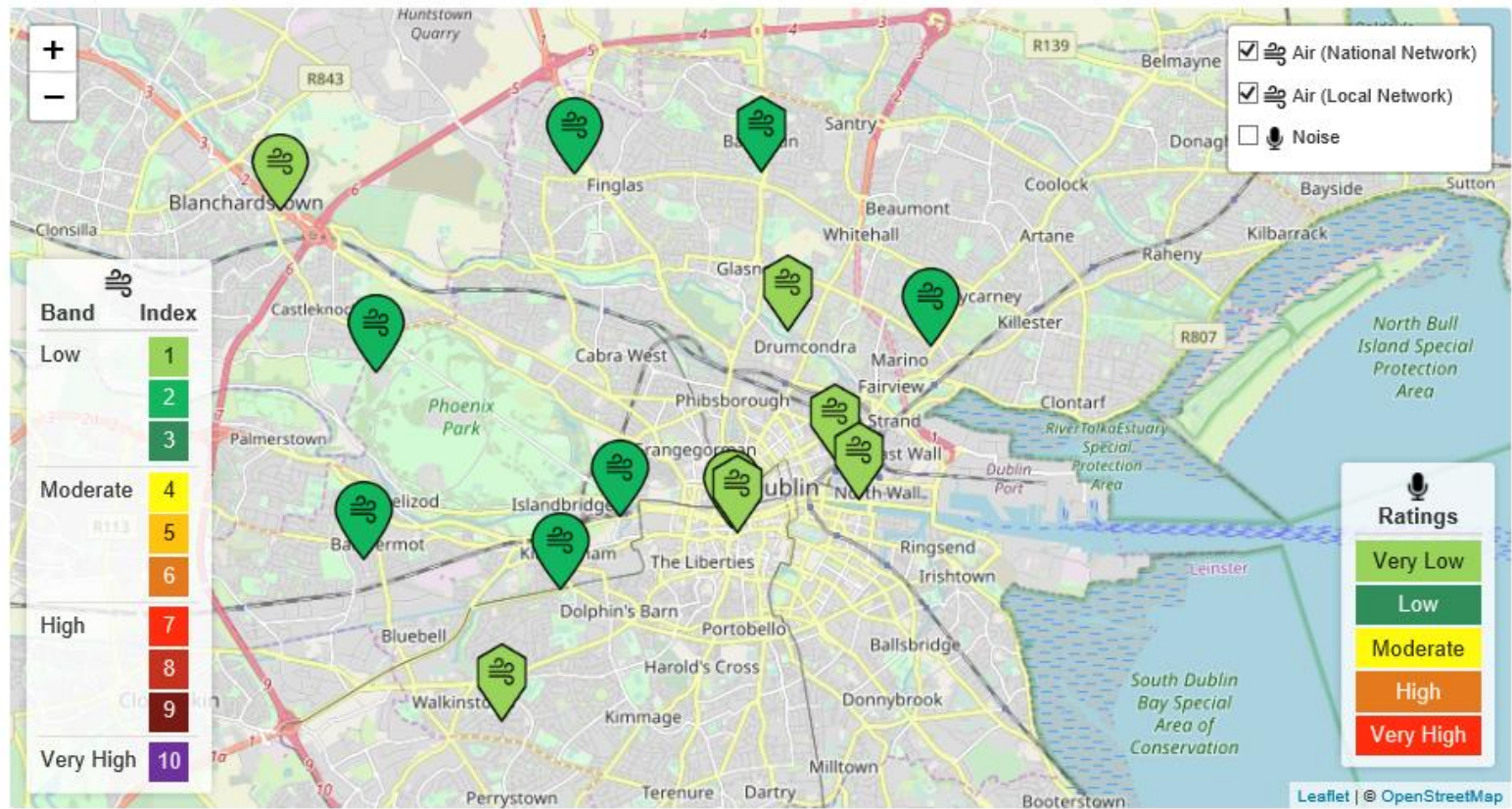
# EPA/DCC Tube Monitoring Sites

Diffusion Tube Sites, 2017



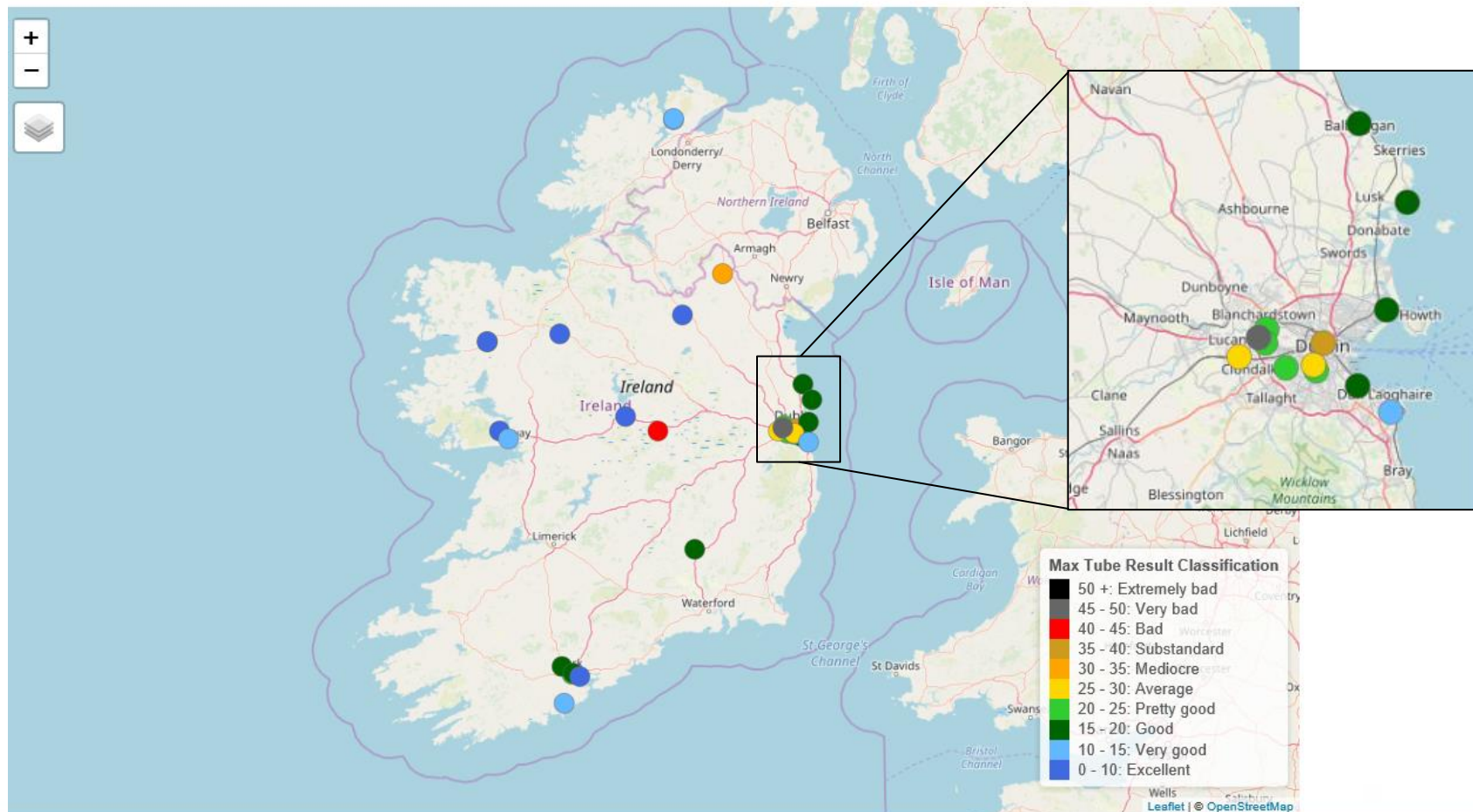


# Dublin City Council



# EPA-funded citizen science

## Traffic air pollution investigated by schools in Ireland (February 2019)



To date: GLOBE and CleanAir@School. Planned: 'Curious Noses' Ireland





**1289815**  
Total Readings



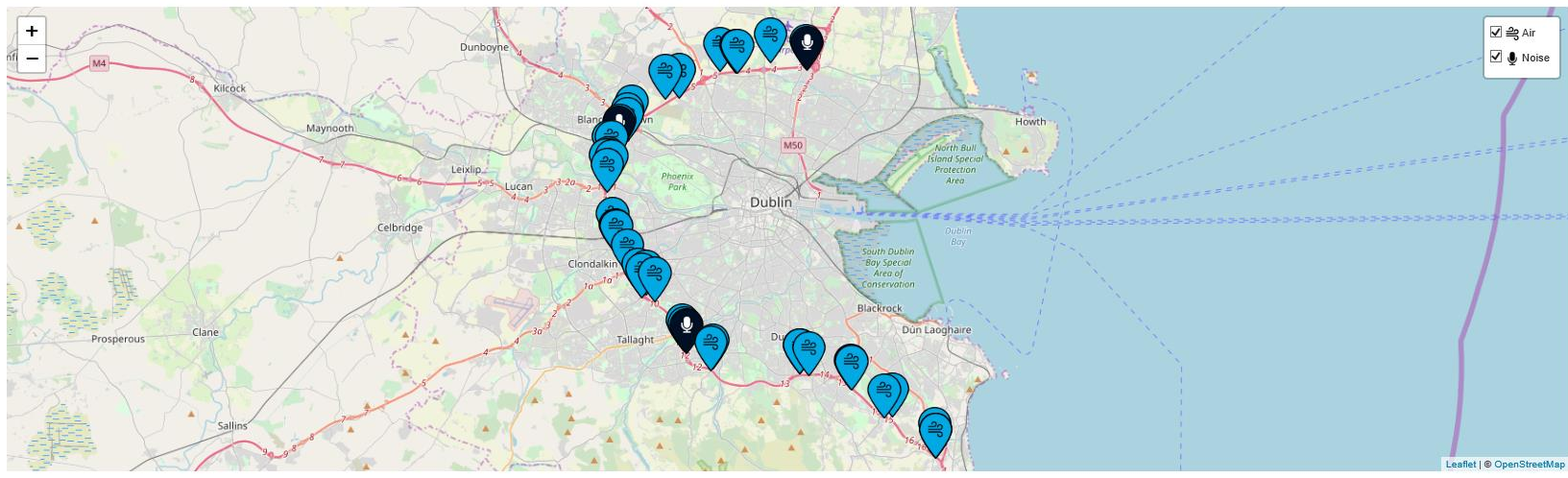
**0**  
Data Capture Today



**310**  
Days Monitoring



**43**  
Monitoring Stations



**LATEST REPORTS**



M50 NO<sub>2</sub> June 2018 to December 2018  
Bias corrected annualised NO<sub>2</sub> diffusion tube data

View Report 13 months ago

**LATEST TWEETS**

Tweets by TIItraffic

**Wednesday 22nd**  
 January 2020

SU MO TU WE TH FR SA



## NTA

- 120 tube locations: Bus Connects