



Cyprus tailor - made project on the ImproRisk Model (2023 – 2025)



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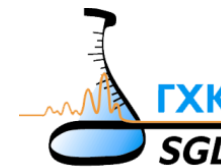


50th Focal Point Meeting, Berlin, Germany,
8th December, 2022





What is ImproRisk?



Food Consumption data (EU Menu)



Chemical Occurrence data



SGL's Risk Assessment model





ImproRisk Timeline



2014

- Excel
- Chronic exposure to chemicals in food.
- FoodEx1



2019

- Online model (Shiny web application)
- Open access
- FoodEx1



2022

- Shiny web application
- FoodEx2
- Processing facets (F28)



Benefits of the ImproRisk model



- ❑ **HARMONIZATION.** The model's methodology is according to the EFSA methodology for exposure assessment of chemical contaminants (e.g. FoodEx2, etc.).
- ❑ **Accessibility.** Web application that can be accessed from anywhere without any installation needed.
- ❑ **Simplicity.** Totally straightforward and user-friendly model. Calculations are performed with a click of a button.
- ❑ **Complementarity.** It abridges the gap between screening and probabilistic models and is employed in the field of exposure assessment of contaminants.
- ❑ **Controllability.** Entire control of your exposure assessment calculations by uploading your own data (occurrence & consumption). Therefore, accurate picture of your national population exposure rates to chemicals.

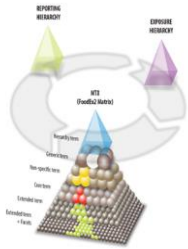


ImproRisk meets EFSA's values



ImproRisk contributes to:

- ☐ **Scientific Excellence**, through the delivery of reliable risk assessment, as it was developed according to the latest scientific advancements, i.e. Shiny web application built in R and based on FoodEx2
- ☐ **Openness and Transparency**, as it is an open-access model and the exposure assessment calculations are there to inspect
- ☐ **Cooperation**, since the feedback provided by liaising with several stakeholders was crucial for the further development of the model.





The idea of ImproRisk as a Tailor Made Project



The **Cyprus Focal Point**, after the great interest and the very positive feedback of the participants in the **Follow – up workshop on the ImproRisk Model**, held in Cyprus in September 2022, proposed a **tailor - made project** under two overarching areas: *“Engagement, collaboration and partnerships”* and *“Capacity building”*.





