



Germany's new Technical Instruction on Air

Katja Kraus

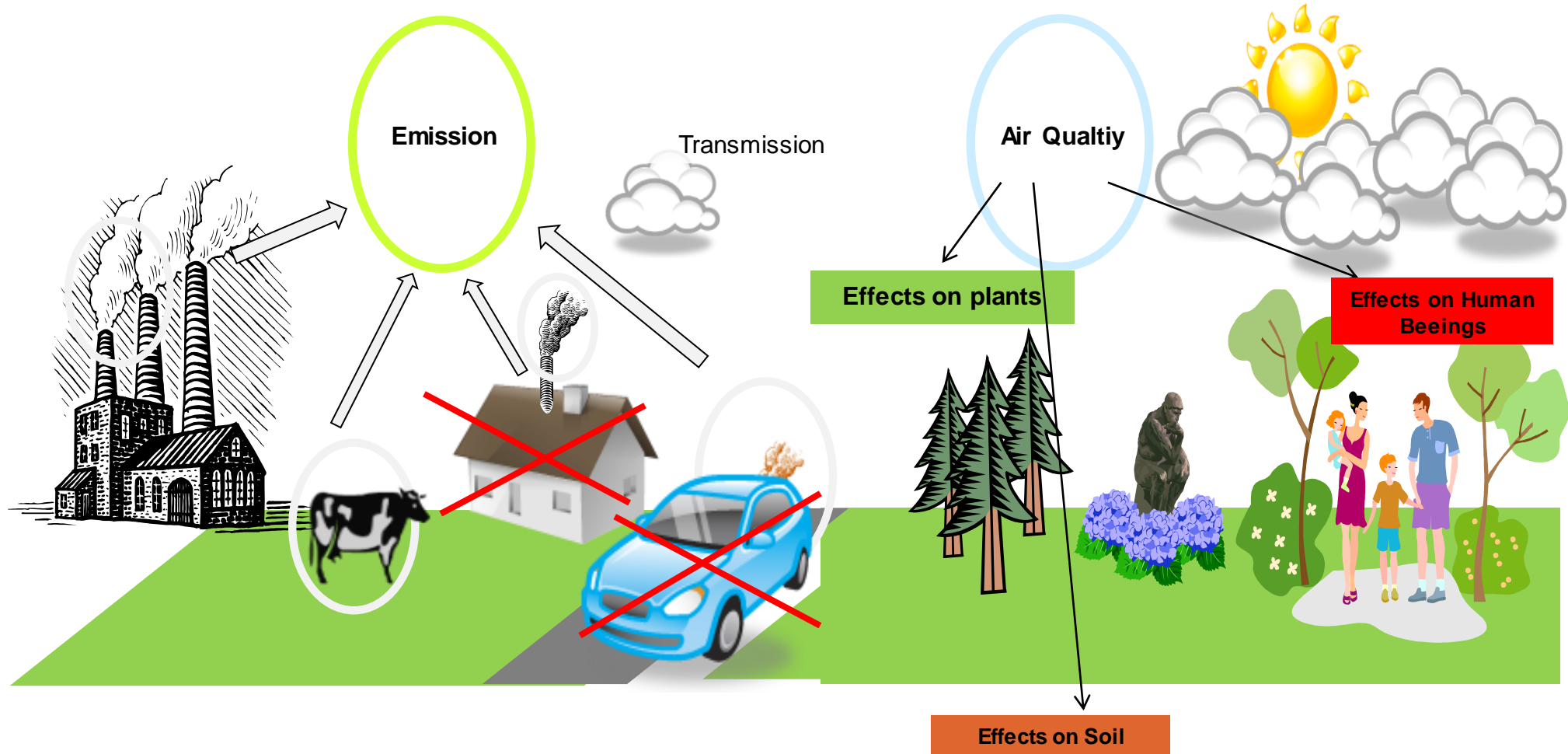
Federal Ministry for the Environment,
Nature Protection and Nuclear Safety
Germany

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What is the TA LUFT?

- Technical Instructions on Air Quality Control
 - First General Administrative Regulation on the Federal Immission Control Act (BImSchG)
 - Basis for uniform national principles for the administrative procedure, decision making, assessment standards for installations requiring licensing
 - Applied on 50.000 installations in Germany
 - Summary of scientific findings on what is state of the art (BAT)
 - Conditions to be fulfilled prior to construction or operation of installations





General Structure of TA Luft

1. Scope of Application
2. Definitions and Units of Measurement
3. General Principles for Licensing, Preliminary Decisions and Permissions for Early Start
4. Requirements for the Protection against Harmful Effects on the Environment
5. Requirements to Provide Precautions against Harmful Effects on the Environment
 - 5.1 General information
 - 5.2 General Requirements to Emission Limits
 - 5.3 Measuring and Monitoring Emissions
 - 5.4 Special Provisions for Certain Types of Facilities
 - 5.5 Waste Gas Disposal
6. Subsequent Orders (Rehabilitation/Refurbishment of Existing Installations)
7. Repeal of Regulations
8. Coming into Force



What is new? (1)

- Inclusion of BAT Conclusions from many EU BREF documents
- Inclusion of new sectors or subsectors
 - Biogas-, wood pellet and shredder plants
- Farming sector
 - Large installations for rearing pigs and poultry – reduction of ammonia and PM by 70%
 - Animal welfare-friendly stables were given special consideration and privileges
- Inclusion of the Odour Immission Guideline (GIRL)
- the inclusion of a de minimis threshold for eutrophying and acidifying substances, up to which a more in-depth consideration of nature conservation aspects is dispensable



What is new? (2)

- New ELV for PM for large installations (0.4 kg/h) **10 mg/m³**
- New ELV for Hg **0,01 mg/m³**
- New regulation of Formaldehyde or **5 mg/m³**
ELVs depending of sector
 - e.g. for production of glass fibres or mineral fibres **10 mg/m³**
 - asphaltting plants **15 mg/m³**
- Regulation of minimum heights for chimneys using an online tool for calculation
 - Basis for for calculation of dispersion modelling for air quality forecast (permitting procedure)
- Check of substances with carcinogenic, reprotoxic and mutagenic properties -> Reclassification



TA Luft comes into force on 1. December 2021.

Online available from 1. December 2021 on www.juris.de in German language.

Thank you for your attention!

Contact: katja.kraus@bmu.bund.de