

Stiftung Tierärztliche Hochschule Hannover
University of Veterinary Medicine Hannover, Foundation



Insects for feed

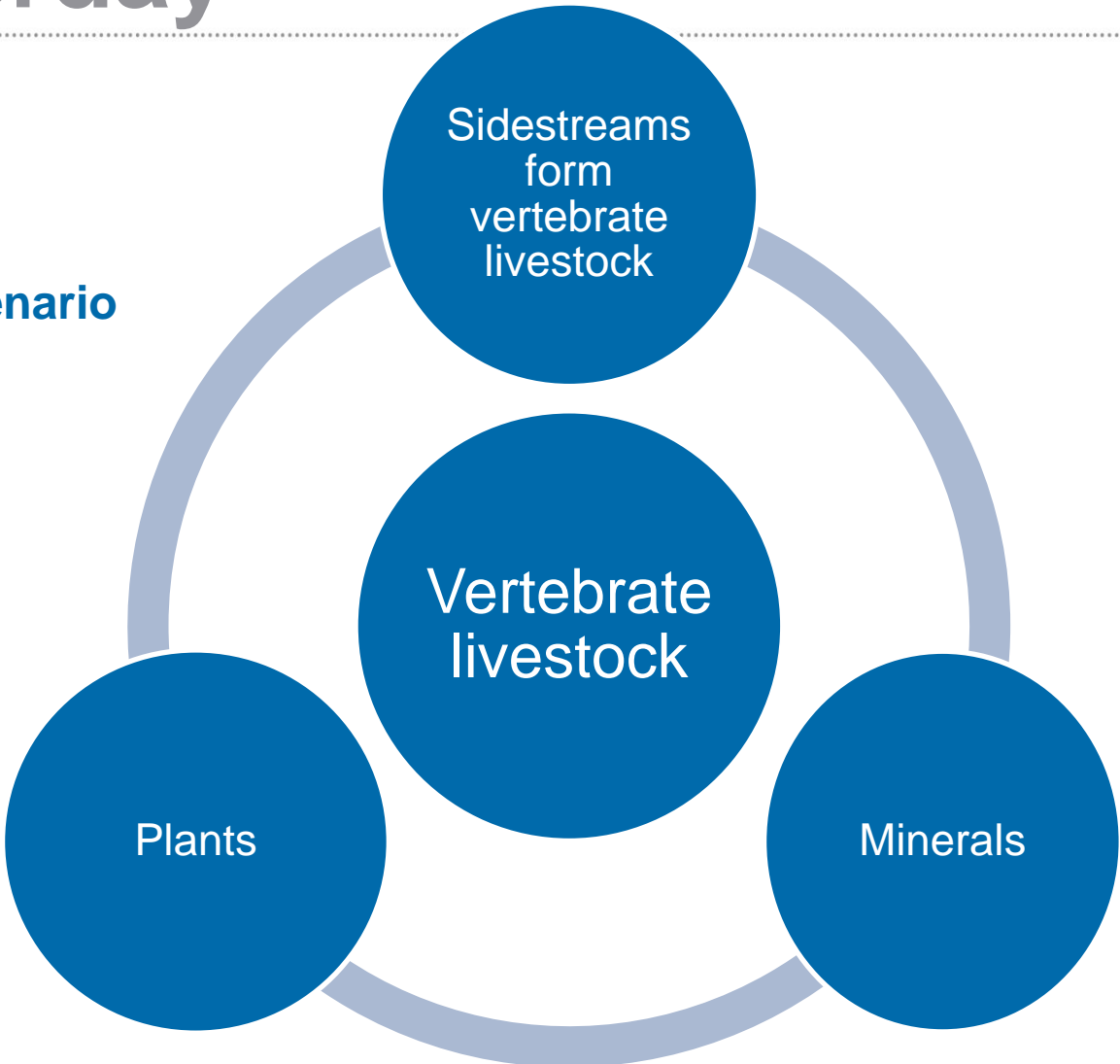
Dr. Nils Th. Grabowski

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Lebensmittelqualität und -sicherheit

