



Activity report



Report based on AtmoTrack network,
from 01/01/2023 to 31/12/2023





Average concentrations over 2023

All the data are displayed in $\mu\text{g}/\text{m}^3$. The thresholds are based on the annual limit values of the European Union.

PM 2.5	0 - 5	5 - 10	10 - 15	15 - 20	20 - 25	> 25
PM 10	0 - 8	8 - 16	16 - 24	24 - 32	32 - 40	> 40
NO2	0 - 8	8 - 16	16 - 24	24 - 32	32 - 40	> 40
O3	0 - 24	24 - 48	48 - 72	72 - 96	96 - 120	> 120

	PM2.5	PM10	NO2	O3
Quarter 1	7.39	11.78	26.56	26.42
Quarter 2	7.53	10.7	13.44	46.56
Quarter 3	6.5	8.97	13.33	26.62
Quarter 4	8.22	13.1	12.37	23.2
Full year	7.42	11.21	16.42	27.46

Caeli Statistics

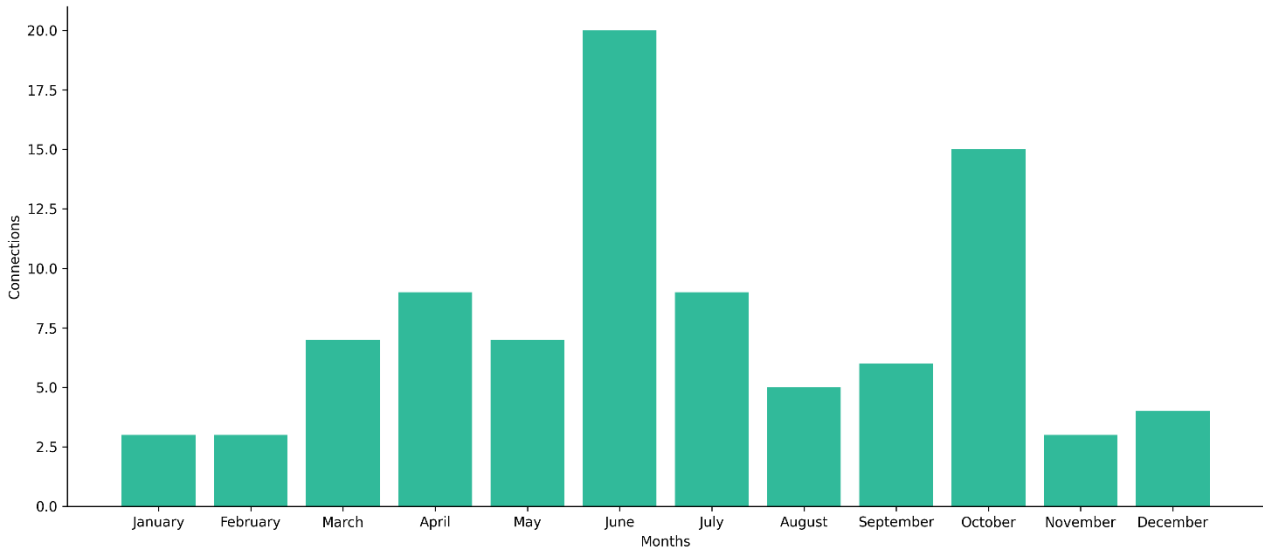


Fig 1 - Number of total connections per month

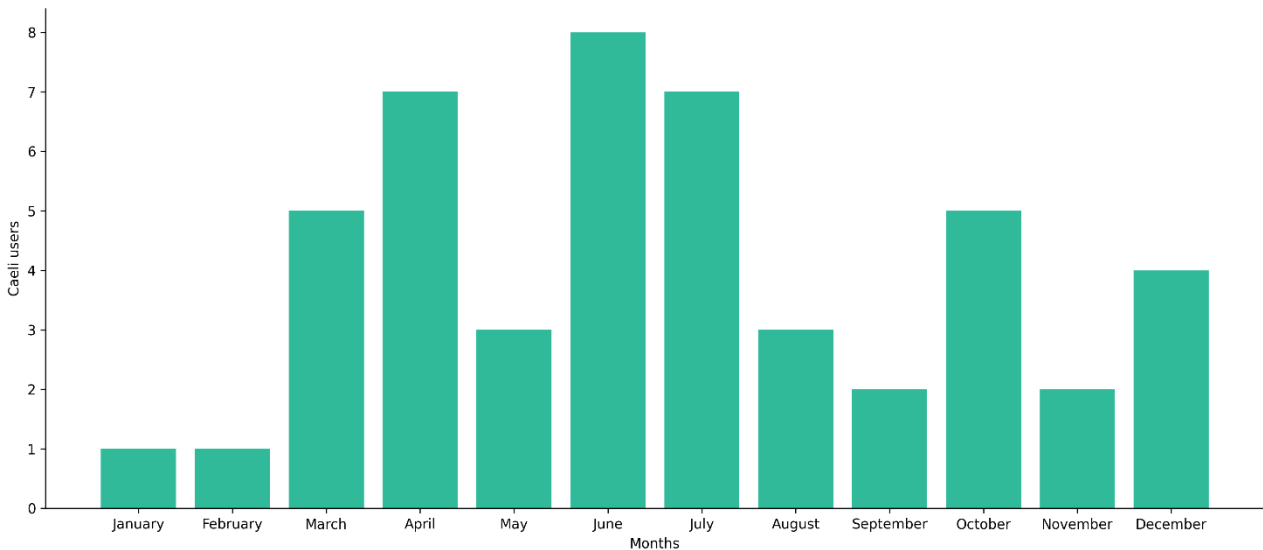


Fig 2 - Number of unique users per month

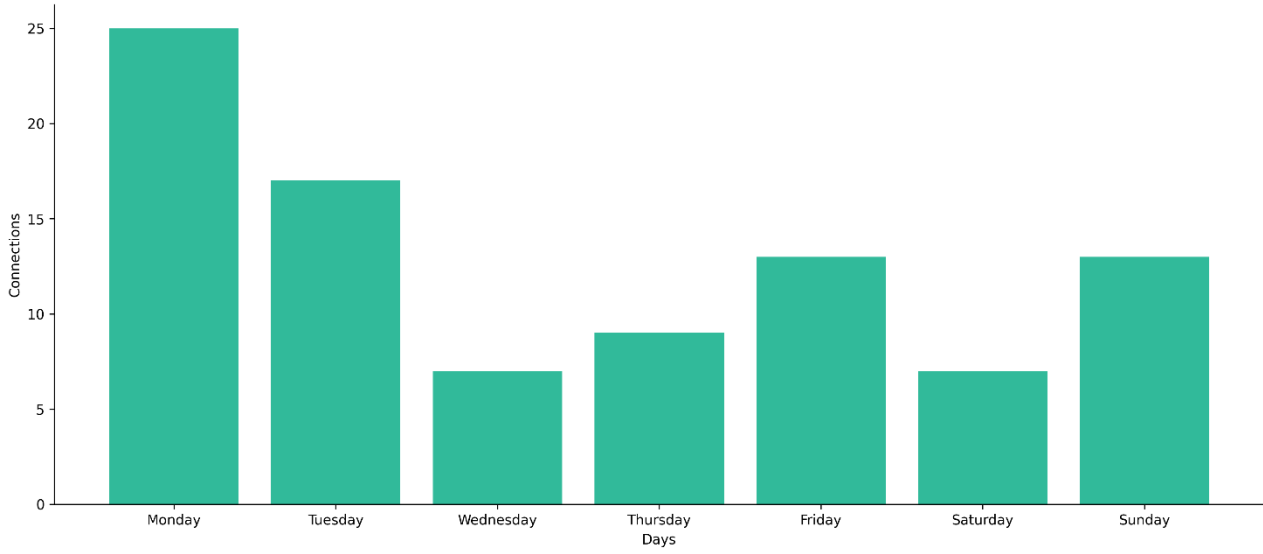


Fig 3 - Number of total connections per day of the week



Daily air quality report

The charts below present the daily concentration level per pollutant over 2023.

