

PRIORITY ENVIRONMENTAL CONTAMINANTS IN SEAFOOD: SAFETY ASSESSMENT, IMPACT AND PUBLIC PERCEPTION

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Goals

- To monitor priority environmental contaminants in seafood.
- To develop cost-effective and fast screening methods to detect relevant priority contaminants in seafood.
- To understand public health impacts of priority chemical hazard in seafood and develop tools for risk assessment.
- To develop mitigation strategies for the presence of relevant priority environmental contaminants in seafood.
- To establish a quantitative link between the contamination of the marine environment and that of seafood.
- To prepare and disseminate scientific evidence, clear and practical information for stakeholders to reduce public health risks

Expected Results

- A more effective monitoring of the environmental contaminants in seafood and in the environment.
- The development of fast screening methods which will be useful to quickly measure undesirable compounds in seafood “in loco” by non-trained technicians.
- An improved understanding of the risk of contamination in seafood, helping the authorities and industry to understand the effects of contaminants in the quality of seafood.
- Data obtained will help the industry to optimize their processes in order to prevent or reduce the risk of contamination.