



The upgrade of the dietary exposure assessment model "ImproRisk" – the role of EFSA and other stakeholders

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Introduction



- ❖SGL carries out risk assessment for estimating the chronic dietary exposure of the population to chemicals
- ❖SGL has developed its own risk assessment model called "ImproRisk" since 2014
- ❖In 2022, ImproRisk has been upgraded into an online model that accommodates FoodEx2, in order to meet EFSA's requirements and risk assessors' needs at national / European level.

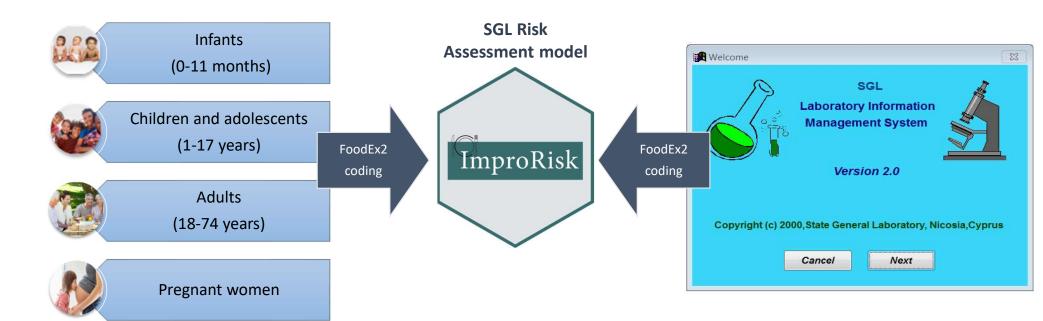


Chronic exposure assessment of the Cypriot population to chemicals



Food Consumption data (EU Menu)

Chemical Occurrence data





ImproRisk timeline







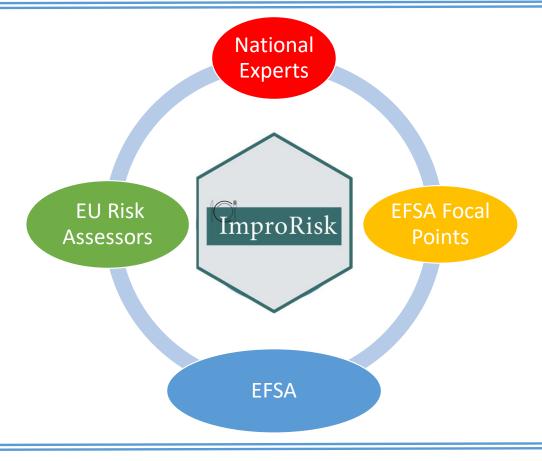




Methodology



❖In order to ensure that a sufficient number of risk assessment experts will use the model and provide feedback, several stakeholders were engaged.





Methods and tools to engage with stakeholders



Tools	National Experts	EU Risk Assessors/ EFSA Focal Points	EFSA
Exchange of emails	✓	✓	✓
Info sessions	✓	×	×
Oral presentations at EFSA meetings/ Conferences	×	✓	✓
Trainings/Workshops	✓	✓	✓

Important actions taken

- ❖ Allocation of sufficient budget for subcontracting (2014-2022), to ensure ImproRisk will reach its desired format
- ❖ Rendering ImproRisk an open access model.



Results



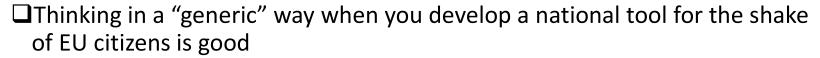
- Engagement with a high number of risk assessors by making ImproRisk an open model
 - ✓ In line with EFSA principles for openness and transparency
- Collaboration with EFSA through the signing of a Grant Agreement on the further development of ImproRisk
- Development of a harmonized and accurate dietary risk assessment model, which was facilitated by the valuable feedback of the registered ImproRisk users
- Organization of Trainings/Workshops at EU level (e.g. TAIEX, etc.).



Lessons learned/ conclusions



- ☐ Include as many stakeholders as possible
- ☐ Be open and transparent
- ☐ Be reliable and trustworthy



✓ Find the right balance.





SGL future plans regarding ImproRisk





- □ EFSA funded the Training on the ImproRisk model (Excel version) of the Member States (MS) and pre-accession countries in 2016
- ☐ Final draft version of the model was submitted to EFSA for validation and/or comments (March 2022)
- ☐ Final version of ImproRisk goes online (NOW!)
 - ✓ Information to be disseminated to FPs and other stakeholders in order to have access to the model

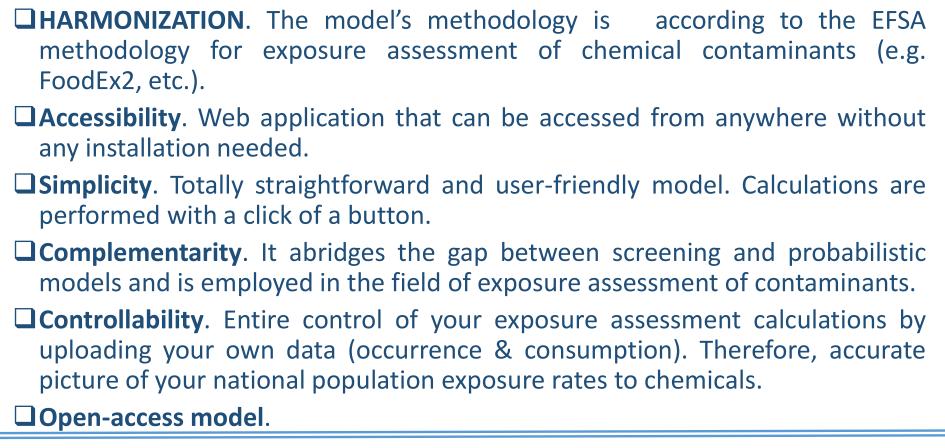


- ☐ Follow-up Workshop on "hands-on" training on ImproRisk as a Shiny web application to risk assessors from MS and pre-accession countries
 - Mode: Physical (should conditions allow due to Covid-19)
 - Provisional date: September 2022
 - EFSA's contribution highly envisaged!



Benefits of the ImproRisk model









Thank you very much for your attention!! Questions??

Acknowledgments

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

Further information

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