PM2.5

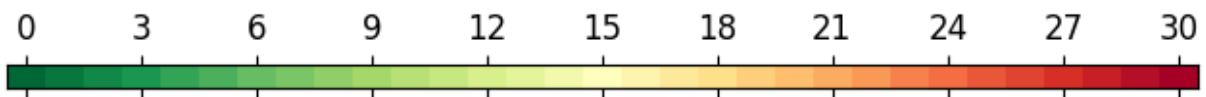


Fig 4 - Colour scale for PM2.5: Concentrations above 30µg/m3 are displayed in dark red

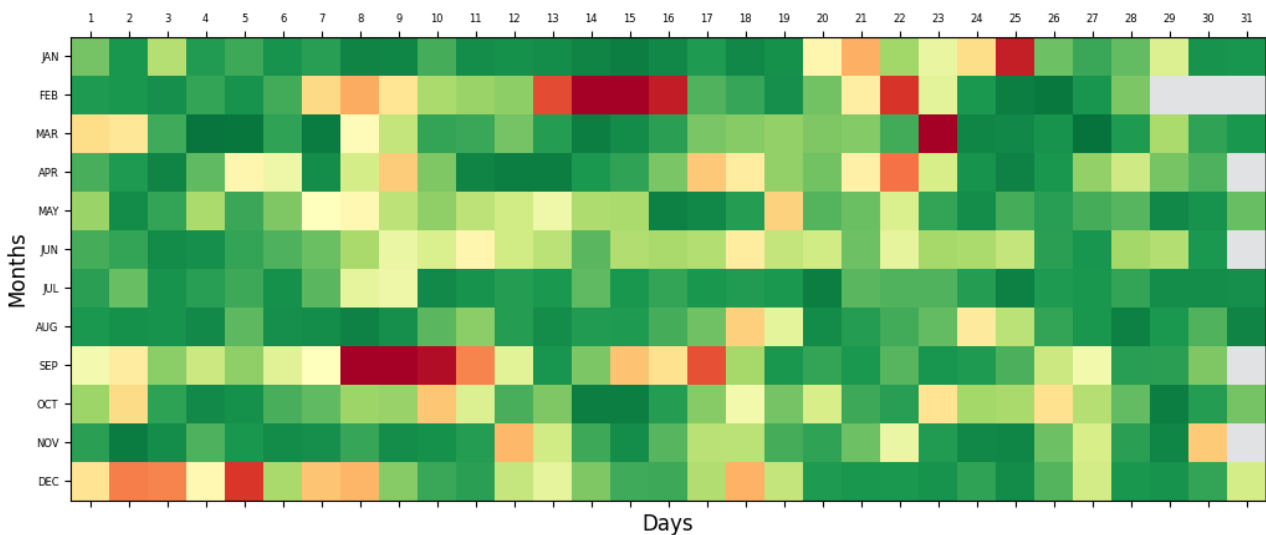


Fig 5 - PM2.5 in daily concentration in µg/m3



PM10

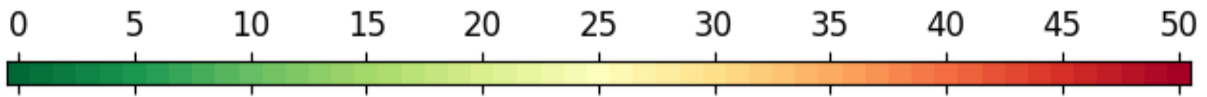


Fig 6 - Colour scale for PM10: Concentrations above 50µg/m3 are displayed in dark red

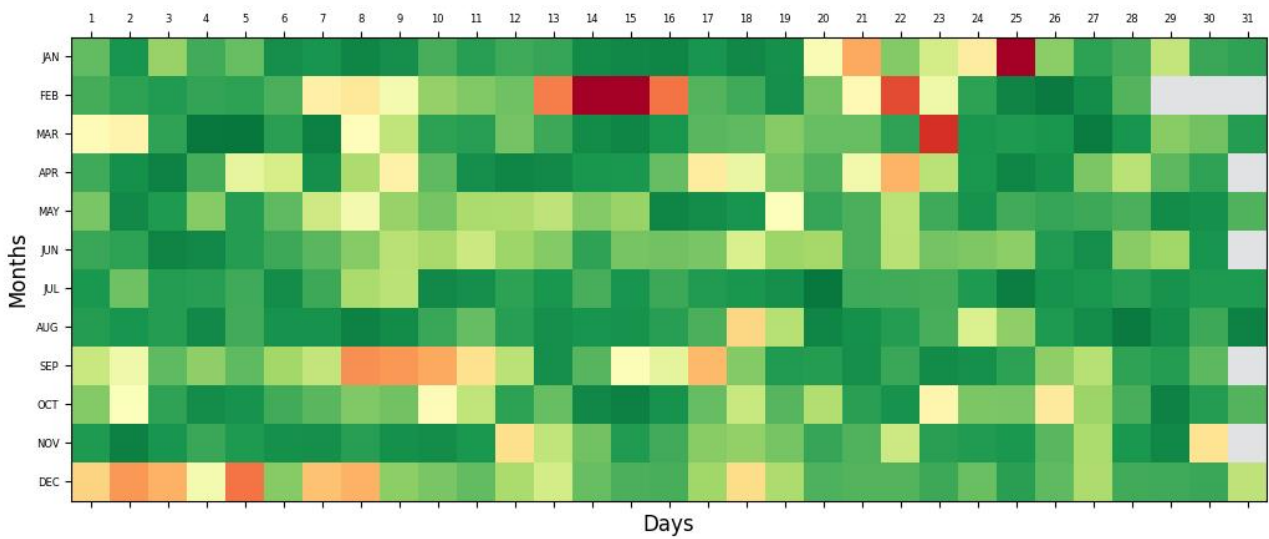


Fig 7 - PM10 in daily concentration in µg/m3



N02

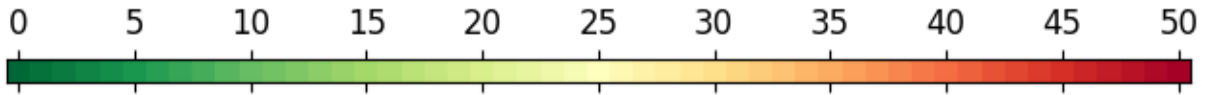


Fig 8 - Colour scale for NO2: Concentrations above 50µg/m3 are displayed in dark red

