

Für Mensch & Umwelt
Training.

Data access and emission inventory in the Transport sector

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How to stabilize data flow:
insights in the German institutional arrangements

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Content



Introduction to the Network of the German National System

- What is it about?
- How is this organized?
- How does it work?

Details on the Institutional Arrangements for data supply and Quality Management

- Arrangements regarding official statistics
- Cooperation agreements and voluntary commitments
- Dealing with confidential data
- Data sources for mobile emission sources

WHAT IS IT ABOUT?
A MULTI-PURPOSE SYSTEM

Introduction: What is it about?

One System for multiple reporting



Introduction: What is it about?

Country specific implementation of the institutional arrangements in Germany

**Agreement by State Secretaries on the
National System in June 2007**

**Obligatory usage of
existing data flows**

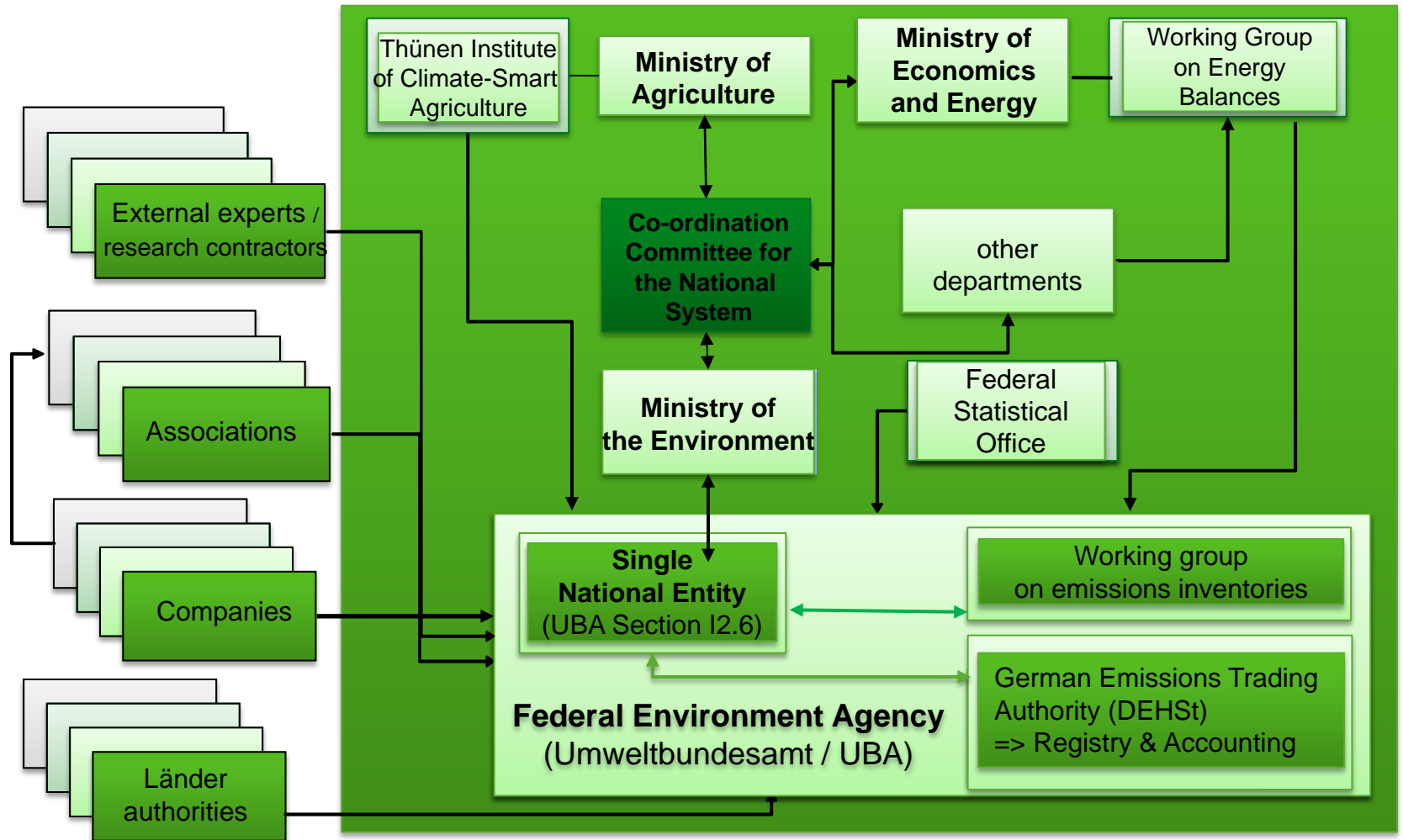
**Co-operation
Agreements**

HOW IS THIS ORGANIZED?

3 LEVELS OF A MULTI-LAYER NETWORK

Introduction: How is this organized?

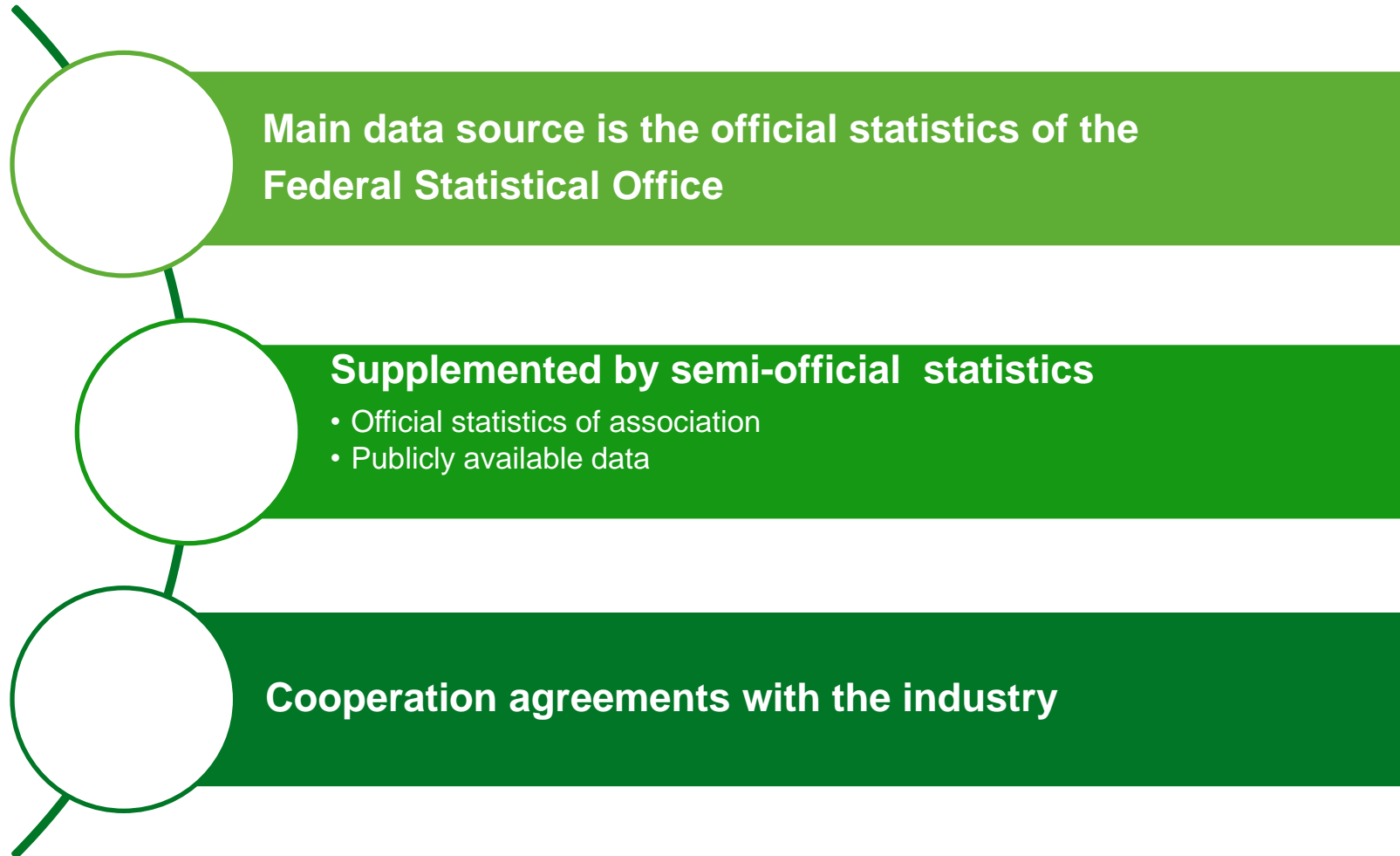
Networking for a successful inventory building: The German National System on Emissions (NaSE)



