



# Assessment of emission factors for different dairy cattle housing systems in Germany – Measurement approach and first results

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Emission data is needed for:

- the **national inventory**
- **authorization processes** – e. g. animal friendly housing systems with outdoor access/yard
- **data platform** with emission factors from livestock

- **housings systems:**

- dairy cattle: naturally ventilated systems with and without grazing

- fattening pigs: naturally ventilated with outdoor access/yard

- **measurments:**

- 4 practice barns for each housing system

- **emissions:**

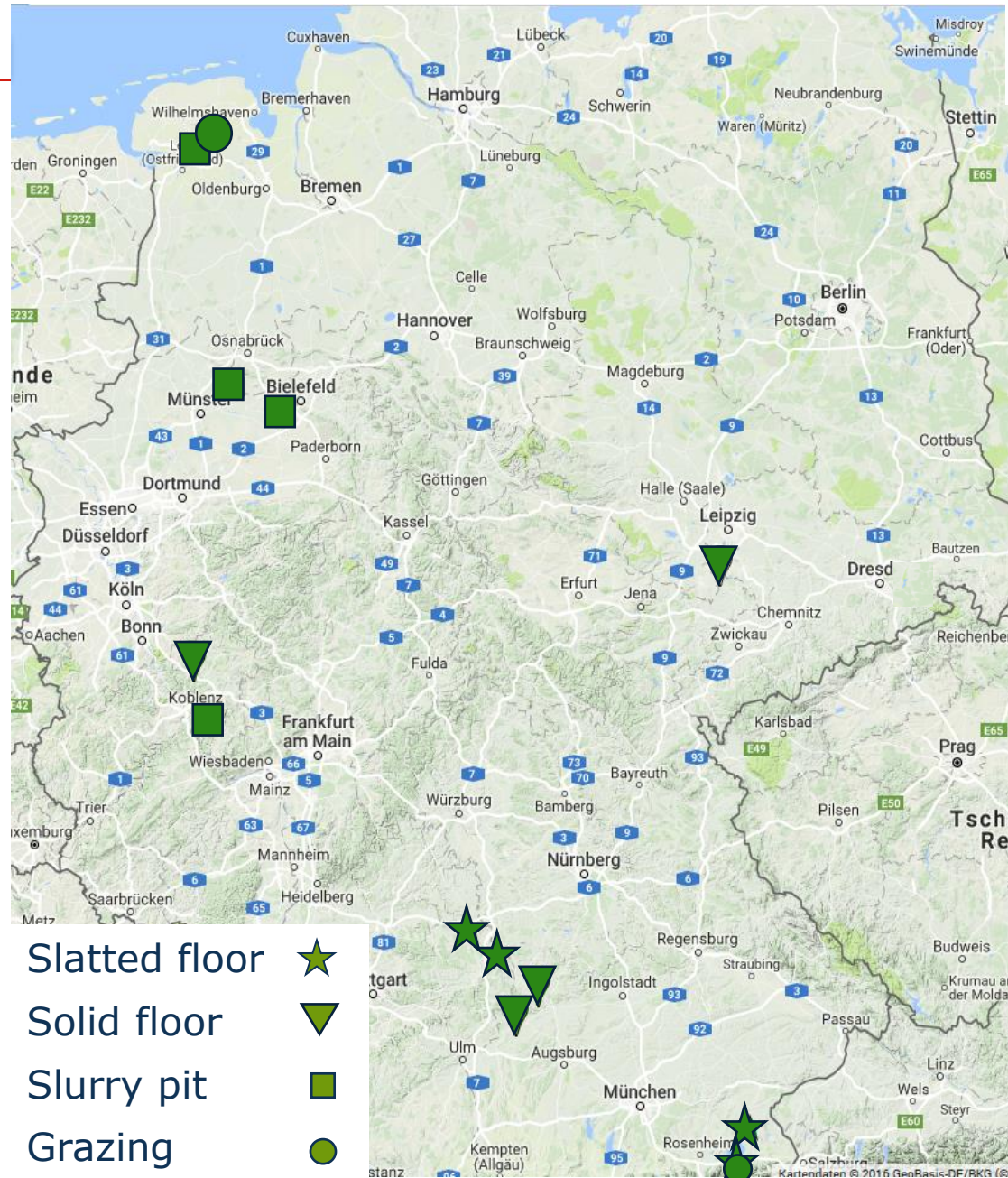
- $\text{NH}_3$ ,  $\text{CH}_4$ ,  $\text{N}_2\text{O}$ , dust, odour

- **measurement duration:**

- Measurements will be carried out during six weekly periods throughout one year at each location.

# Where

4 different types of dairy cattle housing





## First results and more information: poster no. 42



**Thank you for your attention**