

ATV møde: Grænseværdier i grund- og drikkevand: Styrelsen for Patientsikkerheds rolle

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Sundhedsloven § 212 a, stk. 4

Styrelsen for Patientsikkerhed rådgiver statslige, regionale og kommunale myndigheder i hygiejniske, miljømæssige og socialmedicinske forhold.

STPS giver en udtalelse til miljømyndigheden:

- Konkret vurdering af om en miljøforurening udgør en risiko for menneskers sundhed.
- Anbefalinger om tiltag til forebyggelse af yderligere eksponering af befolkningen for en miljøforurening.
- Miljømyndigheden træffer afgørelse om afhjælpende tiltag.

Hvad baseres STPS rådgivning på?

- STPS foretager en konkret sundhedsfaglig vurdering ved fund af et eller flere kemiske stoffer i drikkevand
- STPS tager ved rådgivning udgangspunkt i Miljøstyrelsens kvalitetskriterier
- Hvis der ikke er etableret et dansk kvalitetskriterie kan rådgivningen baseres på
 - Andre autoritative vurderinger – f.eks. WHO, EFSA, Health Canada, US-EPA
 - Ekstrapolation til lignende stoffer

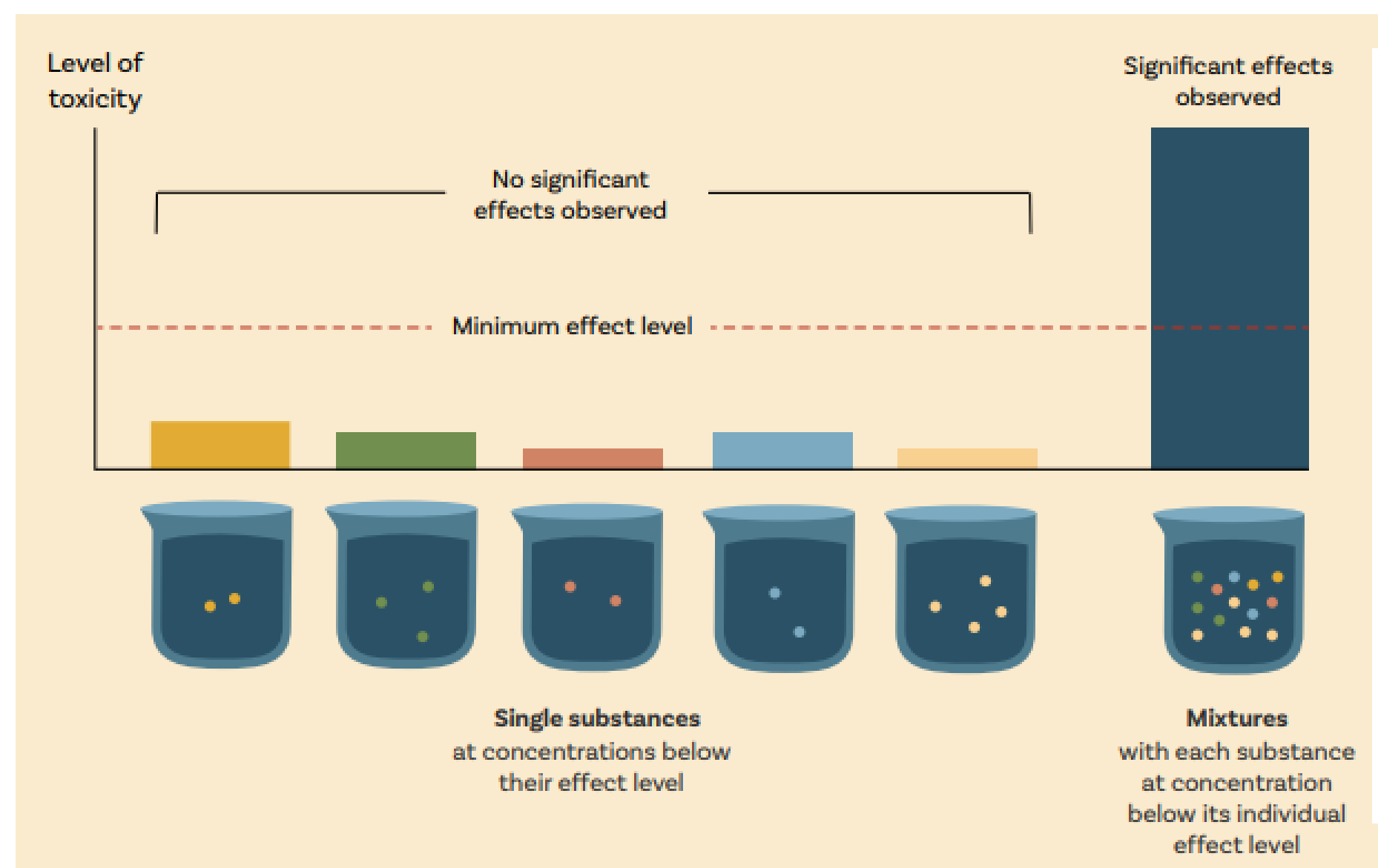
STPS etablerer *ikke* referenceværdier (ADI'er/TDI'er) eller kvalitetskrav

