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A Sectoral and Integrated Approach to Solve the Nitrogen Problem

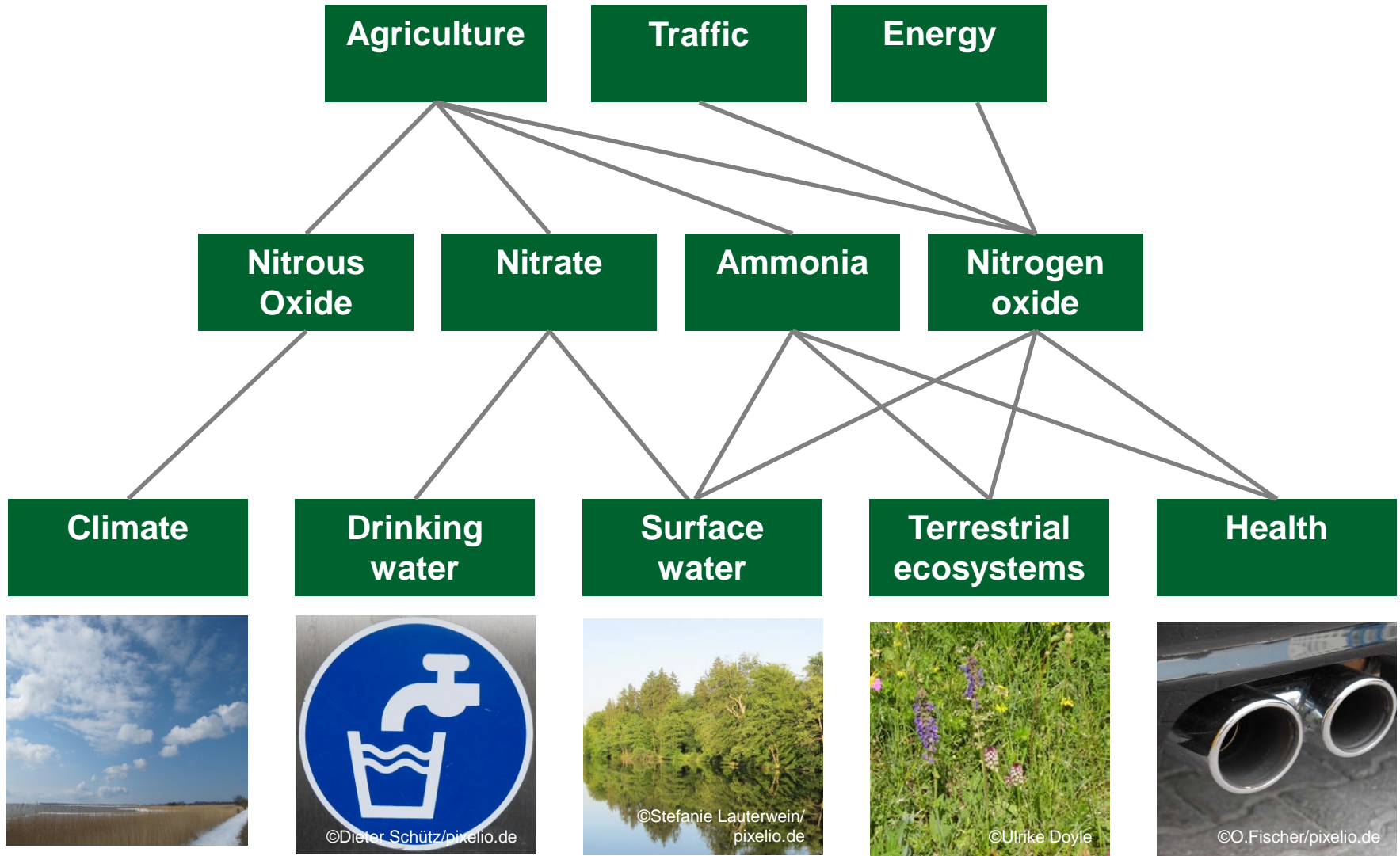


Dr Elisabeth Schmid

German Advisory Council on the Environment (SRU) · Berlin

Reactive Nitrogen

Main polluters and effects



- **Environmental administration: Fragmented regulations and responsibilities**
 - Synergies are not looked at
 - Policy coherence is lacking
 - Risk of pollution swapping

- **Sectoral administration: environmental aspects are not sufficiently prioritized**

- ➔ **Institutional tool needed to promote integrated view**

Integrated Nitrogen Strategy

Long-term goal beyond 2030

Guiding principles

- Reduce background pollution
- Reduce hot-spots
- Ensure local protection of ecosystems
- Protect little polluted areas

Overall reduction target

Fields of action

Sector-specific reduction targets and timelines

Monitoring performance and progress

Action Programme

Two approaches necessary:
Top-down & bottom-up

Reference to existing indicators & develop new ones

An efficient strategy needs....

- **High level ownership or lead**
- **Horizontal integration** (environment, agriculture, transport, industry)
- **Vertical integration** (federal states, national, EU)
- **Coordination of existing nitrogen policies**
- **Integration of stakeholders**
- **Independent working group of experts and interest groups**
- **Communication to the public**

Germany: Towards a national nitrogen strategy?

Federal Ministry for the Environment

- Development of a nitrogen strategy included in Integrated Environmental Programme (2016)
- Stakeholder dialogues on nitrogen in 2016
- Current research project: deriving an integrated nitrogen target for Germany

German Federal Government

- First Nitrogen Report released in May 2017
- ➔ Important step, but action programme needs to be developed now**



Thank you for your attention!

Elisabeth.Schmid@umweltrat.de

www.umweltrat.de

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