

Responsible for content

Lead Editors: Michael Kotzulla, Kevin Hausmann

Illustrations: Kristina Juhrich, Michael Kotzulla

Chapter	Contact persons
Executive Summary	Tobias Vosen
1 - Introduction	Christian Boettcher, Patrick Gniffke, Michael Kotzulla
1.1 - Inventory Background	Tobias Vosen
1.2 - Institutional arrangements	Dirk Günther, Tobias Vosen
1.3 - Inventory Preparation Process	Kevin Hausmann
1.4 - Methods and Data Sources	Christian Boettcher, Michael Kotzulla
1.5 - Key source analysis	Christian Mielke
1.6 - QA/QC and Verification Methods	Stephan Schiller
1.7 - General Uncertainty Evaluation	Kevin Hausmann
1.8 - Assessment of completeness	Tobias Vosen
2 - Explanation of Key Emission Trends	Tobias Vosen, Michael Kotzulla
3 - Energy	Christian Boettcher, Kristina Juhrich, Michael Kotzulla, Sebastian Plickert (1.A.1.c)
- Stationary Fuel Combustion	Özge Can, Kristina Juhrich, Sebastian Plickert
- Mobile Fuel Combustion	Michael Kotzulla
- Fugitive Emissions from Fuels	Christian Boettcher
4 - Industrial Processes and Product Use	Robert Kludt, Sebastian Plickert, Christian Lehmann, Almut Reichart, Jens Reichel
- Mineral Industry (2.A)	Robert Kludt
- Chemical Industry (2.B)	Jiexia Zheng, Christian Boettcher, Robert Kludt
- Metal Production (2.C)	Sebastian Plickert, Christian Lehmann, Jens Reichel
- Other Solvent and Product Use (2.D)	Robert Kludt, Jens Reichel
- Other Product Use (2.G)	Jens Reichel, Michael Kotzulla
- Other (Pulp & Paper, Food) (2.H)	Almut Reichart (2.H.1), Uli Gromke (2.H.2)
- Wood Processing (2.I)	Robert Kludt
- Production of POPs (2.J)	Ulrike Döring
- Consumption of POPs and Heavy Metals (2.K)	Ulrike Döring
- Other Production: Bulk products (2.L)	Michael Kotzulla
5 - Agriculture	Cora Vos & Claus Roesemann (Thuenen Institute of Climate-Smart Agriculture)¹⁾, Ulrike Döring
6 - Waste	Robert Kludt, Stephan Schiller
- Solid Waste Disposal on Land (5.A)	Kathrin Brand, Stephan Schiller
- Composting & Anaerobic digestion at biogas facilities (5.B)	Tim Hermann, Stephan Schiller
- Open Burning of Waste (5.C.2)	Robert Kludt
- Domestic & Commercial Wastewater Handling (5.D.1)	Kai Kessler, Stephan Schiller
- Industrial Wastewater Handling (5.D.2)	Ulrich Gromke, Stephan Schiller
- Other Waste: Mechanical-biological Treatment of Waste (5.E.1)	Kathrin Brand, Stephan Schiller
- Car Fires (5.E.2)	Robert Kludt
7 - Other (anthropogenic) emission sources	
- Emissions from human re- and transpiration (6.A.1) and pets (6.A.2)	Ulrike Döring, Jana Niebuhr
8 - Natural emission sources	
- Forest Fires (11.B)	Katja Oehmichen & Wolfgang Stuermer (Thuenen Institute of Forest Ecosystems) ²⁾
- Other Natural Sources (11.C)	Jana Niebuhr, Kevin Hausmann
9.1 - Recalculations	Michael Kotzulla
9.2 - Improvements	Tobias Vosen, Michael Kotzulla
10 - Projections	Andreas Eisold, Kevin Hausmann

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11.1 - Point Sources & 11.2 - Gridded Data	Kevin Hausmann, Stefan Feigenspan, Theo Wernicke
12 - Adjustments	Tobias Vosen (co-ordinator)
Appendices	Michael Kotzulla, Christian Mielke

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¹⁾ Thuenen Institute of Climate-Smart Agriculture (TI AK): <https://www.thuenen.de/en/institutes/climate-smart-agriculture>

²⁾ Thuenen Institute of Forest Ecosystems (TI WO): <https://www.thuenen.de/en/institutes/forest-ecosystems>