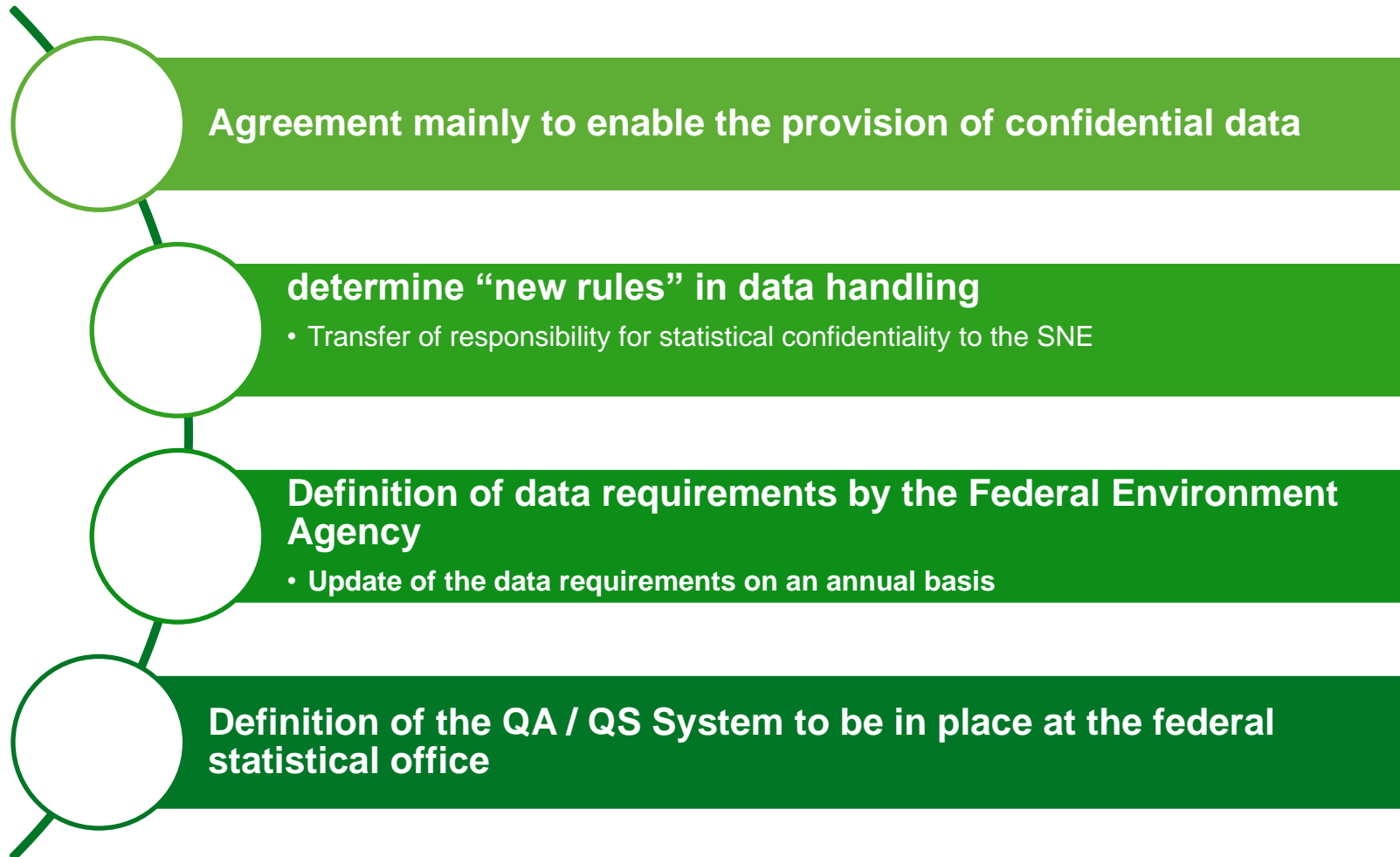
HOW DOES IT WORK?