Yesterday

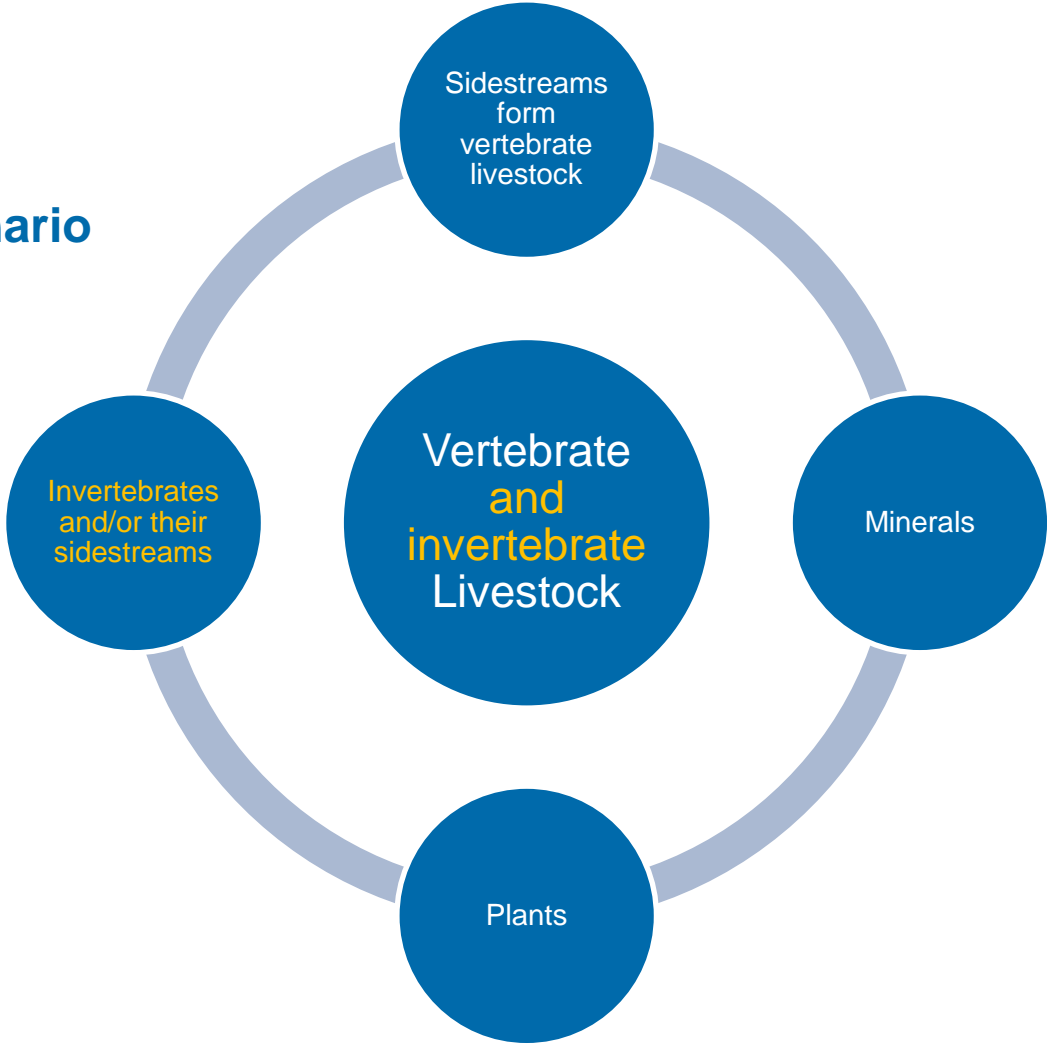
General scenario



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Today

General scenario

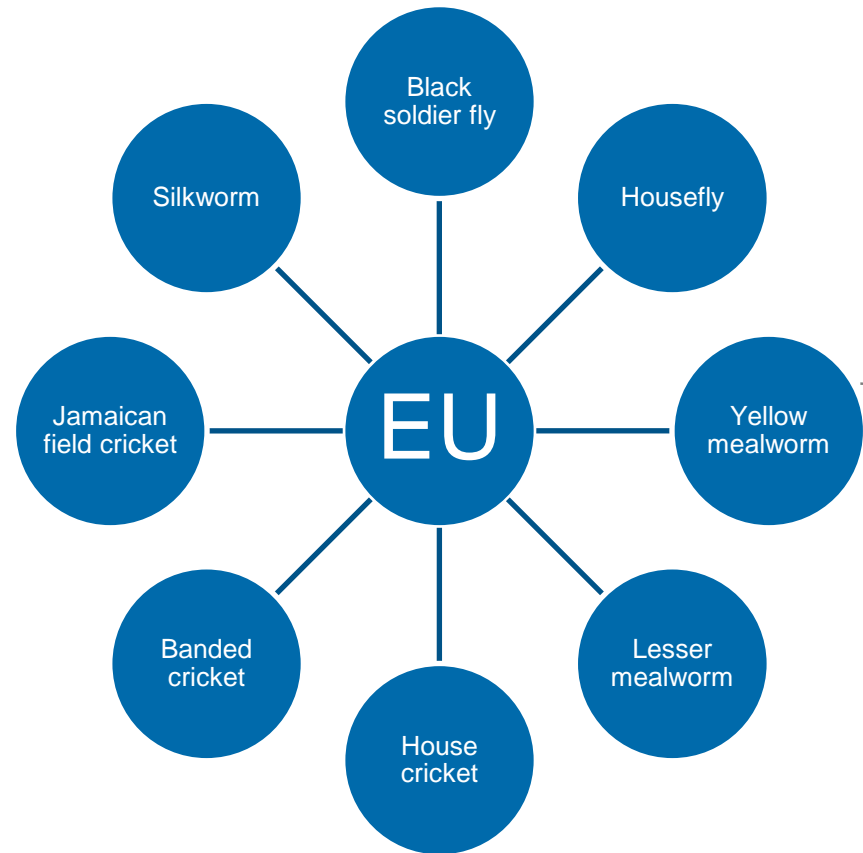


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Today

Using insects as livestock feed

- Part of the natural diet
- Nutritional profile:
 - High quality
 - Classical nutrients
 - Bioactive substances, chitin
 - 40% for fish feed, 30% for chicken feed
 - Depending on species
 - Depending on feed source
- EU: 8 species allowed
- Feeding restrictions out of feed law traditions and safety concerns



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(<https://ipiff.org/>)

Tomorrow

Vision

- Safety assessment of feeding insects with non-traditional feedstuffs to increase sustainability
- Inclusion of more invertebrate feed species
- Stressing animal health and animal welfare issues in productive insects rearing (➔ veterinarians), providing the insect farmer with the same high-quality service as for ordinary livestock
- International Network for Productive Insects' Health and Welfare (INPIHW, <https://www.tiho-hannover.de/kliniken-institute/institute/institut-fuer-lebensmittelqualitaet-und-sicherheit/arbeitsgruppen/nutzinsekten/international-network-for-productive-insects-health-and-welfare-inpihw>)

Thank you for your attention!



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