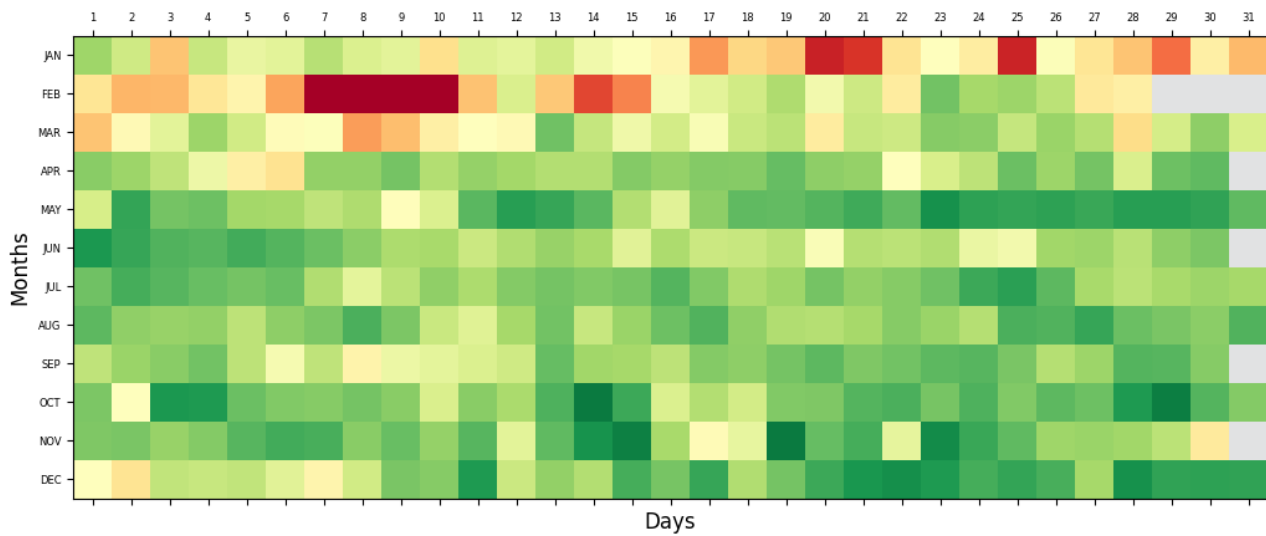


Fig 9 - NO2 in daily concentration in µg/m3



O3

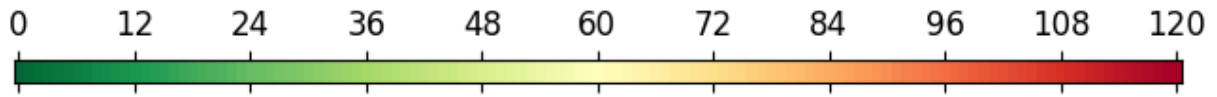


Fig 10 - Colour scale for O3: Concentrations above 120 $\mu\text{g}/\text{m}^3$ are displayed in dark red

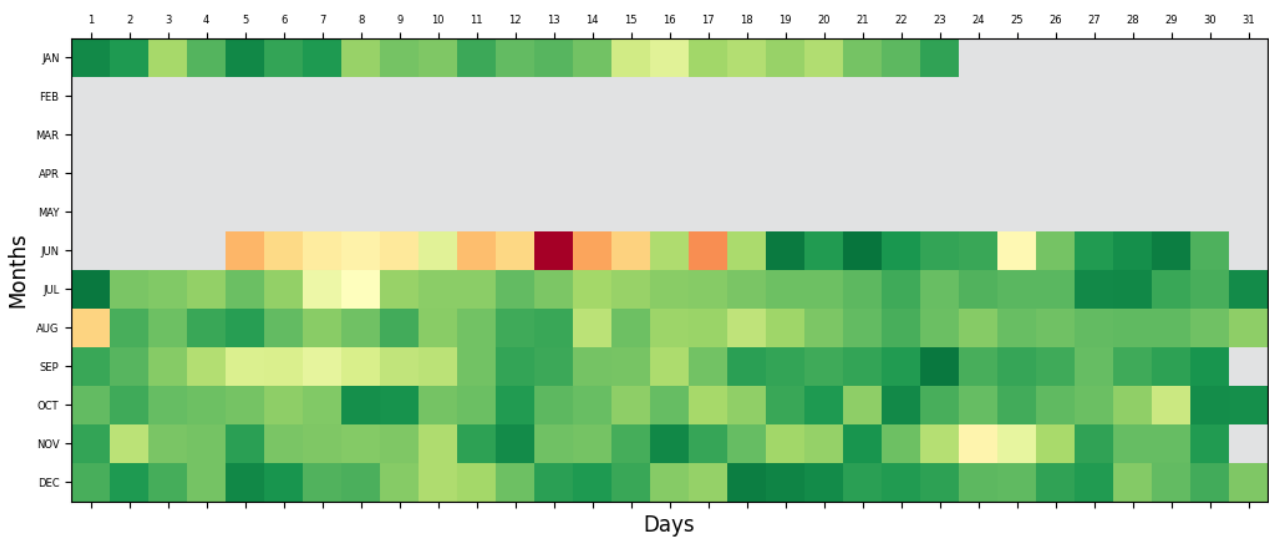


Fig 11 - O3 in daily concentration in $\mu\text{g}/\text{m}^3$

Maps

First quarter

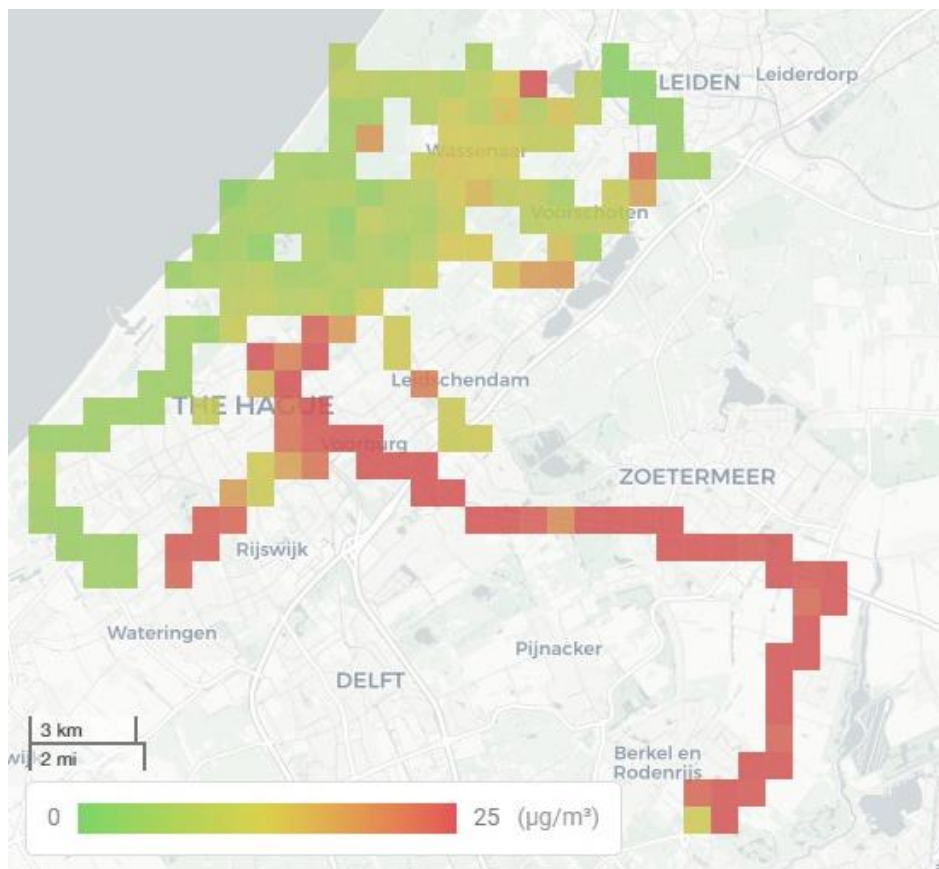


Fig 12 - Coverage and PM2.5 concentration of the area on the first quarter of 2023