Enkelt -> komplekst



Hidtil – undersøger for stoffer iht. analyseprogrammet.

Relativt simpelt - også når der er flere stoffer i drikkevandet. Fareindeks metode baseret på dosis-addition med "tiering".



GUIDANCE



ADOPTED: 20 February 2019
doi: 10.2903/j.efsa.2019.5634

Guidance on harmonised methodologies for human health, animal health and ecological risk assessment of combined exposure to multiple chemicals

EFSA Scientific Committee,
Simon John More, Vasileios Bampidis, Diane Benford, Susanne Hougaard Bennekou, Claude Bragard, Thorhallur Ingi Halldorsson, Antonio F Hernández-Jerez, Konstantinos Koutsoumanis, Hanspeter Naegeli, Josef R Schlatter, Vittorio Silano, Søren Saxmose Nielsen, Dieter Schrenk, Dominique Turck, Maged Younes, Emilio Benfenati, Laurence Castle, Nina Cedergreen, Anthony Hardy, Ryszard Laskowski, Jean Charles Leblanc, Andreas Kortenkamp, Ad Ragas, Leo Posthuma, Claus Svendsen, Roland Solecki, Emanuela Testai, Bruno Dujardin, George EN Kass, Paola Manini, Maryam Zare Jeddi, Jean-Lou CM Dorne and Christer Hogstrand