**THE MANAGEMENT OF
THE NATIONAL SYSTEM**

Details on the Institutional Arrangements: Make use of existing data flows



Details on the Institutional Arrangements: Administrative Agreement with the Federal Statistical Office



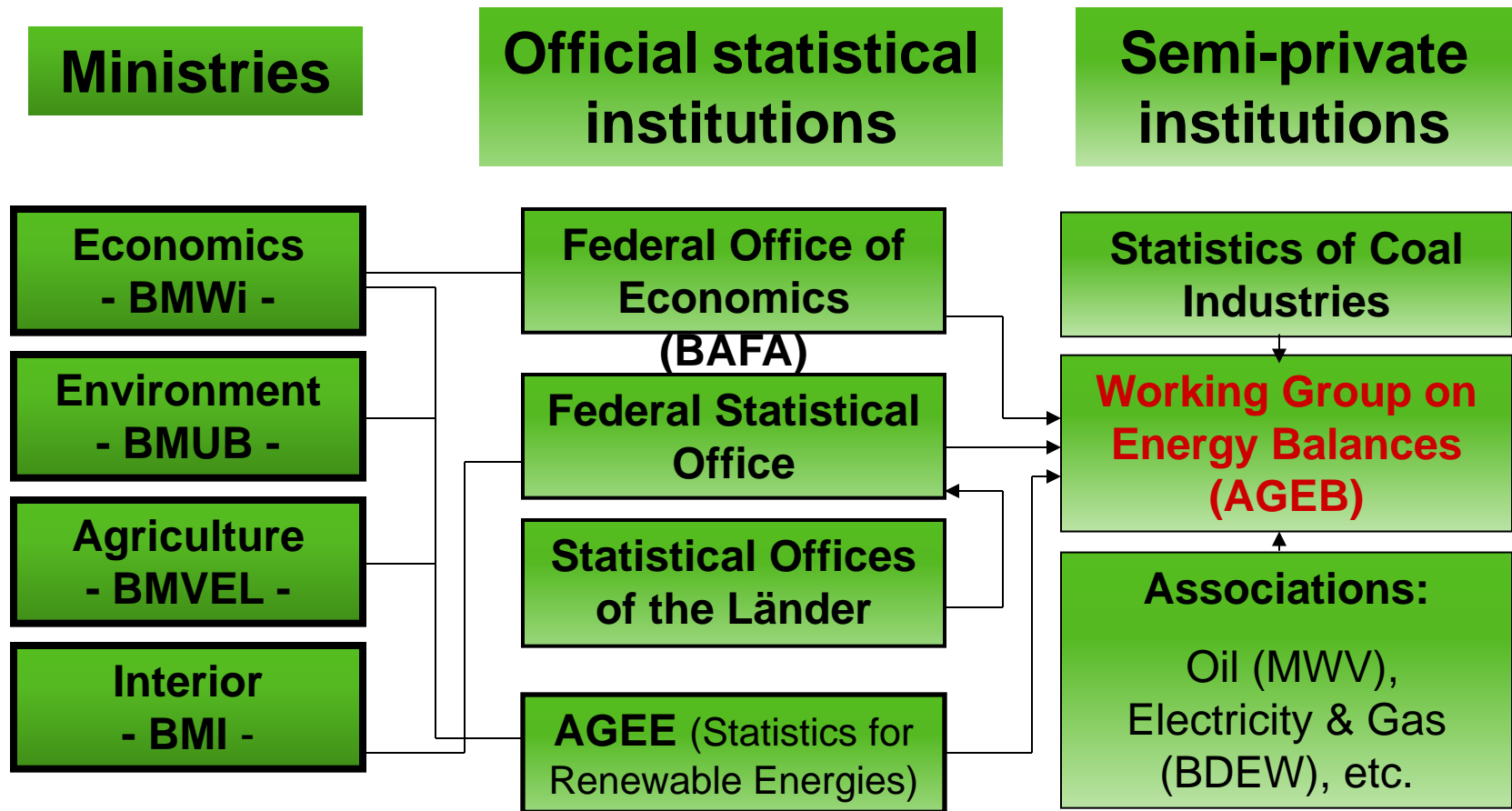
The energy balances in Germany are compiled by a non-governmental institution

