



Vitenskapskomiteen for mat og miljø

Norwegian Scientific Committee for Food and Environment

Risk assessment of dioxins and dioxin-like PCBs in food in Norway

Harald Gjein

Director

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Background



The EFSA Opinion (2018) "Risk for animal and human health related to the presence of dioxins and dioxin-like PCBs in feed and food"

- The tolerable weekly intake (TWI) was reduced from 14 to 2 pg/kg bodyweight/week
- The main contributors to average dietary exposure for most age groups in European countries were fish (in particular fatty fish), cheese and livestock meat
- Data from European countries indicated an exceedance of the TWI for all age groups

What is the exposure for the Norwegian population?

Overall aim



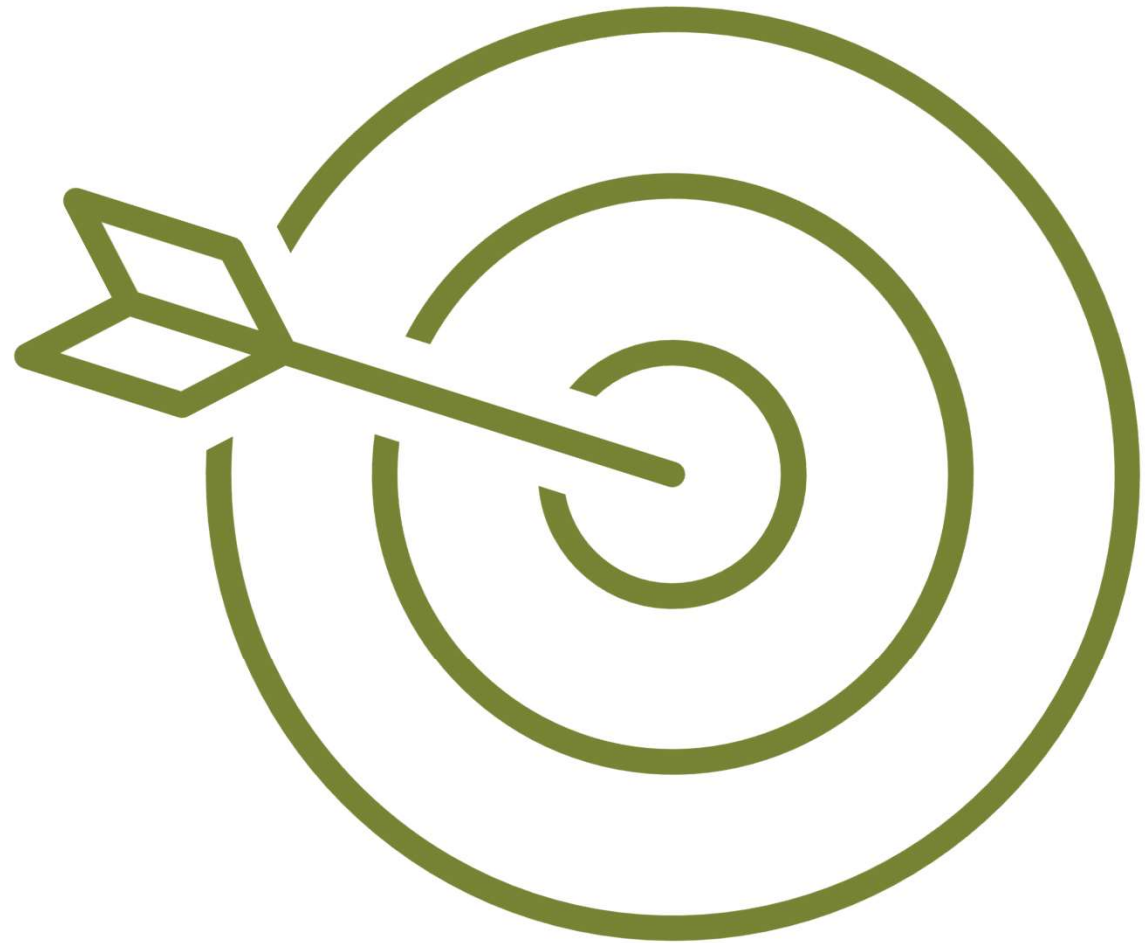
Estimate the exposure to dioxins and dl-PCBs from foods and marine oils taken as food supplements



Assess possible health consequences



Identify risk-reducing factors



Objectives

Estimate

Estimate the dietary exposure to dioxins and dl-PCBs for the Norwegian population