GUIDANCE

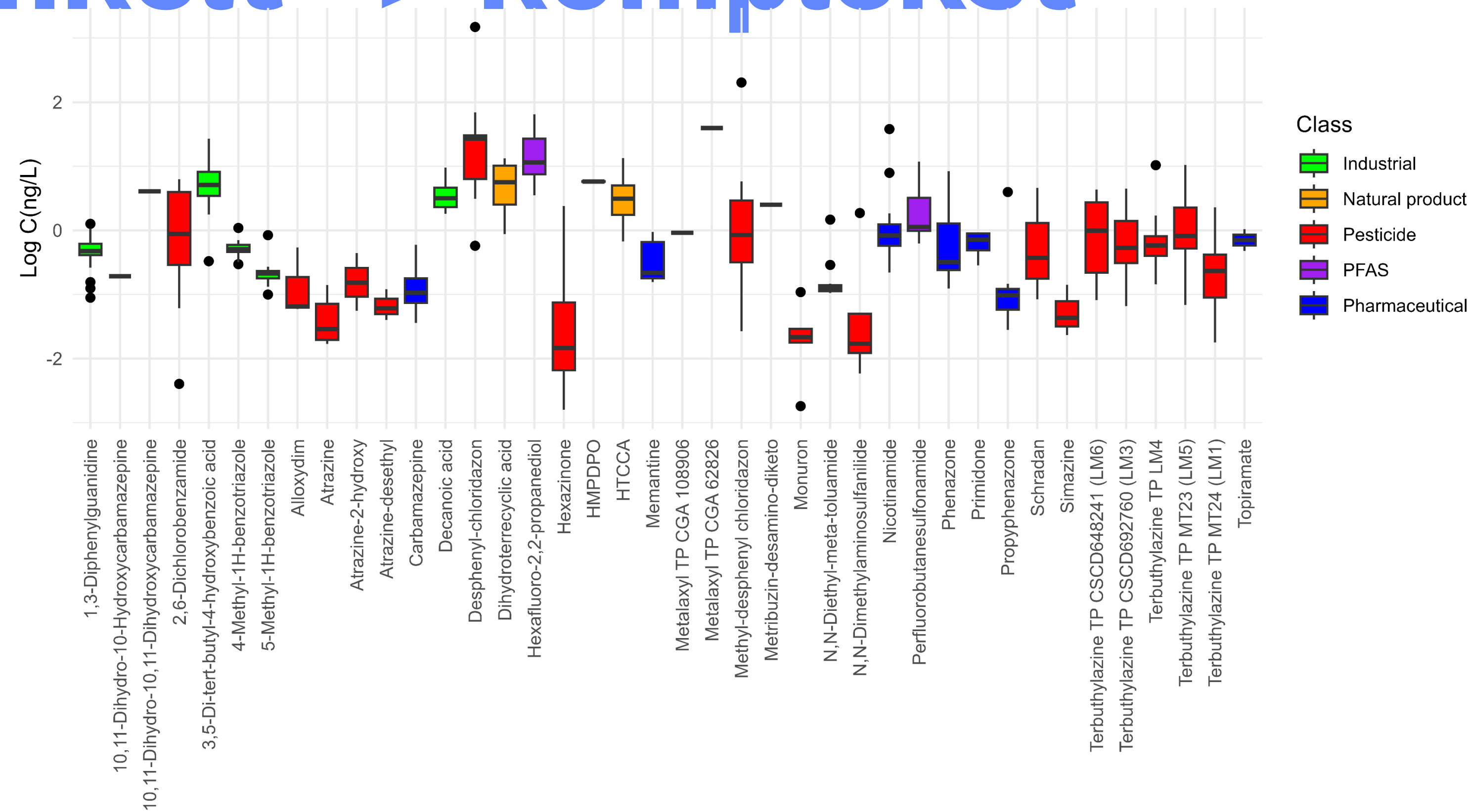


ADOPTED: 17 November 2021
doi: 10.2903/j.efsa.2021.7033

Guidance Document on Scientific criteria for grouping chemicals into assessment groups for human risk assessment of combined exposure to multiple chemicals

EFSA Scientific Committee,
Simon John More, Vasileios Bampidis, Diane Benford, Claude Bragard, Antonio Hernandez-Jerez, Susanne Hougaard Bennekou, Thorhallur Ingi Halldorsson, Konstantinos Panagiotis Koutsoumanis, Claude Lambré, Kyriaki Machera, Hanspeter Naegeli, Søren Saxmose Nielsen, Josef Rudolf Schlatter, Dieter Schrenk, Vittorio Silano, Dominique Turck, Maged Younes, Emilio Benfenati, Amélie Crépet, Jan Dirk Te Biesebeek, Emanuela Testai, Bruno Dujardin, Jean Lou CM Dorne and Christer Hogstrand

Enkelt -> komplekst



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Article

Nontarget Analysis of Drinking Water from Danish Waterworks: Profiling of Organic Micropollutants and Health Risk Screening

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Fremtid: Analyser for andre stoffer – non-target metoder med verificering.

Der er behov for at vurdere:

- **Stoffer med få fare-data og eksponeringsdata**
- **Kombinere stoffer med store forskelle i usikkerheder både i forhold til eksponering og fareegenskaber**

Nyt stof?



”Nyt” (ikke vurderet) kemisk stof i grund- eller drikkevandet, der kan potentielt udgøre en fare for menneskers sundhed -> faglig vurdering.

Vurderingen bygger på tilgængelige data -> hvis de ikke findes eller kan fremskaffes?

Der er ikke en klar lovgivningsmæssig forpligtigelse for Miljøstyrelsen/Sundhedsstyrelsen/Styrelsen for Patientsikkerhed til at fastsætte nye drikkevandskvalitetskriterier.

Ad hoc tilgang

Vejledninger

Adopted: 2 July 2025

DOI: 10.2903/j.efsa.2025.9586



SCIENTIFIC OPINION

Guidance on the use of read-across for chemical safety assessment in food and feed

EFSA Scientific Committee | Susanne Hougaard Bennekou | Ana Allende | Angela Bearth | Josep Casacuberta | Laurence Castle | Tamara Coja | Amélie Crépet | Thorhallur Halldorsson | Laurentius (Ron) Hoogenboom | Pikka Jokelainen | Helle Knutsen | Konstantinos Koutsoumanis (until 25 February 2025)[†] | Claude Lambré | Søren Nielsen | Dominique Turck | Antonio Vicent Civera | Roberto Edoardo Villa | Holger Zorn | Emilio Benfenati | Romualdo Benigni | Qasim Chaudhry | Lucian Farcas | George Kass | Alexis Nathanail | Alicia Pains | Rositsa Serafimova

GUIDANCE



APPROVED: 14 July 2023

doi: 10.2903/j.efsa.2023.8194

Guidance document on the impact of water treatment processes on residues of active substances or their metabolites in water abstracted for the production of drinking water