ATMOTRACK

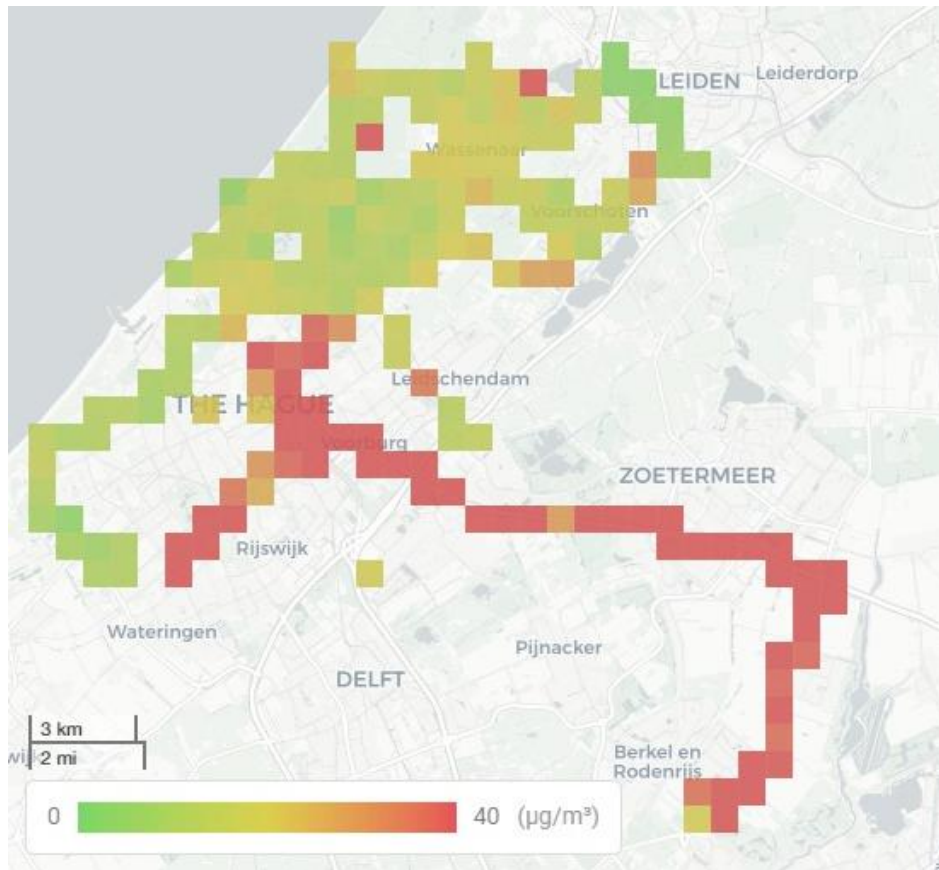


Fig 13 - Coverage and PM10 concentration of the area on the first quarter of 2023

