



**FINNISH FOOD
AUTHORITY**
Ruokavirasto • Livsmedelsverket

Trainings on Tools and Methods for RA: BIKE model for exposure assessment

Finland's tailor-made activity

Risk Assessment Unit
Finnish Food Authority

Training: BIKE model for exposure assessment



SUMMARY:

- Combination of webinars & Moodle e-learning platform for course materials & Workshop.
- Participants to be selected from Countries via FPs and FP-network observers.
 - 1 per Country/year (possibly more if some places are left empty)
- Trainings running 2023-2027 (one course every year, one place per country/year)

BIKE model for exposure assessment



FORMAT OF ATTENDANCE:

- + Participation in webinars
- + Access to Moodle e-learning platform with course materials
- + Participation in workshop (on-site Helsinki)

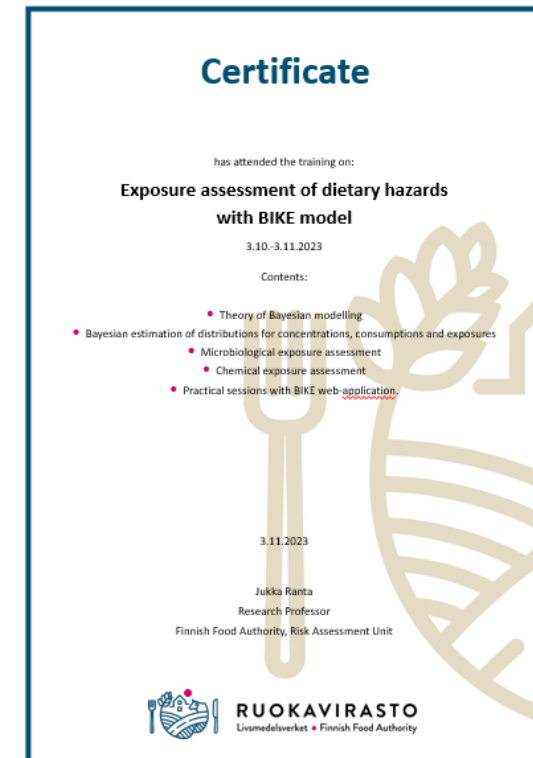
DATES 2024:

Webinars (on-line)

- Week 39: 29.9. (10-15 CET)
- Week 40: 1.10., and 3.10. (10-14 CET)
- Week 41: 8.10., and 10.10. (10-14 CET)
- Week 43: 22.10., and 24.10. (10-14 CET)

Workshop (Helsinki)

- Week 44: 31.10-1.11.



*Certificate of participation
by attending ≥ 6 webinars & Workshop.*

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PROFILE OF TARGET PARTICIPANTS:

- Risk assessors conducting quantitative assessments of dietary exposures of chemicals and/or microbes.
- Scientific background in chemical/microbiological/food science/food hygiene/statistics or similar.
- Familiar to basic statistical concepts (variable, parameter, distribution).
- Interested in quantitative risk assessment and data analysis.
- Willing to study and do course work!

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STRUCTURE OF WEBINARS:

- Lecture presentations with slides.
- Q&A discussions.
- Each webinar topic has materials available in Moodle.
 - Participants register to Moodle platform, from which they are linked to the course pages.
- Moodle e-learning materials can be used for self-study between and after the webinars.

Participant's feedback from last year related webinars:

After each webinar, the participants were asked for feedback, e.g. Did your knowledge on today's topic increase? (results sum of webinars 1-7 in figure)

DID YOUR KNOWLEDGE ON WEBINAR TOPICS INCREASE?

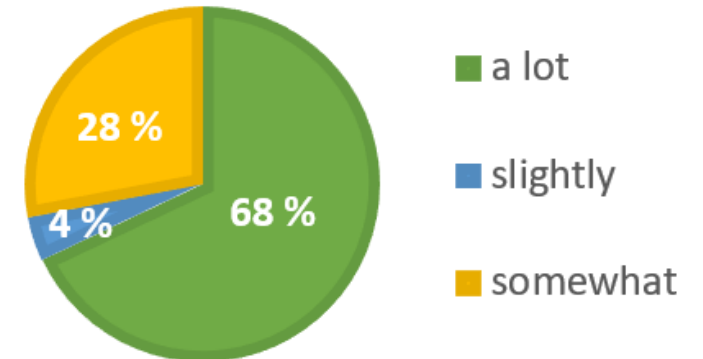


Fig.

BIKE model for exposure assessment



CONTENTS AND TOPICS OF WEBINARS:

- **Theoretical part (concepts and principles)**
 - Preliminary topics on probability and Bayesian statistics.
 - Underlying principle of the computational method and tools.
 - Conceptual structure of Bayesian models.
 - Concepts of chemical and microbiological dietary exposure assessments.
- **Practical part (software)**
 - Format of data and requirements.
 - Structure of the application tool BIKE.
 - Estimating concentration & consumption distributions in BIKE.
 - Microbiological and chemical exposure assessment in BIKE.

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WORKSHOP:

- On site training and recap.
- At Finnish Food Authority, Helsinki.
- 31.10-1.11 2024.
 - Workshop activity.
 - Dinner on 31.10 evening (free).
 - Travel costs up to € 500 reimbursed, 1 per Country.
- Own lap-top computers needed.
- Knowledge from the preceding webinars needed.
- We request participants kindly to install needed software to their computers beforehand. Instructions will be provided.



Participants feedback from last year related workshop:

Thank you for the time and effort you have invested in making the BIKE workshop a valuable experience for all of us. It was great meeting you all face to face and teaching us how to use the BIKE model.

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NEXT STEPS FOR FOCAL POINTS AND OBSERVERS:

- Discuss who could participate and inform them.
- Send the candidate's name and email address by email to: BIKE@ruokavirasto.fi
 - **Latest 21 June 2024**
- The candidates receive invitation, after which they can log-in to Moodle platform.



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