The „Working Group on Energy Balances“ (Arbeitsgemeinschaft Energiebilanzen e.V. - AGEB -), founded in 1971.

So there is an experience since almost 40 years.

Members of the AGEB are four associations of the energy industry (with two supporting associations) and four research institutes.

Details on the Institutional Arrangements: Organizations Involved in Energy Statistics



3rd Level: Co-operation agreements with industry

several case specific co-operation agreements with business association and enterprises



mainly in the IPPU



enabling reporting according to TIER 3 methods

Details on the Institutional Arrangements: Cooperation Agreements with enterprises and business associations

Codified Cooperation Agreements

- **preferred form of cooperation with the private sector**
- **Agreements with 5 business association and 3 enterprises**
- **establish details on the cooperation, data provision, QA/QC information and contact information**

Voluntary Commitments

- **early model of cooperation with the private sector**
- **discontinued model: successive replacement by formal cooperation agreements**
- **Associations commit themselves to provide annually activity data**
- **Information on QA/QC are not settled, but were provided separately**

Inventory Management: Dealing with confidential data

Emissions are in general NOT confidential. However, activity data and emission factors may be confidential



Storage and usage of data requires special procedures to protect confidentiality and assure completeness of inventories

Strict separation of analysis and enforcement

Restricted access to these data



SNE has taken a range of measures to fulfil these requirements

Codification in a confidentiality concept

Detailed user rights management in the database

Restricted access to stored information

Activity data sources for Mobile Sources

- generally: AD from National Energy Balance (NEB)
or underlying statistics (Official Mineral Oil Data, AMS)
 - thereof used directly
 - NEB line 62 – Straßenverkehr → **CRF 1.A.3.b – Road Transport**
 - NEB line 61 – Schienenverkehr → **CRF 1.A.3.c – Railways**
 - NEB line 66 – Haushalte → **CRF 1.A.4.b ii – Residential – Off-Road Vehicles & Other Machinery**
- and
- AMS fuel deliveries „an das Militär“ → **CRF 1.A.5.b – Other – Mobile: Military**
- all other sub-categories:

primary AD (PAD) available from NEB, but additional breakdown needed

Thank you very much for your attention

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Responsibilities of the Single National Entity

**serve as Central
Focal Point for
ALL inventory and
reporting issues**

**assure and
coordinate
information and
data flow**

**set up Framework
of inventory
planning**

**determine
standards**

**assure Central
documentation**

**assure Central
archiving**

**initiate & assure
inventory
improvement
(QA/QC)**

**coordinate
inventory issues
for review**

Introduction: How is this organized?

2nd Level: the Co-ordination Committee of the Federal Ministries