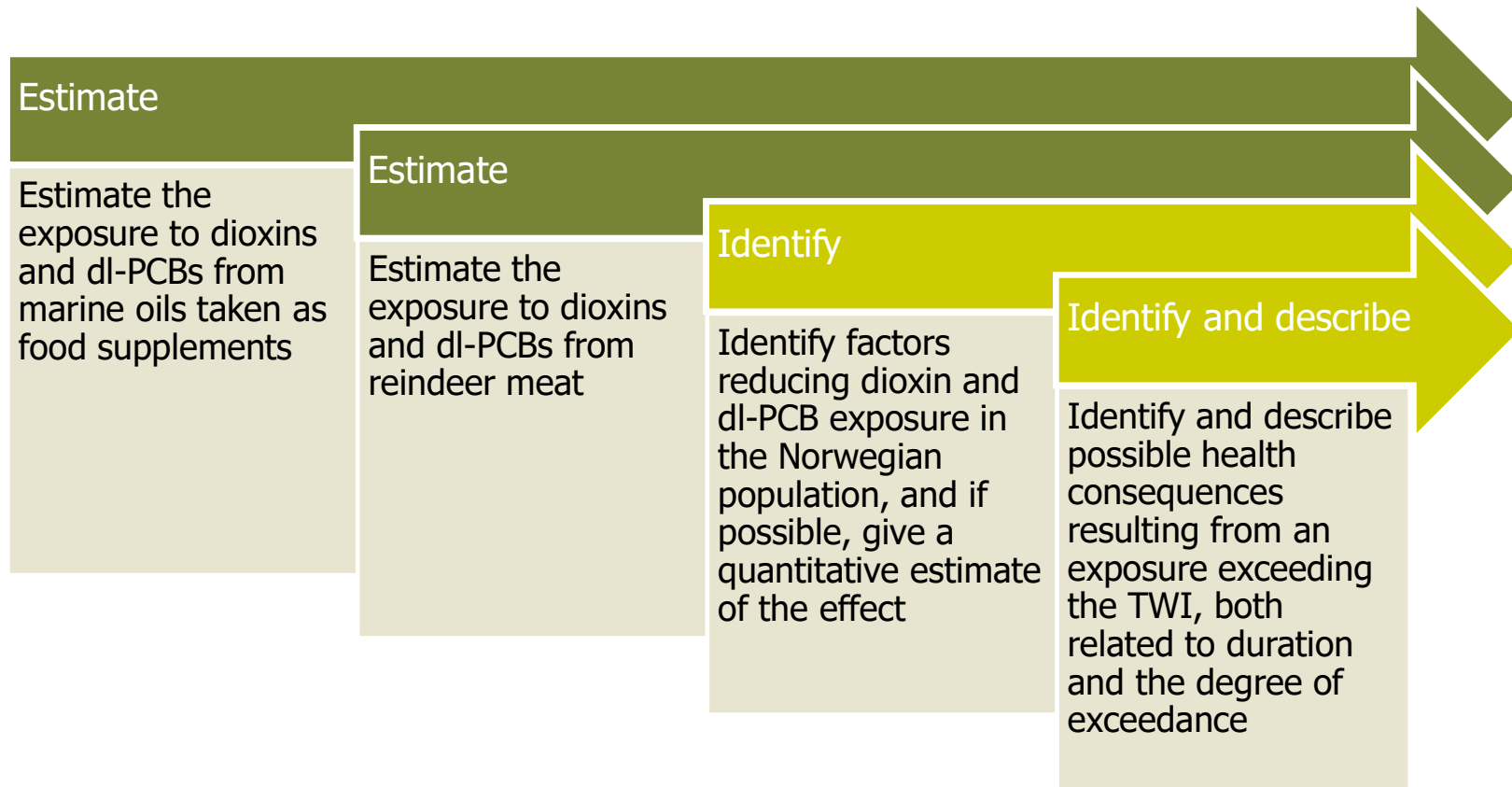
Identify

Identify sub-groups with dietary intakes resulting in dietary dioxin and dl-PCB exposures different from the European population (as reported in EFSA et al., 2018)

Perform

Perform separate exposure estimations for the sub-groups identified

Objectives continued



Contaminants

Risk assessment of dioxins and dl-PCBs in food

Ordered: 15.02.2019

Report no:

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[Download the Terms of reference](#)
↓[Download the protocol](#) ↓

- Publication date is May 11, 2022
- The protocol is available at www.vkm.no

Contact**Gro Mathisen***Project manager, PhD*T: [+47 21 62 28 06](tel:+4721622806)[Send e-mail](#)

The Norwegian Food Safety Authority (NFSA) asks The Norwegian Scientific Committee for Food and Environment (VKM) to perform exposure assessments of dioxins and dl-PCBs in food in Norway.

Terms of reference

Thank you for your attention!

VKM

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