

		Full impact of long-range transport				
		EA as receptor		EAS as receptor		
		EU→EA	EUR→EA			
		2000 ¹	2010EA ²	2008 ³	2009 ⁴	2010
SO ₄ ²⁻	Surf. Conc. (μg m ⁻³)	2.94 (1.96–4.42)	3.25 (2.07–5.46)	5.9 (5.38–6.51)	5.29	3.80 (1.45–6.67)
	Full_Impact _{EUR} %	5.0 (0.3–9.8)	0.5 (0.1–0.9)	3.5 (2.9–4.1)	4.7	2.7 (0.4–5.6)
	Full_Impact _{RBU} %			5.5	5.2	4.1 (2.6–6.9)
BC	Surf. Conc. (μg m ⁻³)	0.42 (0.28–0.71)	0.56 (0.34–0.74)	1.00 (0.93–1.08)	0.92	0.82 (0.51–1.07)
	Full_Impact _{EUR} %	1.0 (0.5–3.9)	0.2 (0.03–0.3)	1.2 (0.6–1.8)	1.9	1.1 (0.1–2.2)
	Full_Impact _{RBU} %			3.6	1.8	1.1 (0.1–2.5)
OA	Surf. Conc. (μg m ⁻³)	1.46 (0.81–2.52)	3.56 (1.93–6.29)	6.28 (3.51–9.06)	3.37	5.06 (2.1–8.87)
	Full_Impact _{EUR} %	0.4 (0.2–0.9)	0.2 (0.02–0.4)	0.7 (0.3–1.1)	2.1	0.9 (0.1–1.2)
	Full_Impact _{RBU} %			2.5	2.0	1.0 (0.1–3.2)
Relative impact of long-range transport						
SO ₄ ²⁻ + OA	Relative_Impact _{EUR} %	2.9	2.2	2.9	2.8	2.7
	Relative_Impact _{RBU} %		3.3 (2.1–5.5)	3.8	3.3	3.7
Local 20 % anthropogenic emission perturbation impact						
SO ₄ ²⁻ + OA	$\frac{\Delta\text{PM}_{\text{EAS}}}{\text{PM}_{\text{BASE}}} \times 100 \%$	16.8	12.5	14.0	14.1	12