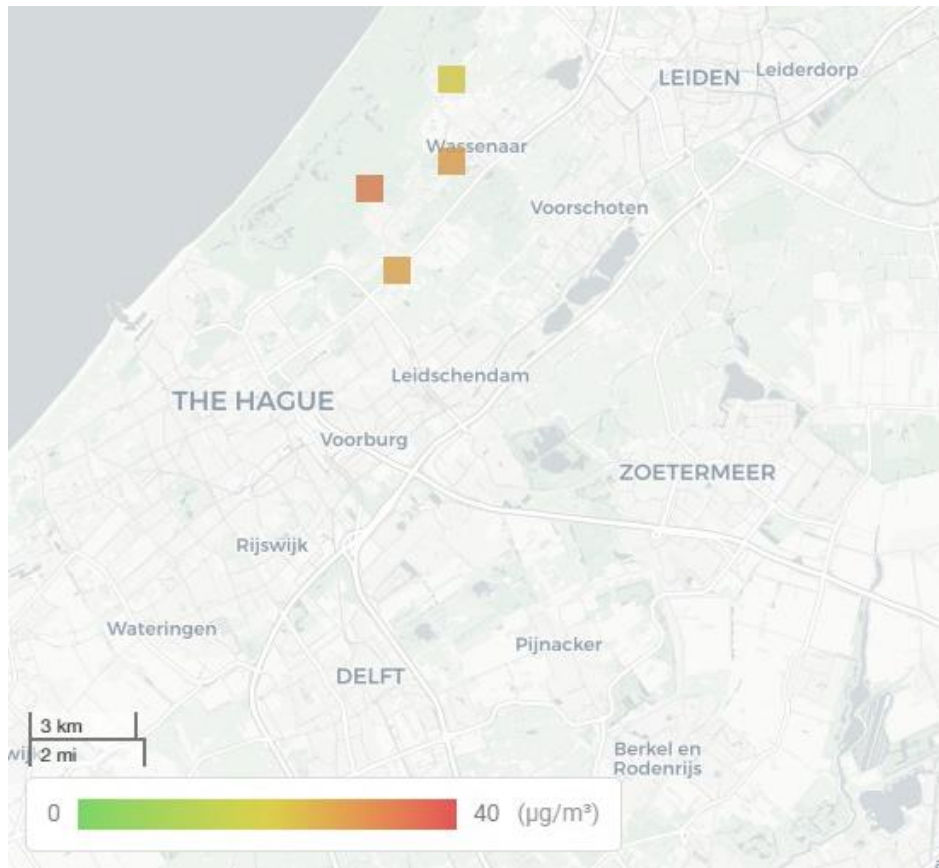


Fig 14 - Coverage and NO2 concentration of the area on the first quarter of 2023

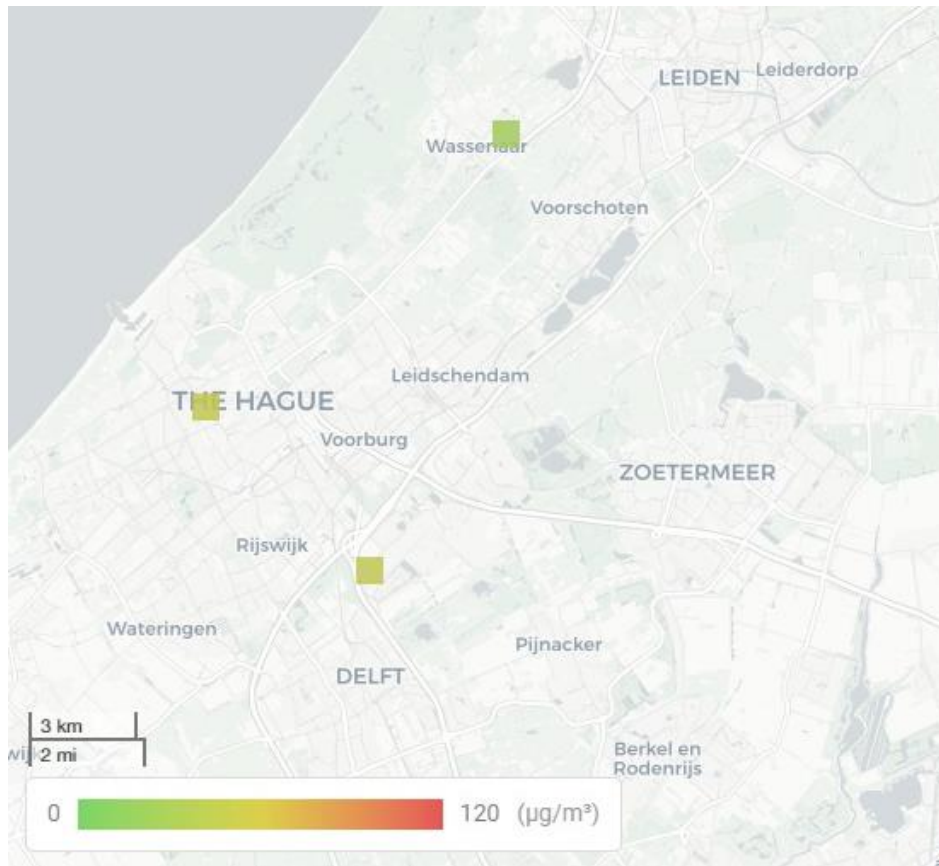


Fig 15 - Coverage and O₃ concentration of the area on the first quarter of 2023

Second quarter

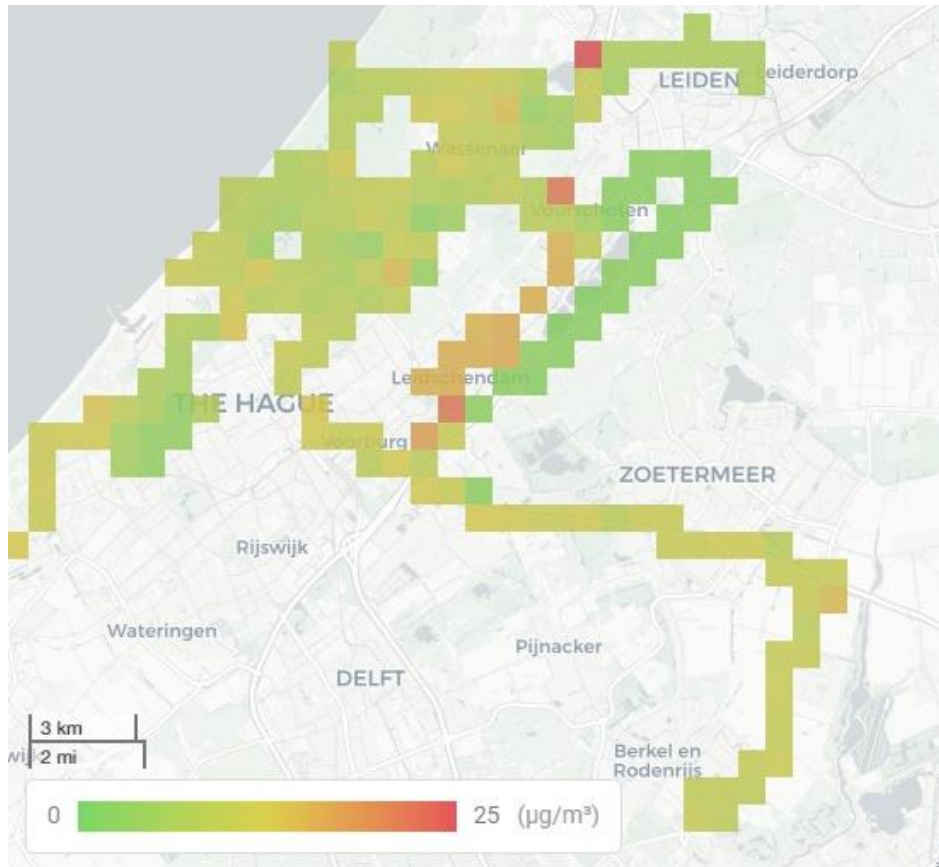


Fig 16 - Coverage and PM2.5 concentration of the area on the second quarter of 2023

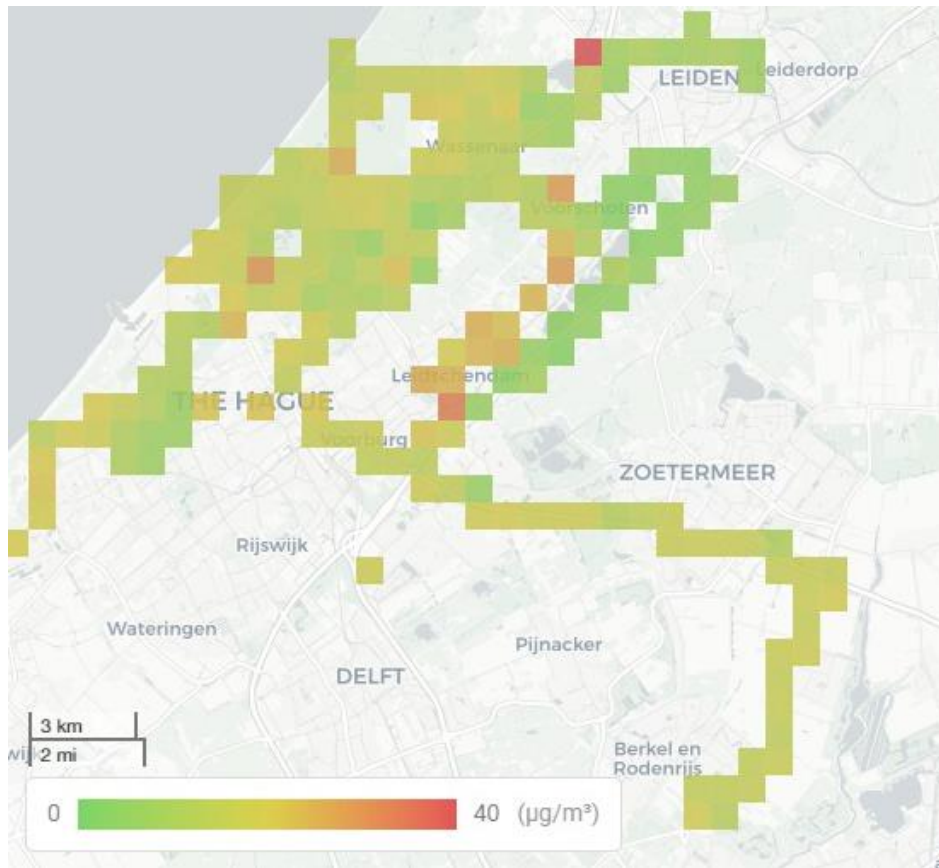


Fig 17 - Coverage and PM10 concentration of the area on the second quarter of 2023

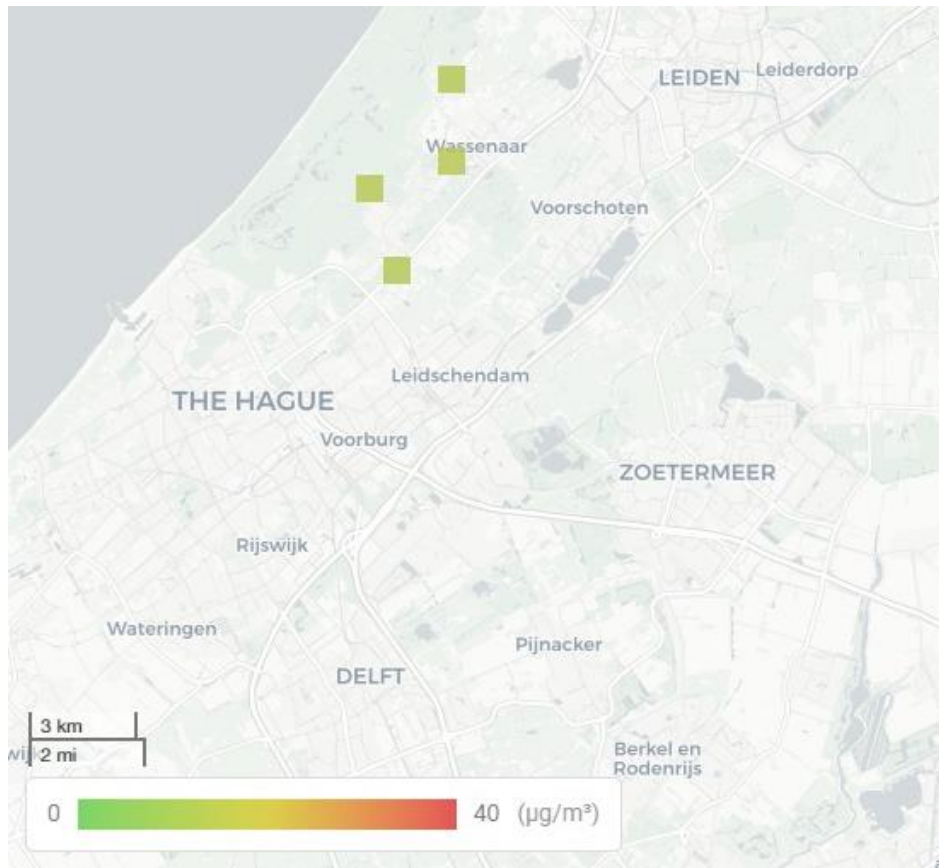


Fig 18 - Coverage and NO2 concentration of the area on the second quarter of 2023

