

## Chapter 1.5 - Key Categories

The table below shows the key category analysis for the current reporting year. Dominant source categories vary largely for different pollutants. The key category analysis was carried out in accordance with the EMEP/UNECE guidebook. Due to missing information on uncertainties, a tier 1 key category analysis was selected. Thus, the table gives “L” for category-pollutant combinations being key categories because of the high level of emissions. “T” indicates key categories resulting from trend analysis. Select any pollutant for more detailed results including calculated percentages. Categories are linked to their specific sections of the IIR.

| 1990/1995/2000 & 2018 |                 |                 |                 |       | Component |     |                  |                   |     |     |     |        |     |     |     |
|-----------------------|-----------------|-----------------|-----------------|-------|-----------|-----|------------------|-------------------|-----|-----|-----|--------|-----|-----|-----|
| Category Code         | SO <sub>x</sub> | NO <sub>x</sub> | NH <sub>3</sub> | NMVOC | CO        | TSP | PM <sub>10</sub> | PM <sub>2.5</sub> | Pb  | Hg  | Cd  | PCDD/F | PAH | HCB | BC  |
| 1.A.1.a               | L/T             | L/T             |                 |       | L         | L/T | L/T              | L/T               |     | L/T | L/T | L/T    |     | L   |     |
| 1.A.1.b               | L/T             |                 |                 |       |           |     |                  |                   |     |     | L/T |        |     |     |     |
| 1.A.1.c               | L/T             | L/T             |                 |       |           | L/T |                  |                   |     | L/T | L/T |        |     |     |     |
| 1.A.2.a               |                 | L/T             |                 |       |           |     |                  |                   |     |     |     |        |     |     |     |
| 1.A.2.f               |                 |                 |                 |       | L/T       |     |                  |                   |     |     |     |        |     |     |     |
| 1.A.2.g vii           |                 |                 |                 |       | L/T       |     | T                | L/T               |     |     |     |        |     |     | L   |
| 1.A.2.g viii          | L/T             | L               |                 |       |           | L/T |                  | L                 |     | L/T | T   | L/T    |     |     |     |
| 1.A.3.b i             |                 | L/T             |                 | L/T   | L/T       |     | L/T              | L/T               | L/T |     |     | L      |     |     | L/T |
| 1.A.3.b ii            |                 | L/T             |                 |       |           |     | L/T              | L/T               |     |     |     |        |     |     | L/T |
| 1.A.3.b iii           |                 | L/T             |                 |       |           |     | L/T              | L/T               |     |     |     |        |     |     | L/T |
| 1.A.3.b iv            |                 |                 |                 |       |           |     |                  |                   |     |     |     |        |     |     |     |
| 1.A.3.b v             |                 |                 |                 | L/T   |           |     |                  |                   |     |     |     |        |     |     |     |
| 1.A.3.b vi            |                 |                 |                 |       |           | L/T | L/T              | L/T               | L/T |     |     |        |     |     | L/T |
| 1.A.3.b.vii           |                 |                 |                 |       |           | L/T | L/T              | L/T               |     |     |     |        |     |     |     |
| 1.A.3.c               |                 |                 |                 |       |           | L   | L/T              | L/T               |     |     |     |        |     |     |     |
| 1.A.3.d ii            |                 | L               |                 |       |           |     | L/T              | L/T               |     |     |     |        |     |     |     |
| 1.A.4.a.i             | T               |                 |                 | L/T   | L/T       | L/T | L                | L                 | L/T |     |     | L/T    | L   |     |     |
| 1.A.4.b.i             | L/T             | L/T             |                 | L     | L         | L   | L/T              | L/T               |     |     |     | L      | L/T |     | L/T |
| 1.A.4.b ii            |                 |                 |                 |       | L/T       |     |                  |                   |     |     |     |        |     |     |     |
| 1.A.4.c ii            |                 | L               |                 |       |           |     | L                | L                 |     |     |     |        |     |     | L/T |
| 1.A.5.a               |                 |                 |                 | L/T   |           |     |                  |                   |     |     |     |        |     |     |     |
| 1.A.5.b               |                 | T               |                 |       |           |     |                  |                   |     |     |     |        |     |     |     |
| 1.B.1.a               |                 |                 |                 |       |           | L   | L                |                   |     |     |     |        |     |     |     |
| 1.B.1.b               |                 |                 |                 |       |           | L/T |                  |                   |     |     |     |        | L/T |     |     |
| 1.B.2.a.iv            |                 |                 |                 |       |           |     |                  |                   |     |     |     |        |     |     |     |
| Category Code         | SO <sub>x</sub> | NO <sub>x</sub> | NH <sub>3</sub> | NMVOC | CO        | TSP | PM <sub>10</sub> | PM <sub>2.5</sub> | Pb  | Hg  | Cd  | PCDD/F | PAH | HCB | BC  |
| 2.A.1                 |                 |                 |                 |       |           |     |                  |                   |     | L   |     |        |     |     |     |
| 2.A.3                 | T               |                 |                 |       |           |     |                  |                   |     |     |     |        |     |     |     |
| 2.A.5.a               |                 |                 |                 |       |           | L/T | L/T              | L                 |     |     |     |        |     |     |     |
| 2.A.5.b               |                 |                 |                 |       |           | L/T | L/T              |                   |     |     |     |        |     |     |     |
| 2.A.6                 |                 |                 |                 |       |           | L   |                  |                   |     |     |     |        |     |     |     |
| 2.B.2                 |                 | L/T             |                 |       |           |     |                  |                   |     |     |     |        |     |     |     |
| 2.B.10.a              | L/T             |                 |                 |       |           |     |                  |                   |     | T   |     |        |     |     |     |
| 2.C.1                 | L/T             | T               |                 |       | L/T       | L/T | L/T              | L/T               | L/T | L   | L/T | L/T    |     |     |     |
| 2.C.3                 |                 |                 |                 |       |           |     |                  |                   |     |     |     |        | T   | L/T |     |
| 2.C.7.a               |                 |                 |                 |       |           |     |                  |                   | L   |     | L/T |        |     |     |     |
| 2.D.3.a               |                 |                 |                 | L/T   |           |     |                  |                   |     |     |     |        |     |     |     |
| 2.D.3.d               |                 |                 |                 | L/T   |           |     |                  |                   |     |     |     |        |     |     |     |
| 2.D.3.e               |                 |                 |                 | L     |           |     |                  |                   |     |     |     |        |     |     |     |
| 2.D.3.g               |                 |                 |                 | L/T   |           |     |                  |                   |     |     |     |        |     |     |     |
| 2.D.3.h               |                 |                 |                 | L/T   |           |     |                  |                   |     |     |     |        |     |     |     |
| 2.D.3.i               |                 |                 |                 | L/T   |           |     |                  |                   |     |     |     |        |     |     |     |
| 2.G                   |                 |                 |                 |       |           | L   | L                | L/T               | L/T |     | L   |        |     |     |     |
| 2.L                   |                 |                 |                 |       |           | L/T | L/T              | L/T               |     |     |     |        |     |     |     |

