

## 2.B.7 - Soda Ash Production

### Short description

| Category Code | Method          |                 |                 |        |    | AD |    |    |    |      | EF  |     |     |                  |                   |
|---------------|-----------------|-----------------|-----------------|--------|----|----|----|----|----|------|-----|-----|-----|------------------|-------------------|
| 2.B.7         | T1              |                 |                 |        |    | NS |    |    |    |      | C   |     |     |                  |                   |
| Key Category  | SO <sub>2</sub> | NO <sub>x</sub> | NH <sub>3</sub> | NM VOC | CO | BC | Pb | Hg | Cd | Diox | PAH | HCb | TSP | PM <sub>10</sub> | PM <sub>2.5</sub> |
| 2.B.7         | -               | -               | -/-             | -      | -  | -  | -  | -  | -  | -    | -   | -   | -/- | -                | -                 |

In Germany, soda ash is produced in three production facilities, all of which use the Solvay process.

### Methodology

#### Activity data

The Federal Statistical Office determines the total amounts of soda ash produced in Germany, but only regarding confidentiality.

#### Emission factor

Emission factors (for TSP and NH<sub>3</sub>) are confidential regarding activity data restrictions.

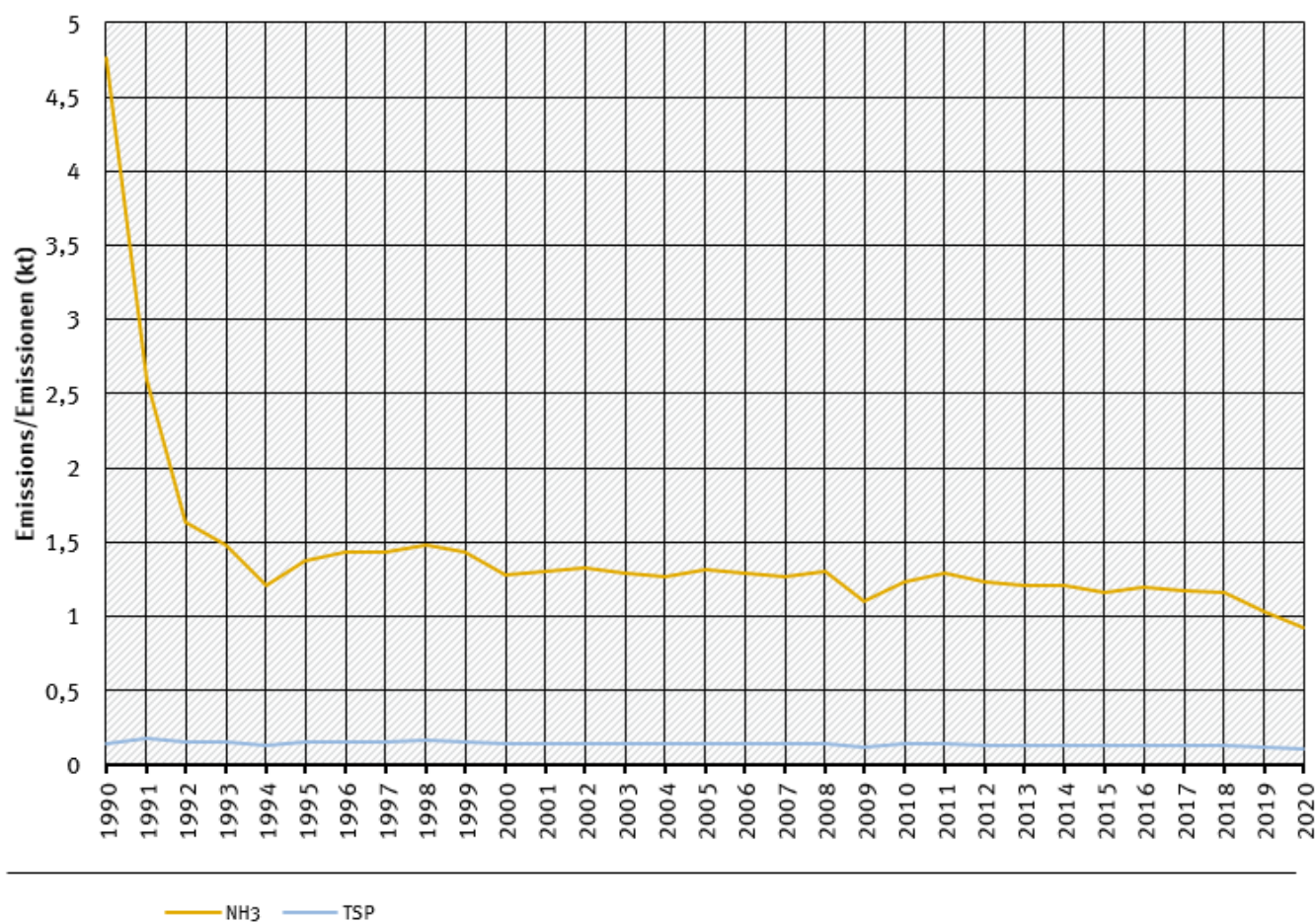
#### Discussion of emission Trends

The steep reduction especially for NH<sub>3</sub>, at the beginning of the 1990s was due to closures in the eastern German industrial sector. For year 1990 for eastern Germany is in case of TSP pointed out the summary figure for the Chemical Industry as a whole. However, after 1992, emissions of NH<sub>3</sub>, occur at a lower level.

All trends in emissions correspond to trends of emission factors in table above. No rising trends are to identify.

## trends of emissions of soda industry

Emissions by pollutant / Emissionen nach Schadstoff



\* Base Year for PM = 1995 / Basisjahr für Feinstäube (PM) ist 1995

Source: German Emission Inventory (03.12.2021)

### Emission trends in NFR 2.B.7

#### Recalculations

With EF and AD remaining unrevised, recalculations were not necessary.

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

#### Planned improvements

At the moment, no category-specific improvements are planned.