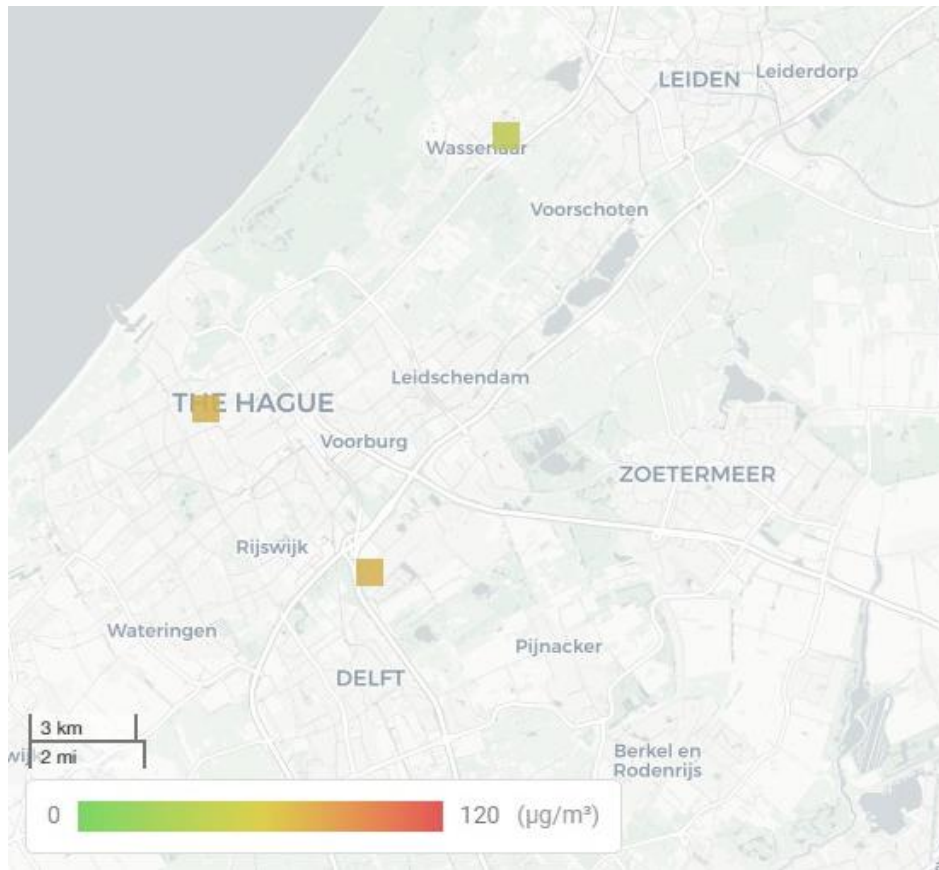


Fig 19 - Coverage and O3 concentration of the area on the second quarter of 2023

Third quarter

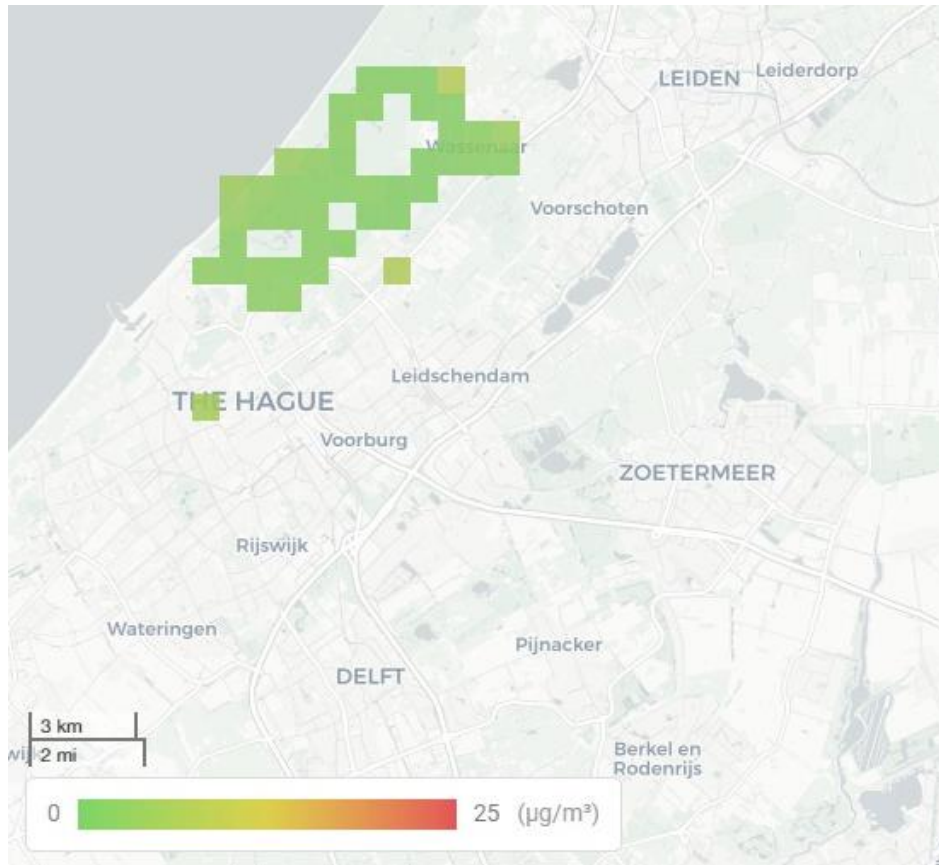


Fig 20 - Coverage and PM2.5 concentration of the area on the third quarter of 2023

