



Nederlandse Voedsel- en
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Ministerie van Landbouw,
Natuur en Voedselkwaliteit



Inspections and Samples: Risk Based versus Random – Phase 2



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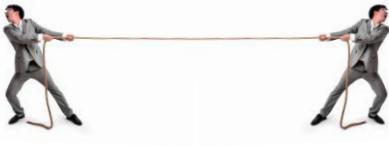
57th EFSA Focal Point meeting – 13.02.2025

Background

What challenges do we face?



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Advantages of representative data

- Unbiased
- Suitable for parameter estimates
- No „blind spots“

Advantages of risk-based data

- Efficient (when detection oriented)
- Focus on high-risk units;
- decreased inspection burden for low-risk units

Problem:

**What to do when both representative and risk-based goals
are of interest?**

Efficiency + Inference (risk factor validation, prevalence estimates etc.)

Goals of Phase 1

Project year 2023



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- Assess the current situation regarding the use of risk-based and random controls at AGES and NVWA
- Review the literature on the topic of combining risk-based and random controls
- Develop approaches to
 - **“Recovery”:**
re-use data from risk-based controls for representative purposes
 - **“Allocation”:**
split controls into separate random and risk-based samples and allocate resources based on objective criteria

Phase 2

04/2024-03/2025



Communication of methods to other MS

Application of methods to practical use cases

Continue development of methods

Half-day Webinars:

- 25.03.2024
- 13.05.2024

Physical Symposium in Vienna, 17.-19.09.2024



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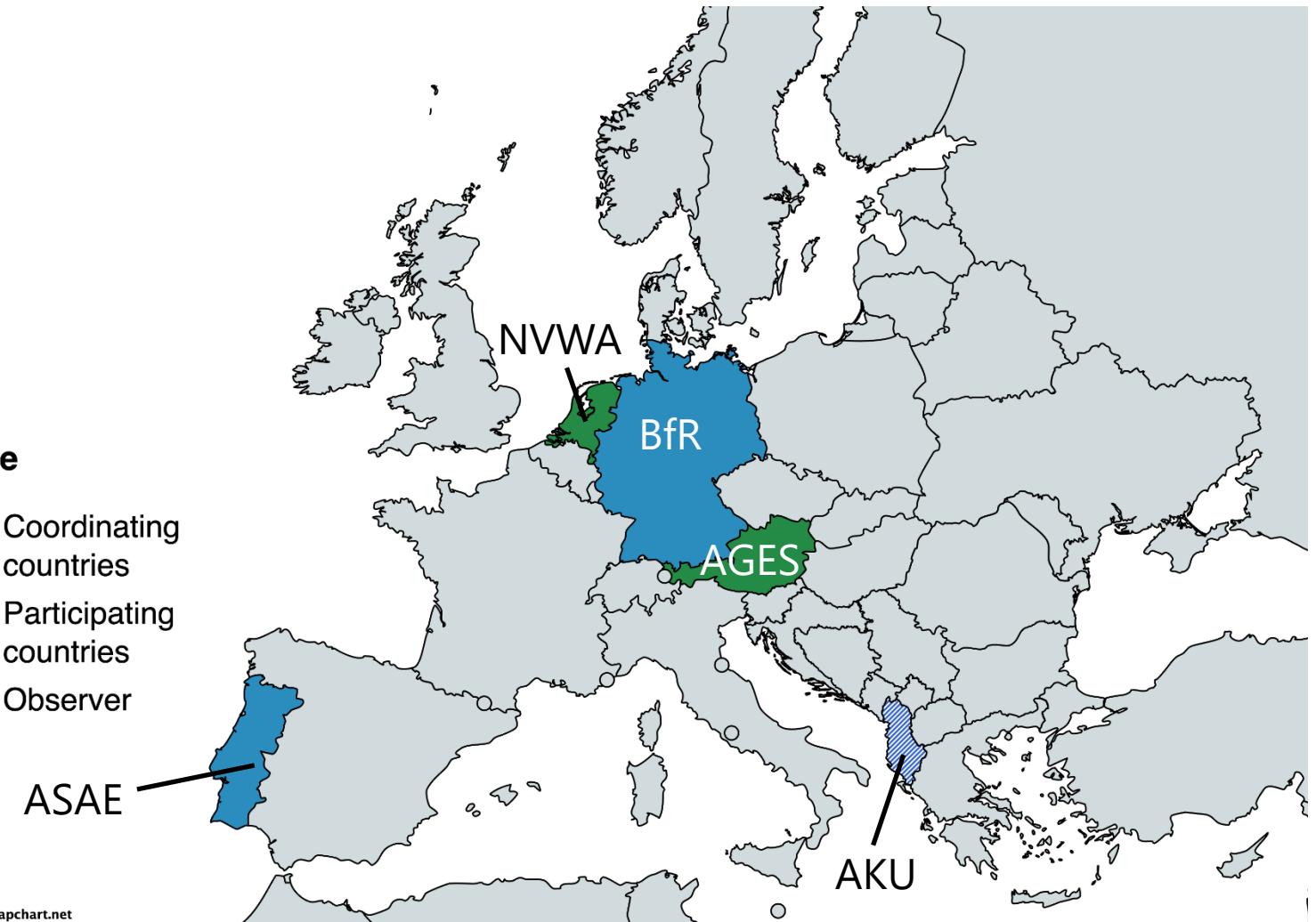


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- Continue development of methods

Role

- Coordinating countries
- Participating countries
- Observer

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Phase 2

04/2024-03/2025



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Use cases:

- ASAE: National food sampling plan
- BfR: Representative use of data from German food monitoring
- AKU: Food business operator controls
- AGES: Animal welfare controls
- NVWA: Inspections of locations for tattooing and piercing

Phase 2

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Research topic:

Combining allocation and recovery

Next steps



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- We would like to continue working on the topic
 - Seeking alternative funding sources
 - Open to suggestions and recommendations

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