

Table S1. – Xact 625 and 625i Minimum Detection Limits (ng/m³)

Element	Xact 625 (MY)	Xact 625i (HOP)
	ng/m ³	ng/m ³
Ba	1.7	0.4
Zn	0.4	0.1
Si	N/A	17.8
Cu	0.5	0.1
Ca	1.6	0.3
Fe	1.4	0.2

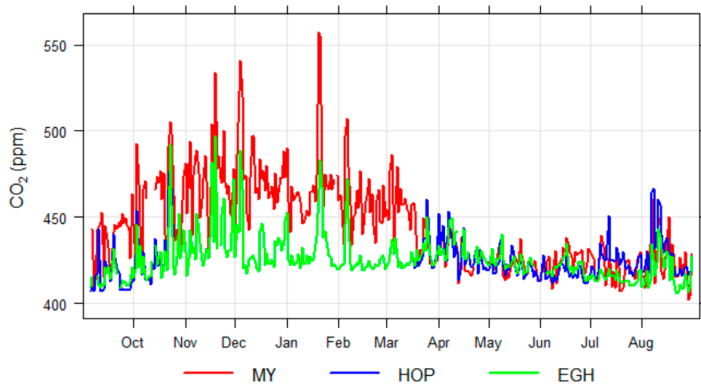


Figure S1. – Daily average CO₂ mixing ratios at MY, HOP and EGH during the 12-month campaign (ppm).

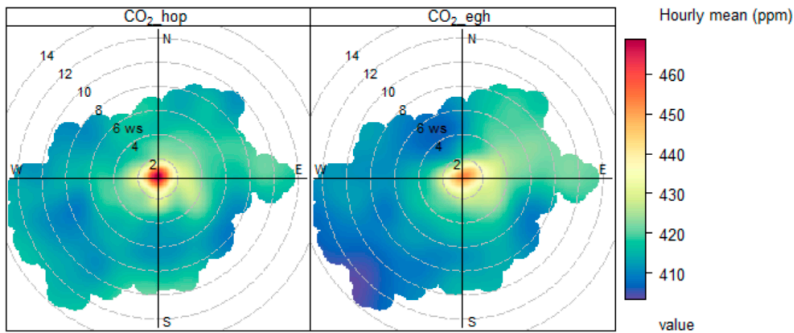


Figure S2. – CO₂ polar plots at background locations, which shows HOP (l) and EGH (r) CO₂ mixing ratios by wind speed and wind direction during the 12-month campaign (ppm).

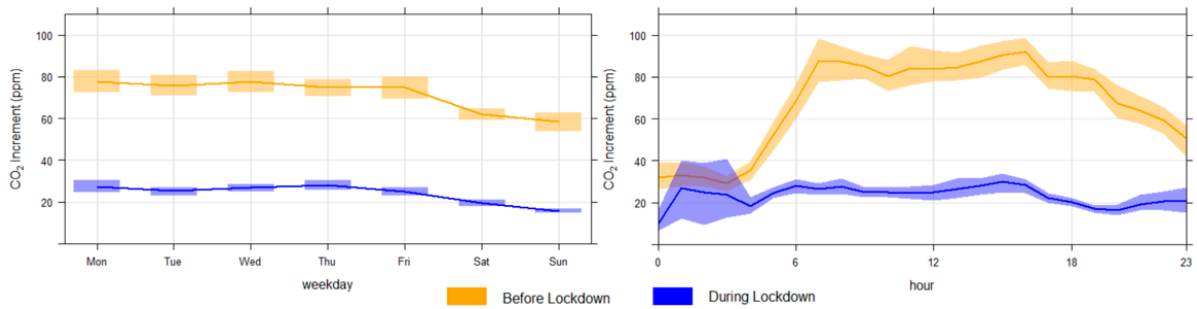


Figure S3. – Mean and 95% confidence intervals of the CO₂ increment by day of week and time of day before and during lockdown (ppm).