European Chemicals Agency (ECHA) and European Food Safety Authority (EFSA),
Roberta Hofman-Caris, Milou Dingemans, Astrid Reus, Sanah Majid Shaikh,
Julian Muñoz Sierra, Ursula Karges, Tim aus der Beek, Eugénia Nogueiro, Christopher Lythgo,
Juan Manuel Parra Morte, Maria Bastaki, Rositsa Serafimova, Anja Friel,
Daniele Court Marques, Andreas Uphoff, Lucie Bielska, Claudio Putzu, Laura Ruggeri and
Paschalina Papadaki

GUIDANCE DOCUMENT



ADOPTED: 24 April 2019

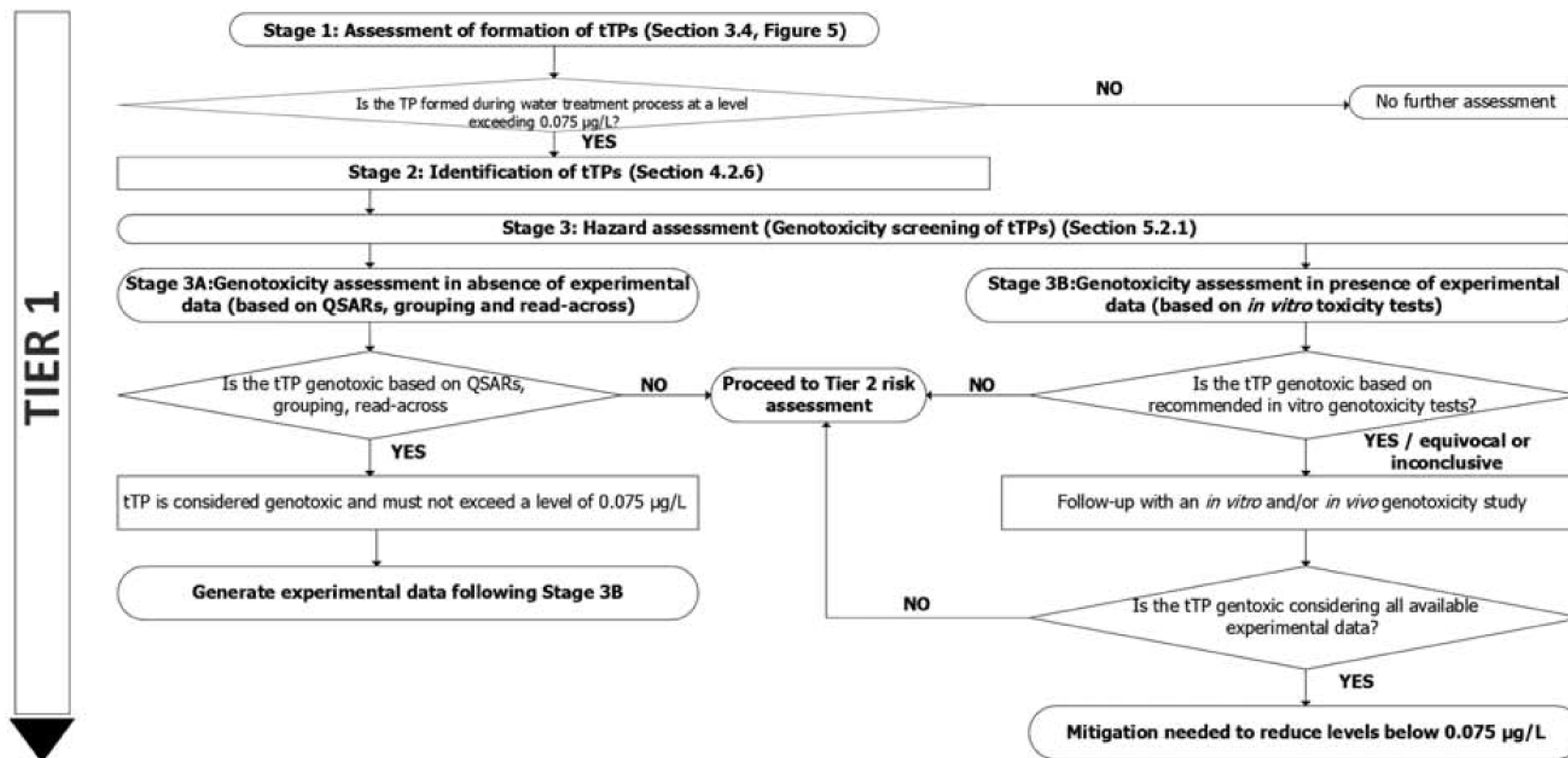
doi: 10.2903/j.efsa.2019.5708

Guidance on the use of the Threshold of Toxicological Concern approach in food safety assessment

