

clean air farming

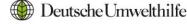
Reducing Ammonia and Methane Emissions from Agriculture

LUNCH TALK

How rural/agricultural emissions also effect urban citizens!

Jens Hürdler / Christine Hellerström Bratislava, 27 November 2019

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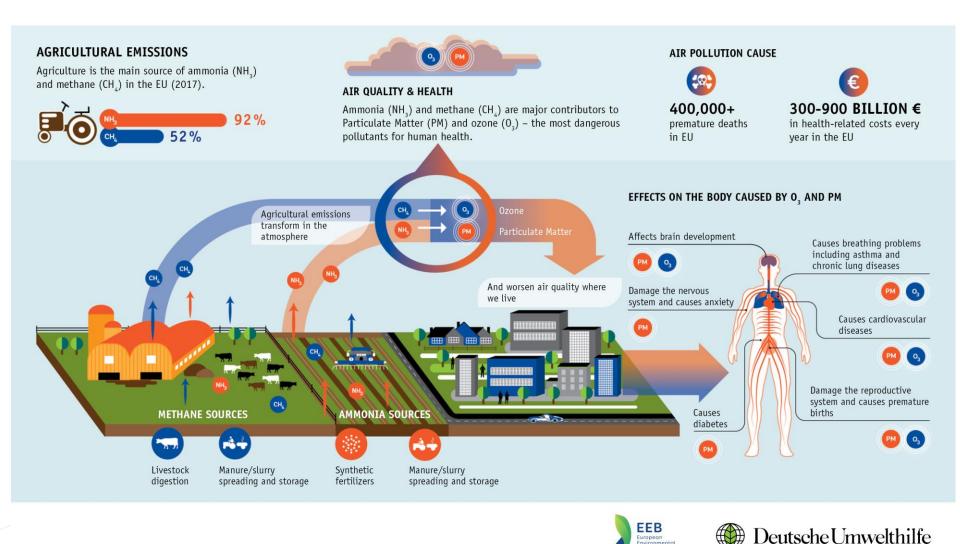




Paris in Spring

HOW AGRICULTURAL EMISSIONS **AFFECT OUR HEALTH**

The agricultural sector is an important source of air pollution.



European Environmental



Cost-effective measures to reduce both ammonia <u>and</u> methane emissions

- Feeding strategies > reduction of crude protein content
- Improved storage of manure and digestates
- Low-emission techniques for spreading farm manure
- Neutralizing of slurry
- Optimization of nitrogen management
- Grazing cattle
- Increasing of biogas production of manure







230.000

Participation on the side of consumption and retail

- Meat and dairy from 230.000 cows is wasted in Germany every year^{*})
- Less waste + less consumption + less production^{*)}

=> NEC target + Paris Agreement

*) Food needs to have a high value to sustain living for farmers



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*) Heinrich-Böll-Stiftung, Fleischatlas 2014



Political activities

Europe needs to act

- NH₃ emissions have increased in the EU since 2013
- EC expects 13 member states to fail their NH₃ NERC in 2020
- Only 8 member states proposed additional measures to comply with NH₃ in 2020

Goal: Strengthening the role of civil society during legislative procedures

• NAPCPs according NEC-Directive; 10 MS did not submit yet

List of NAPCPs: <u>https://ec.europa.eu/environment/air/reduction/NAPCP.htm</u>

- New Common Agricultural Policy
- Potential review process of Gothenburg Protocol



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Engagement of stakeholders

- Food retailers to promote the stop of food waste
- Round tables with food standards
- Round tables with German farmers' associations
- Expert talk with responsible actors of agricultural education
- Expert talks with decision makers on NAPCPs; e.g. Debunk the myth that animal wellfare and emission reduction are conflicting objectives



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Thanks for your attention!

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