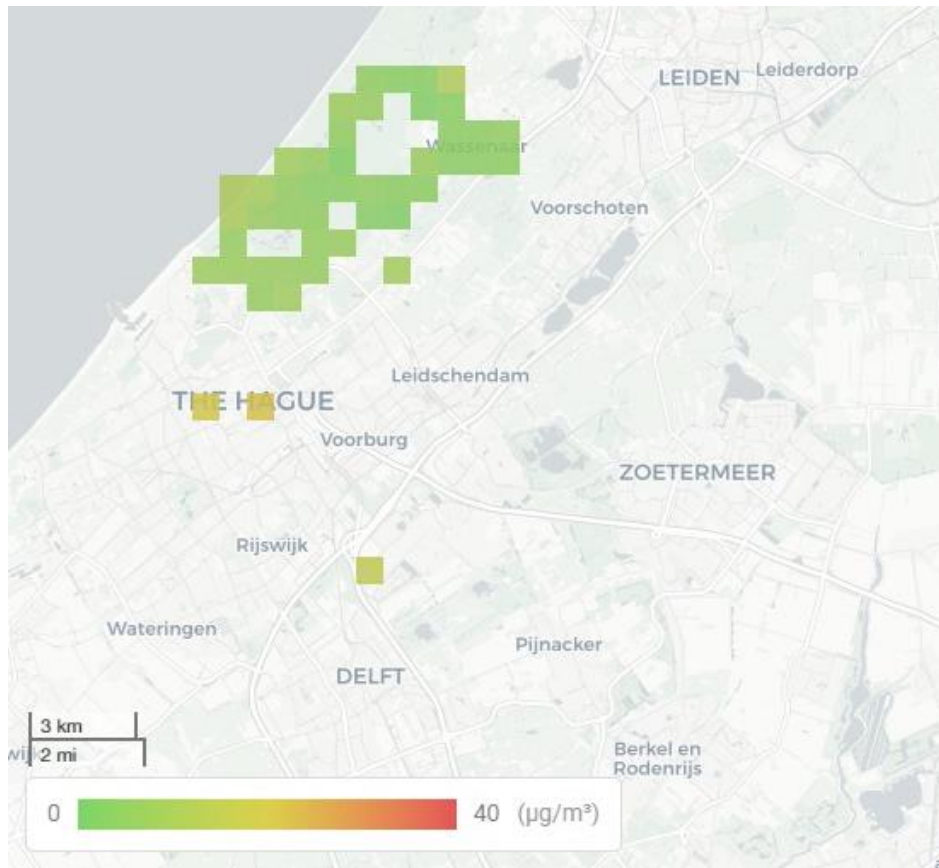


Fig 21 - Coverage and PM10 concentration of the area on the third quarter of 2023