| Category Code | SOx | NOx | NH3 | NMVOC | CO | TSP | PM10 | PM2.5 | Pb | Hg | Cd | PCDD/F | PAH | HCB | BC |
|---------------|-----|-----|-----|-------|----|-----|------|-------|----|----|----|--------|-----|-----|----|
| 3.B.1.a       |     |     | L   | L/T   |    |     |      |       |    |    |    |        |     |     |    |
| 3.B.1.b       |     |     | L/T | L/T   |    |     |      |       |    |    |    |        |     |     |    |
| 3.B.3         |     |     | L/T |       |    | L/T |      |       |    |    |    |        |     |     |    |
| 3.B.4.g.i     |     |     |     |       |    | L   |      |       |    |    |    |        |     |     |    |
| 3.D.a.1       |     | L/T | L/T |       |    |     |      |       |    |    |    |        |     |     |    |
| 3.D.a.2.a     |     | L/T | L/T |       |    |     |      |       |    |    |    |        |     |     |    |
| 3.D.a.2.c     |     | T   | L/T |       |    |     |      |       |    |    |    |        |     |     |    |
| 3.D.c         |     |     |     |       |    | L/T | L/T  |       |    |    |    |        |     |     |    |
| 3.D.f         |     |     |     |       |    |     |      |       |    |    |    |        |     | L/T |    |
| Category Code | SOx | NOx | NH3 | NMVOC | CO | TSP | PM10 | PM2.5 | Pb | Hg | Cd | PCDD/F | PAH | HCB | BC |
| 5.C.2         |     |     |     |       |    |     | L    | L     |    |    |    |        |     |     |    |
| 5.E.2         |     |     |     |       |    |     |      | L/T   |    |    |    | L/T    |     |     |    |