

Flanders

VLAAMSE MILIEUMAATSCHAPPIJ



www.vmm.be

Brussels



www.leefmilieubrussel.be

Wallonia



airclimat.wallonie.be

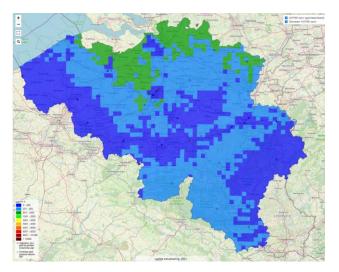
Exceedance situations indicators

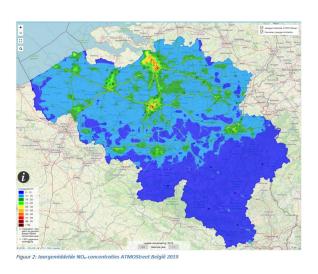
population exposures, exeedance situations reported in BE : NO2, O3

both based on model results:

NO2: ATMO-street model (Flanders)

O3: RIO-model

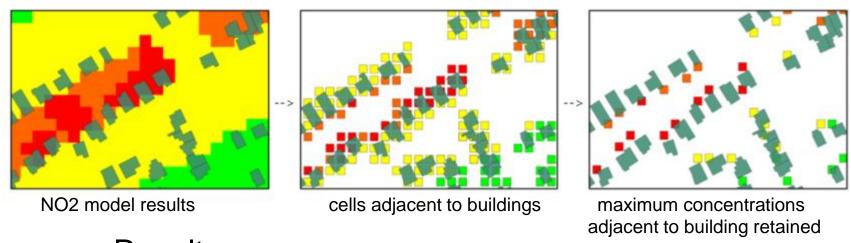






Exceedance situations indicators

Current methodology for reporting: ATMO-Street



40.5 μg/m³ < NO2	2 <= P99.99 μg/n	n³ (if P99.99 <40.5 μg/ι	m³, no exceedances and exp	osure in that zone)			
zone	pop_exc	pop_exc_perc	pop_not_exc_perc				
BEF06S	0	0.00	100.00				
FLANDERS	1220	0.02	99.98				
BEF05S	0	0.00	100.00	40.5 μg/m³ <= N	40.5 μg/m³ <= NO2 <= P99.99 μg/m³		
BEF04A	970	0.36	99.64	zone	area (m²)	road_length (m)	
BEF03S	0	0.00	100.00	BEF01S	(0	
BEF01S	0	0.00	100.00	BEF02A	299800	12776	
BEF02A	1765	0.29	99.71	BEF03S	(0	
				BEF04A	45600	2865	
				BEF05S	(0 ~	
				BEF06S	(P	

new ESI: flagging : few, significant, large, very widespread exceedance

 BE: flagging : based on exceedance (exposure, area) calculations using model results

methodology to determine ESI stays the same



Spatial Representativeness

10 % for rural and urban backgroundstations20 % for industrial stations

risks of missing out on area's of same spatial representativeness

