



Nederlandse Voedsel- en
Warenautoriteit
*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



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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



Phase 2

04/2024-03/2025






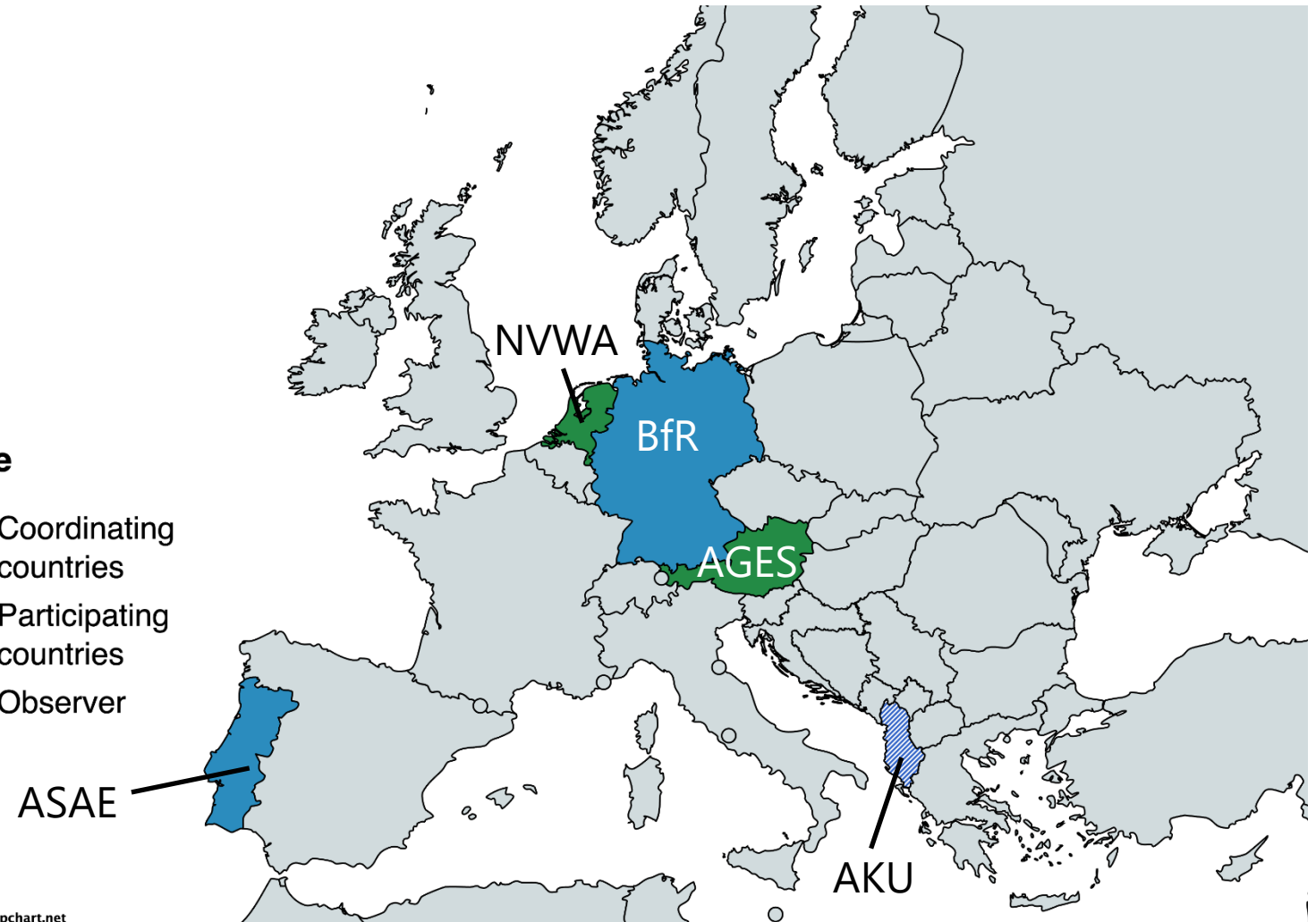
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- Communication of methods to other MS
- Application of methods to practical use cases
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Role

-  Coordinating countries
-  Participating countries
-  Observer



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

04/2024-03/2025



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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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