The idea of ImproRisk as a Tailor Made Project

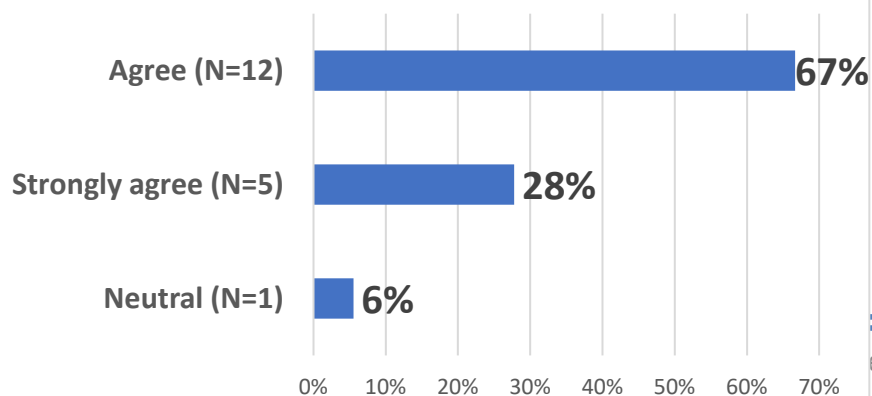


What it has been achieved at

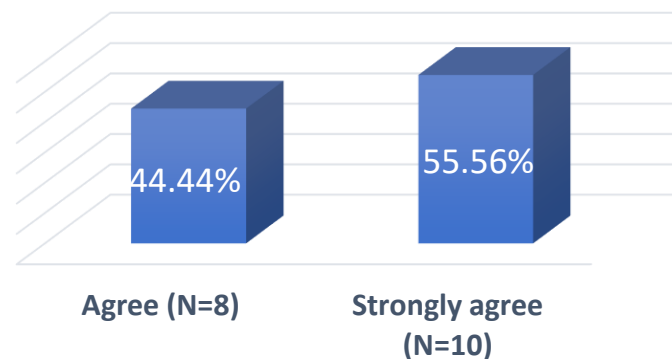


- ☐ Useful feedback regarding the model was received by the participants,
- ☐ New ideas came up for further development of the model so us to be even more user friendly and transparent, applicable and to other categories of substances etc.,
- ☐ An idea for a Tailor Made project under the Focal Points New Operational Framework for ImproRisk further development was born!!
- ☐ Fruitful networking

Responses to the statement: ImproRisk will provide significant value in exposure assessments performed by EU MS



Responses to the statement: I would be interested in attending a follow - up, more advanced workshop on the ImproRisk Model





Actions to be implemented in the context of the ImproRisk Tailor Made Project



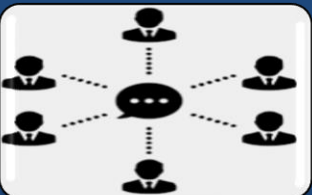
Action (A):

- Organization of an Annual Training Workshop on the ImproRisk Model.



Action (B):

- On site visits to or from countries on demand.



Action (C):

- Creation of ImproRisk Users Community.



Action (D):

- Support to the Users.



Action (A): Annual Training Workshop



Objective

- Provide “hands on training” on the online ImproRisk Model

Key Topics

- Management of occurrence data.
- Management of consumption data.
- Dietary exposure methodology.
- Final outcomes.

Target Audience

- Experts from Food Safety Authorities/ Risk Assessment Institutes
- Other Experts from EU MS and IPA countries.

Deliverables

- Agenda of the workshop
- Training material
- Attendance list
- Training feedback / satisfaction survey.



Action (B): On - site visits to/from countries on demand



Objective

The ImproRisk Team of Tutors will perform on site visits on demand from countries willing to use ImproRisk model.

Key Topics

On site visits to/from countries on demand for the enhancement of the Model's usage., according to country specific data.

Benefit

Small groups of participants,
Data standardization (e.g. FoodEx2 coding),
Capacity building.

Deliverables

Country's written request for a visit,
Agenda with topics to be covered,
Brief reporting of the outcomes,
Satisfaction survey

Strategic objective of the Action

- Long – term further development of the ImproRisk model, **based on the users' ideas and needs** for the development of **harmonized risk assessment methodologies**

Target of the Action

- ImproRisk model will be regularly updated, in order to become more user friendly, fit for purpose and transparent.

Deliverables: ImproRisk users' community platform for real time exchange of ideas and development of a metric system to measure the level of user satisfaction.





Action (D): Support to the Users



Objective: Continuous support by the **ImproRisk Team** to the model users providing templates, guidance documentation etc.



Deliverables: Development of relevant documents.



Project Team



The **State General Laboratory (SGL) of Cyprus** will be the contractor of the proposal.

Team composition:

1. Director of the SGL,
2. Head of the Risk ASSESSMENT Unit of SGL,
3. Christophoros Papachrysostomou, EFSA Focal Point,
4. Aspasia Sarandi, EFSA Focal Point,
5. Demetris Kafouris, Responsible Person for ImproRisk Model,
<http://www.improrisk.com/>
6. Constantinos Papaconstantinou, IT Unit of SGL.

Subcontracting services:

1. Technical assistance by the developer of the ImproRisk Model Mr. Lefkios Paikousis,
2. Administrative services by an experienced agency, related to the implementation of the training workshop as described in Action A.

ImproRisk is a model worth to be shared with other countries in the context of Transparency, Partnership & Capacity Building

Further information: Dr. Demetris Kafouris
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Risk Assessment Unit
Responsible Person for ImproRisk Model,
<http://www.improrisk.com/>

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Acknowledgments to Mr. Lefkios Paikousis, Director of Improvast (Cyprus)/SGL's external collaborator, for his significant contribution in the development of the ImproRisk model.

Thank you for your attention!!

