



Executive summary

Generic evaluation framework document

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* a deliverable is a formal output produced by a (EU) project

Content Summary

This document presents an evaluation framework for the socio-economic assessment of the costs and benefits of compliance with food safety regulations. The evaluation framework has been designed to fit different products and contaminants as well as countries of different economic structure and thus different challenges with respect to both trade and economic development.

The framework builds on the evaluation literature and state-of-the-art (which are also presented). Its application is demonstrated with reference to the literature about chemical contamination in Turkey and the United States. We also provide suitable case studies for demonstrating the evaluation framework within MONIQA. The case studies include:

- Melamine in dairy products in China
- Aflatoxin contamination of hazelnuts in Turkey
- T-2 and HT-2 contamination of cereals in Italy
- Dioxin testing in the UK and Germany

These case studies allow for the analysis of different policy options when dealing with food safety challenges including:

- a) Implications, and costs and benefits of strict control measures targeting the agriculture and food industry – under situations of market concentration or diffusion
- b) Implications of imposing controls independently in export markets (rather than both on domestic and export markets)
- c) Costs and benefits of extensive training programmes
- d) Success potential of cash transfers to producers
- e) Risks associated with the lowering of standards and loosening of controls
- f) Effectiveness of a monitoring system in a federal-like system like the EU where comprehensive controls are carried out only in one rather than all member states – the *de facto* situation for several contaminant groups at present.

Although not all of the policy options will be assessed for each country under investigation we expect to obtain enough information to be able to compare the different options at a more



generic level and, on this basis, draw conclusions and make recommendations for better implementation of food safety within Europe and globally.

About MoniQA – www.monika.org

MoniQA ("Monitoring and Quality Assurance in the Food Supply Chain") is a Network of Excellence (NoE) funded by the European Commission under the 6th Framework Programme. The Network aims to make food safer by harmonising methods for food analyses. The project is coordinated by the Vienna-based International Association for Cereal Science and Technology (ICC). More than 155 researchers and scientist from 33 international partners from 20 countries are involved in MoniQA.

Join us!

MoniQA offers associated partnerships for interested organisations, SMEs and institutions. For more information see <http://www.monika.org/associates> or contact:
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