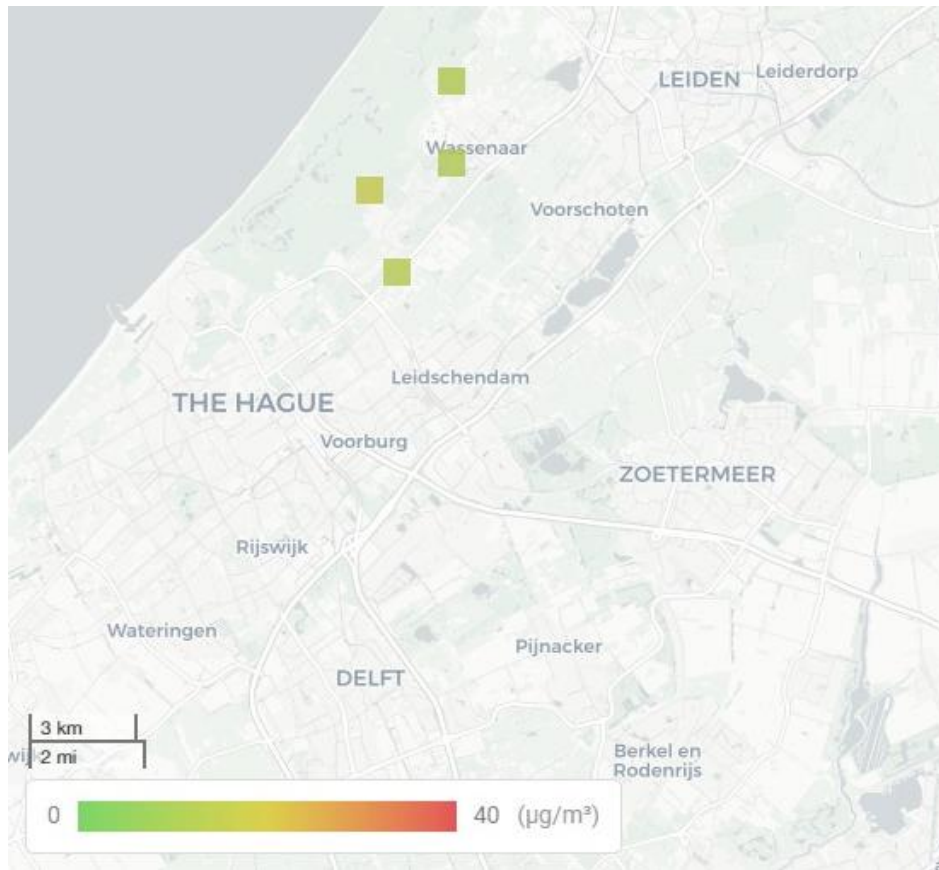


Fig 22 - Coverage and NO2 concentration of the area on the third quarter of 2023

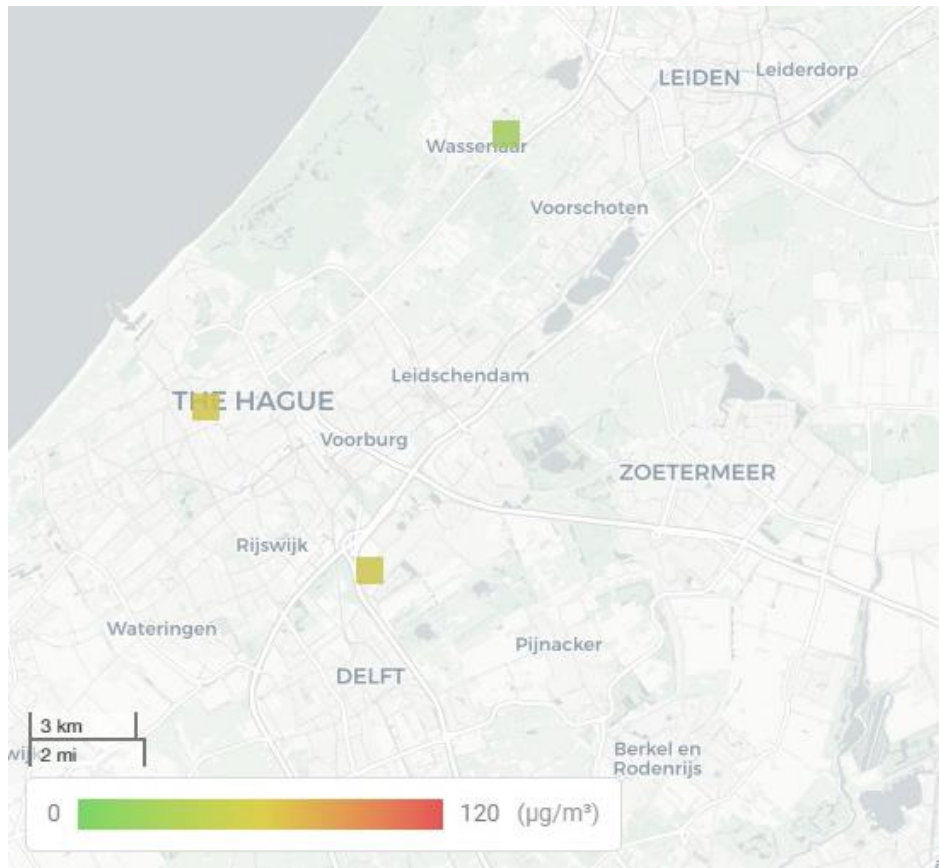


Fig 23 - Coverage and O3 concentration of the area on the third quarter of 2023

Fourth quarter

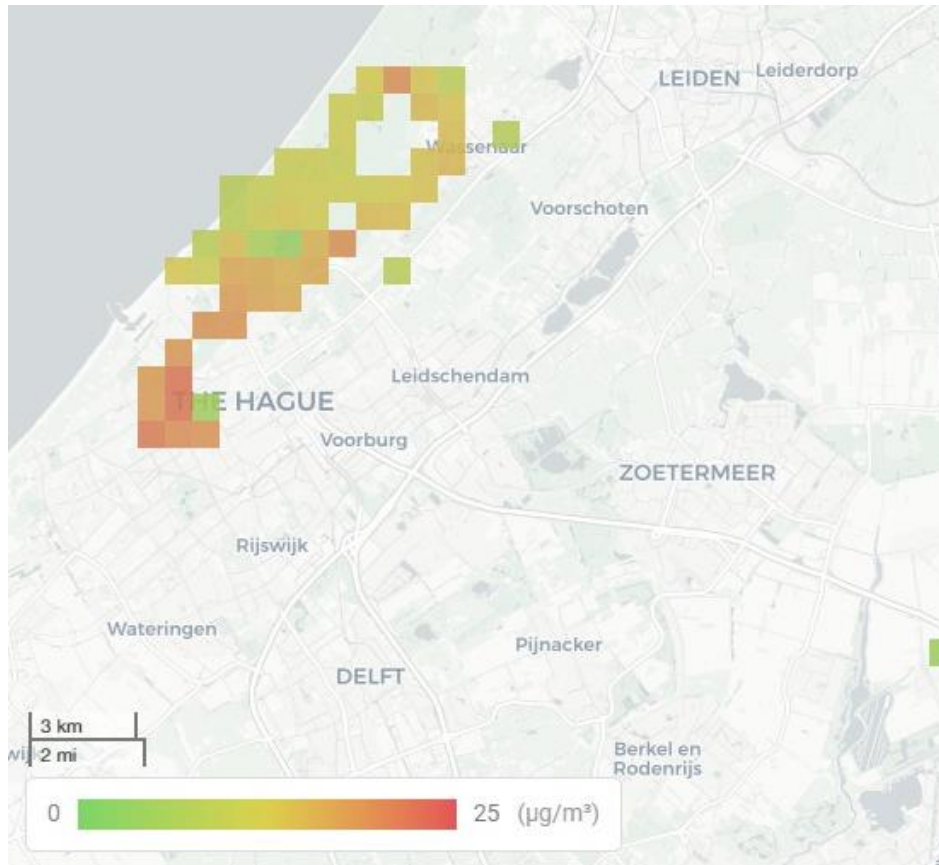


Fig 24 - Coverage and PM2.5 concentration of the area on the fourth quarter of 2023

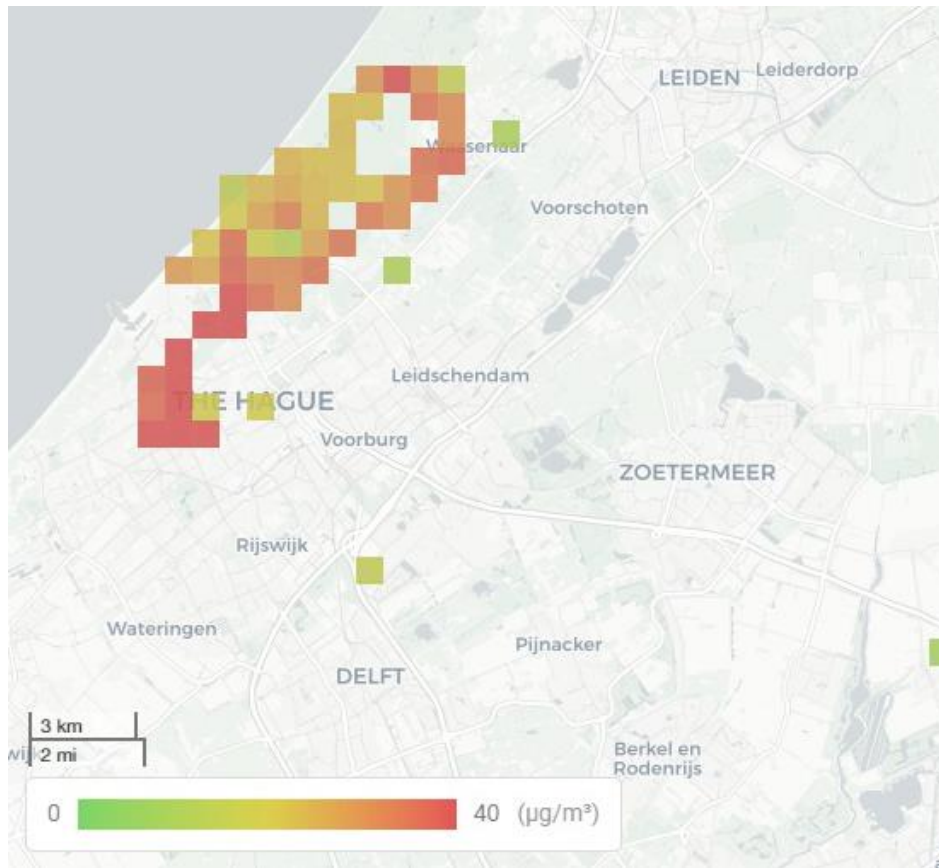


Fig 25 - Coverage and PM10 concentration of the area on the fourth quarter of 2023

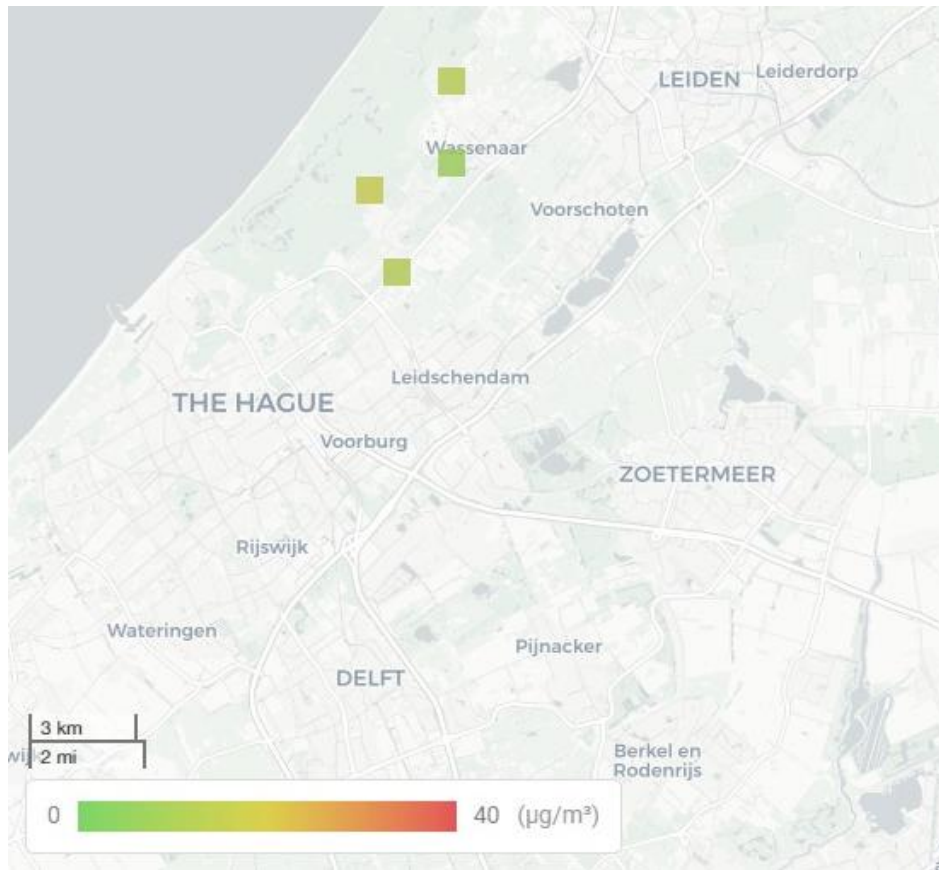


Fig 26 - Coverage and NO2 concentration of the area on the fourth quarter of 2023



Fig 27 - Coverage and O3 concentration of the area on the fourth quarter of 2023