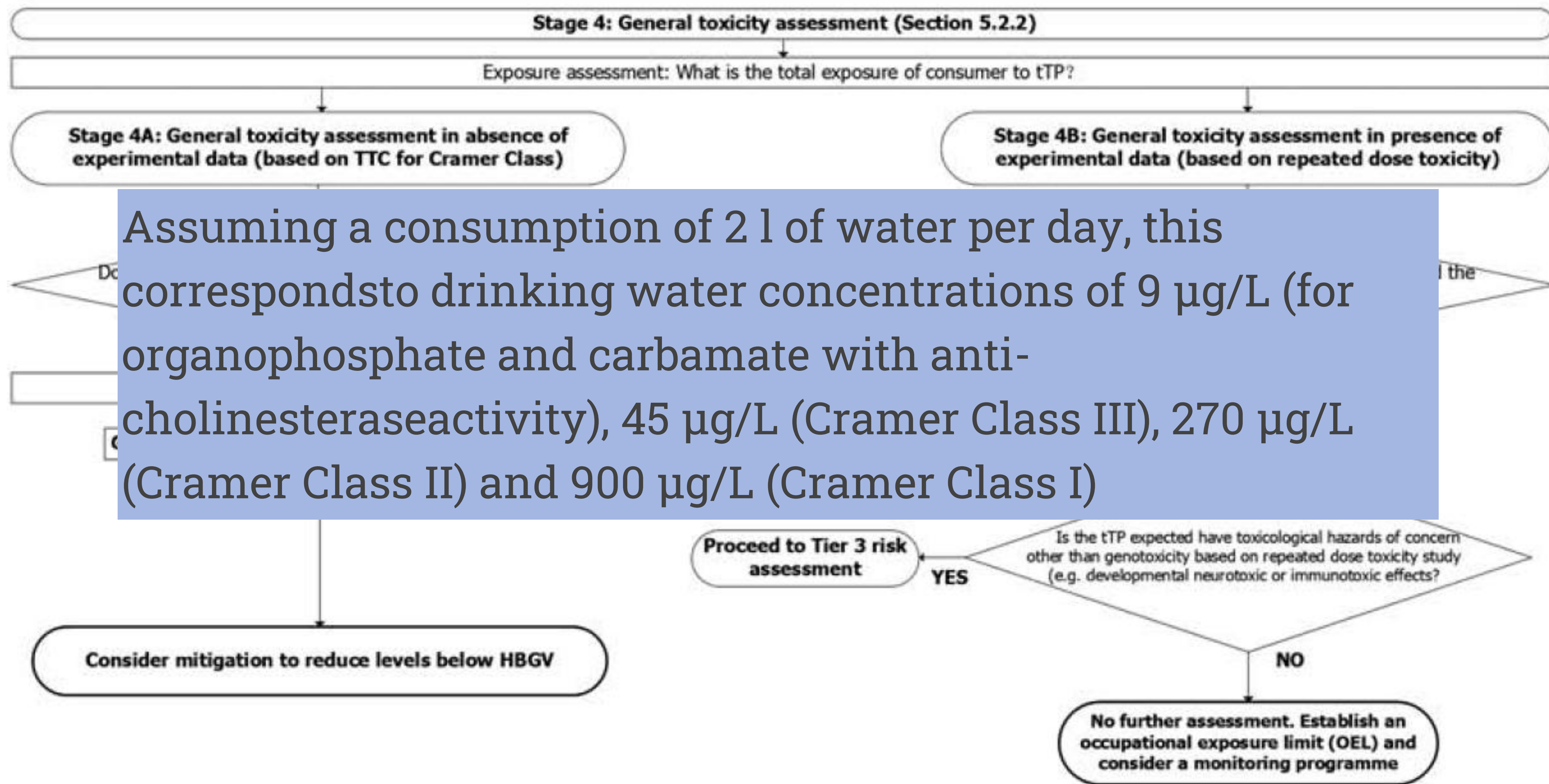
EFSA Scientific Committee, Simon J More, Vasileios Bampidis, Diane Benford, Claude Bragard,
Thorhallur I Halldorsson, Antonio F Hernández-Jerez, Susanne Hougaard Bennekou,
Kostas P Koutsoumanis, Kyriaki Machera, Hanspeter Naegeli, Søren S Nielsen,
Josef R Schlatter, Dieter Schrenk, Vittorio Silano, Dominique Turck, Maged Younes,
Ursula Gundert-Remy, George E N Kass, Juliane Kleiner, Anna Maria Rossi, Rositsa Serafimova,
Linda Reilly and Heather M Wallace

