

| Models    | Base PM <sub>2.5</sub> ( $\mu\text{g m}^{-3}$ ) |       | EUR full impact ( $\mu\text{g m}^{-3}$ (%)) |             | RBU full impact ( $\mu\text{g m}^{-3}$ (%)) |             |
|-----------|---|-------|---|-------------|---|-------------|
|           | AAVG  | HAZE  | AAVG  | HAZE        | AAVG  | HAZE        |
| CHASER    | 20.46   | 47.73 | 0.23 (1.2)                                  | 1.00 (2.1)  | 0.29 (1.4)                                  | 0.99 (2.1)  |
| EMEP      | 17.35   | 29.34 | 0.05 (0.3)                                  | 0.11 (0.4)  | 0.23 (1.3)                                  | 0.61 (2.1)  |
| GCA*      | 25.47   | 28.03 | 0.12 (0.3)                                  | 0.29 (1.1)  | 0.35 (1.4)                                  | 0.86 (3.0)  |
| SPRINTARS | 17.45   | 24.80 | 1.00 (5.7)                                  | 2.58 (10.5) | 1.26 (7.2)                                  | 2.82 (11.4) |
| Ensemble  | 20.18   | 32.48 | 0.35 (1.7)                                  | 0.99 (3.1)  | 0.53 (2.6)                                  | 1.32 (4.1)  |