



Stepaside ETSS
Educate Together Secondary School



PULCHRA

PULCHRA



Set up



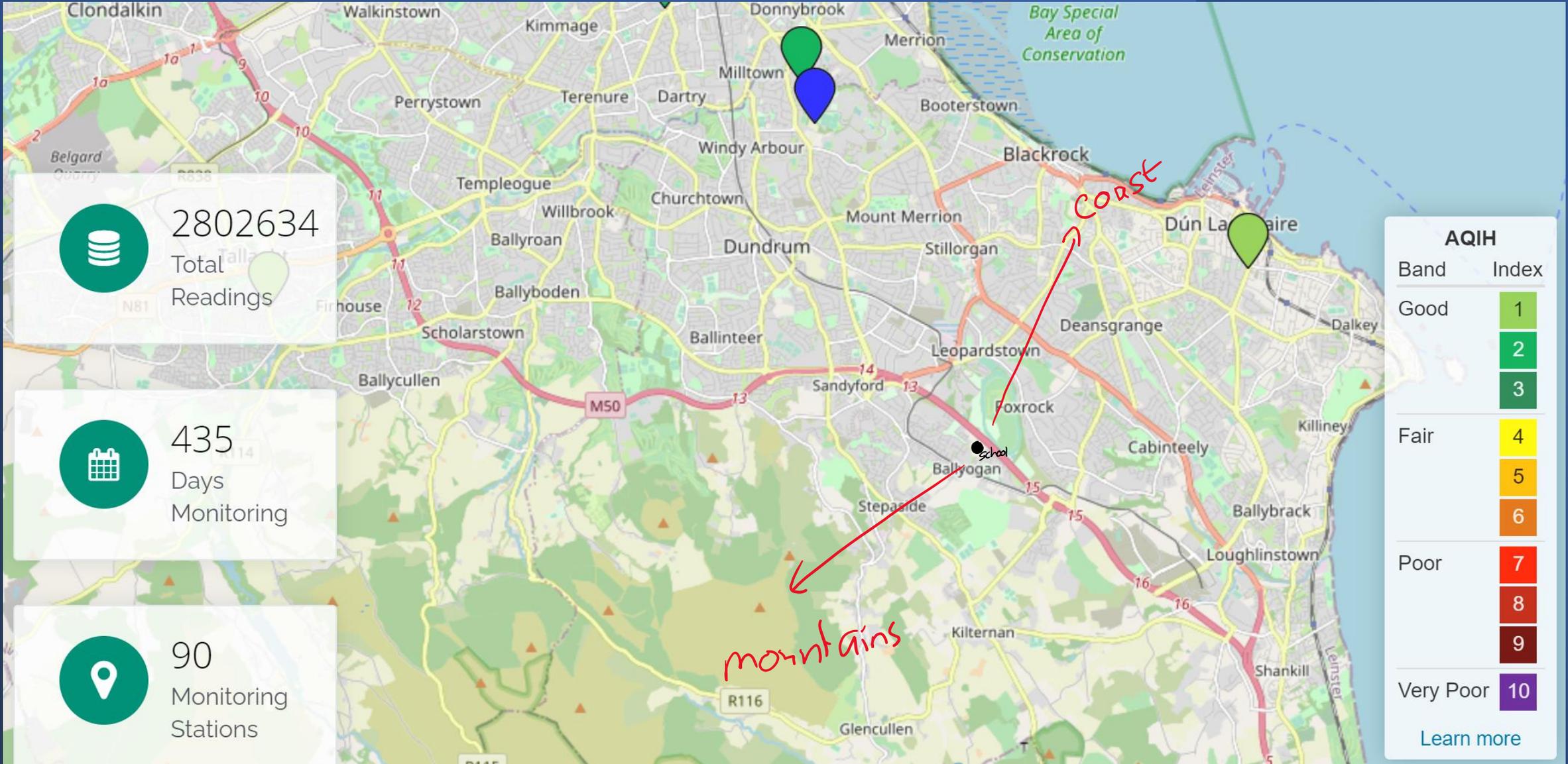
Tube Time!

