



## 2.B.6 - Titanium Dioxide Production

### Short description

| Category Code | Method          |                 |                 |       |    | AD |    |    |    |      | EF  |     |     |                  |                   |
|---------------|-----------------|-----------------|-----------------|-------|----|----|----|----|----|------|-----|-----|-----|------------------|-------------------|
| 2.B.6         | T3              |                 |                 |       |    | ?  |    |    |    |      | ?   |     |     |                  |                   |
| Key Category  | SO <sub>2</sub> | NO <sub>x</sub> | NH <sub>3</sub> | NMVOC | CO | BC | Pb | Hg | Cd | Diox | PAH | HCB | TSP | PM <sub>10</sub> | PM <sub>2.5</sub> |
| 2.B.6         | ?               | -               | -               | -     | -  | -  | -  | -  | -  | -    | -   | -   | -   | -                | -                 |

In **NFR 2.B.6**, SO<sub>2</sub> emissions from the production of titanium dioxide are reported.

### Methodology

For the **production of titanium dioxide**, the producers report the sum of all SO<sub>2</sub>-emissions. As these emissions are confidential, they are included in the respective emissions reported for **sulphuric acid production**.

### Recalculations

For SO<sub>2</sub> emissions from the production of **titanium dioxide** and **sulphuric acid**, estimates reported for the *second-last year* of the time series are routinely actualised by the producers. Furthermore, original emissions for the *last year of the time series* are not yet available at the time the inventory is compiled. Here, the reported values represent a prediction and are therefore updated with each new submission, too.

For Titandioxid production there is a small recalculation for the 2015 and 2016, because of technical problems with the data transfer.



For pollutant-specific information on recalculated emission estimates for Base Year and 2018, please see the pollutant specific recalculation tables following [chapter 8.1 - Recalculations](#).

### Planned improvements

In the NEC Review Germany was requested to calculate emissions of NO<sub>x</sub>, CO and TSP from titan dioxid production. Germany tries to collect the data needed to calculate these emissions.

For the Key Category Analyses the emissions of SO<sub>x</sub> from TiO<sub>2</sub> production are wrongly allocated to 2B10a. Germany plans to reallocate these emissions in the next submission back to TiO<sub>2</sub>.