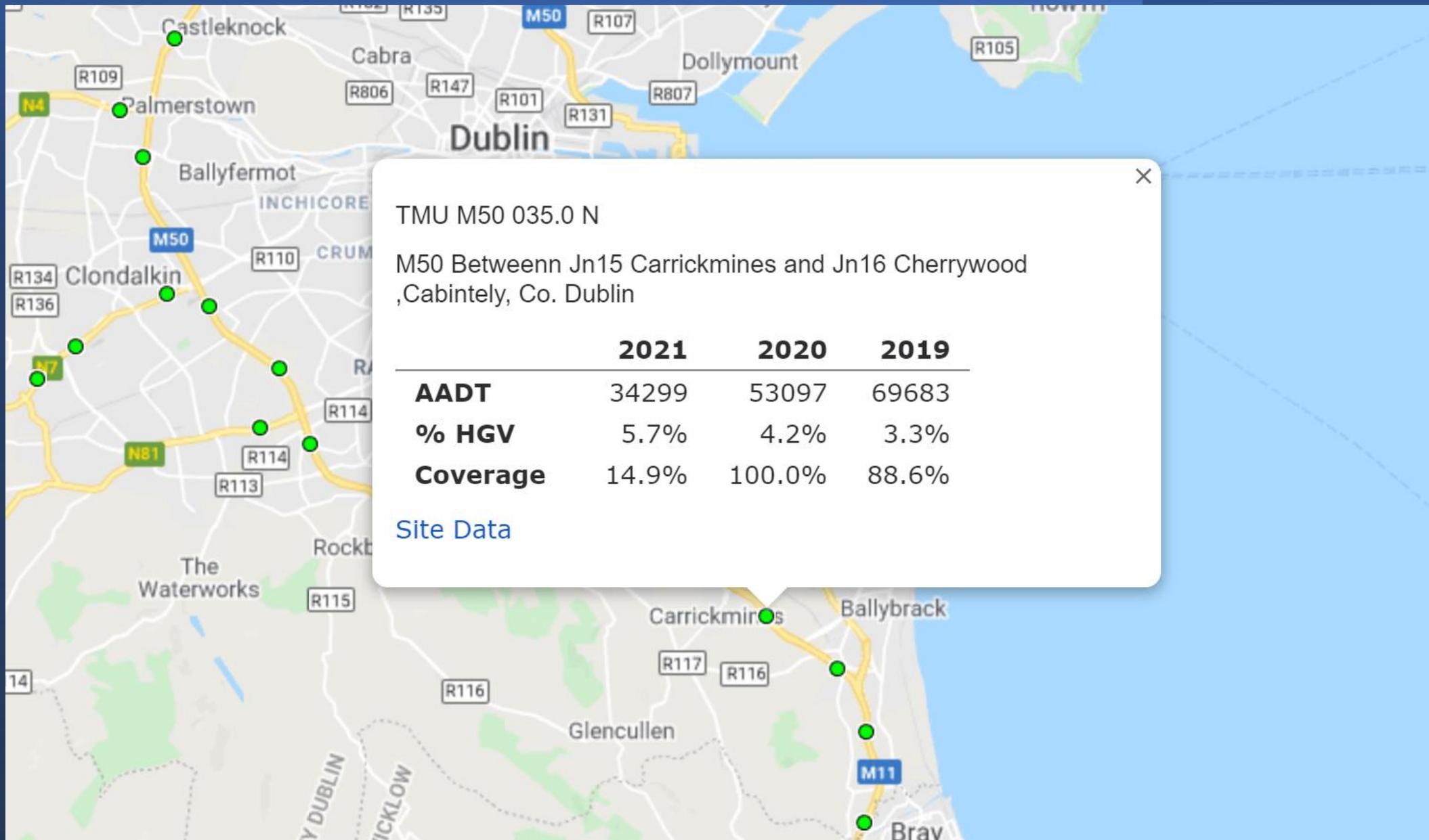
Results

School Name	Tube Number	NO ₂ Result µg/m ³	Lat (app)	Long (app)	Comments
Stepaside ETSS (S.Ennis)	1646010	11.34	53.261765	-6.195303	
	1645952	12.72	53.26181	-6.195079	
	1645994	11.42	53.260769	-6.194618	Fell off the lamp post and was kept aside to prevent it from getting lost.
	1645954	12.97	53.259212	-6.193975	
	1646002	17.81	53.263752	-6.197667	
	1646001	10.64	53.263424	-6.197316	Fell onto the grass.

µg/m ³	Colour Code	NO ₂ Level Description
50+	Black	Very High
40-50	Red	High
30-40	Orange	Medium to High
20-30	Yellow	Medium
10-20	Green	Low to Medium
0-10	Blue	Low

Figure 1. A colour coded NO₂ concentration scale







Going Forward

A collage of images related to landscaping and gardening. The top left shows a long metal fence along a grassy area under a cloudy sky. The bottom left shows a stack of burlap bags, some with the 'alam' logo, and a brown bag. The right side shows several large white bags of mulch, one labeled 'GreenKING' and 'Wicklow', and another labeled 'Mulch'. There are also smaller bags, a green plastic bag, and various tools like shovels and rakes. Shopping carts are visible in the background on the right.

Going forward

Pocket Forest



Stepaside ETSS @StepasideETSS · Mar 5



Thank you @pocketforests for planting our very own Pocket Forest at SETSS 🍀❤️

Bringing nature to school! #PocketForest #Conservationmatters



Concerns

- In Europe, while air quality is slowly improving, air pollution remains the single largest environmental health hazard, resulting in a lower quality of life due to illness and an estimated 467 000 premature deaths per year, as reported by the European Environment Agency (EEA) [1] [2]

Wildfires having devastating effect on air quality in western US, study finds

Blazes, intensified by the climate crisis, are reversing decades of gains in cutting air pollution, scientists report



▲ Smoke from wildfires shrouds the town of West Linn, Oregon, on 10 September 2020. Photograph: Christian Gallagher/AP

Bibliography

1. European Environment Agency. Premature Deaths Attributable to Air Pollution. www.eea.europa.eu/media/newsreleases/many-europeans-still-exposed-to-air-pollution-2015/premature-deaths-attributable-to-air-pollution Date last updated: April 21, 2016.
2. McCormick, E. (2021, January 19). Wildfires having devastating effect on air quality in western US, study finds. Retrieved March, 2021, from <https://www.theguardian.com/world/2021/jan/19/wildfires-air-pollution-western-us>