Hazard & Risk Assessment

Impact of water treatment on residues of active substances
or their metabolites



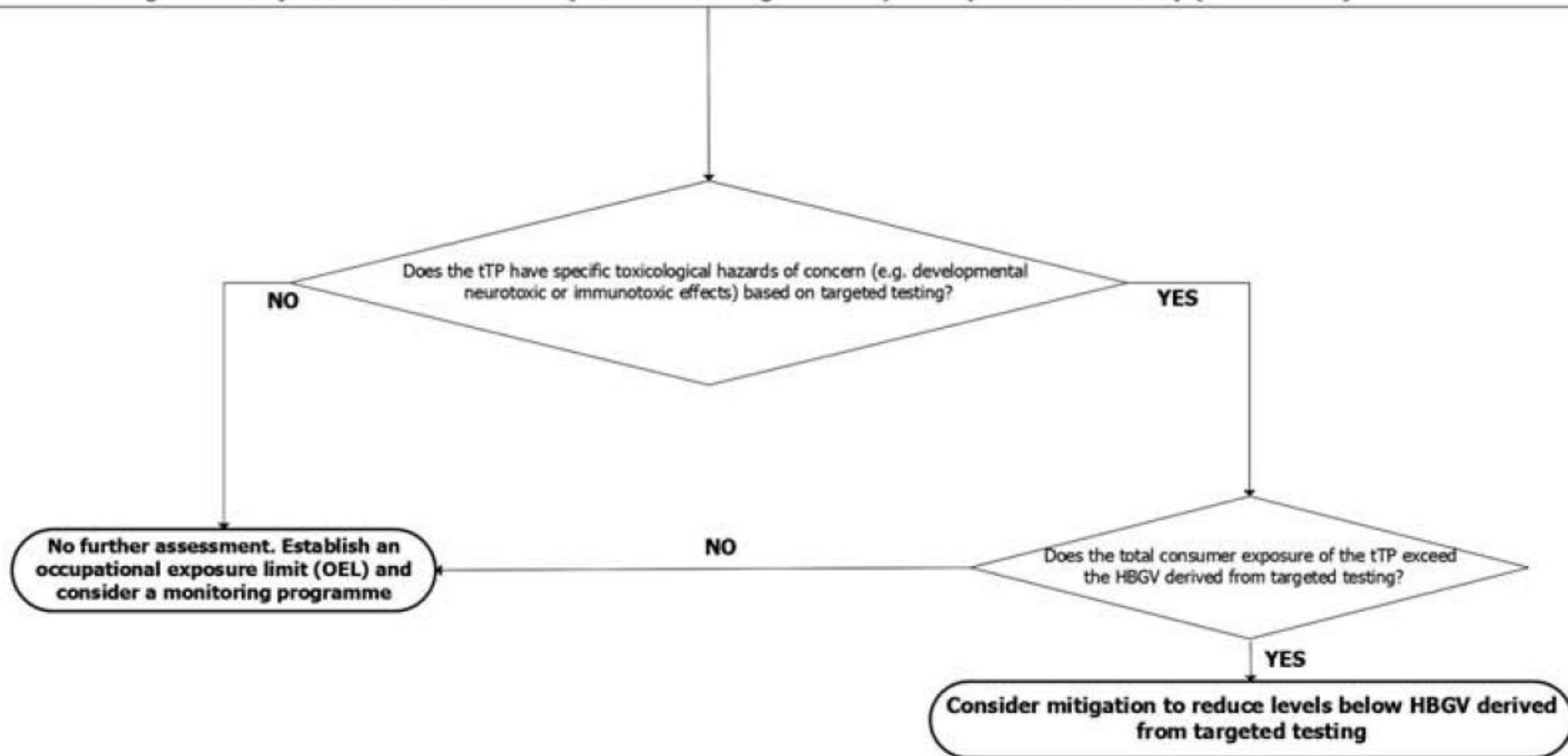
TIER 2



Assuming a consumption of 2 l of water per day, this corresponds to drinking water concentrations of 9 µg/L (for organophosphate and carbamate with anti-cholinesterase activity), 45 µg/L (Cramer Class III), 270 µg/L (Cramer Class II) and 900 µg/L (Cramer Class I)

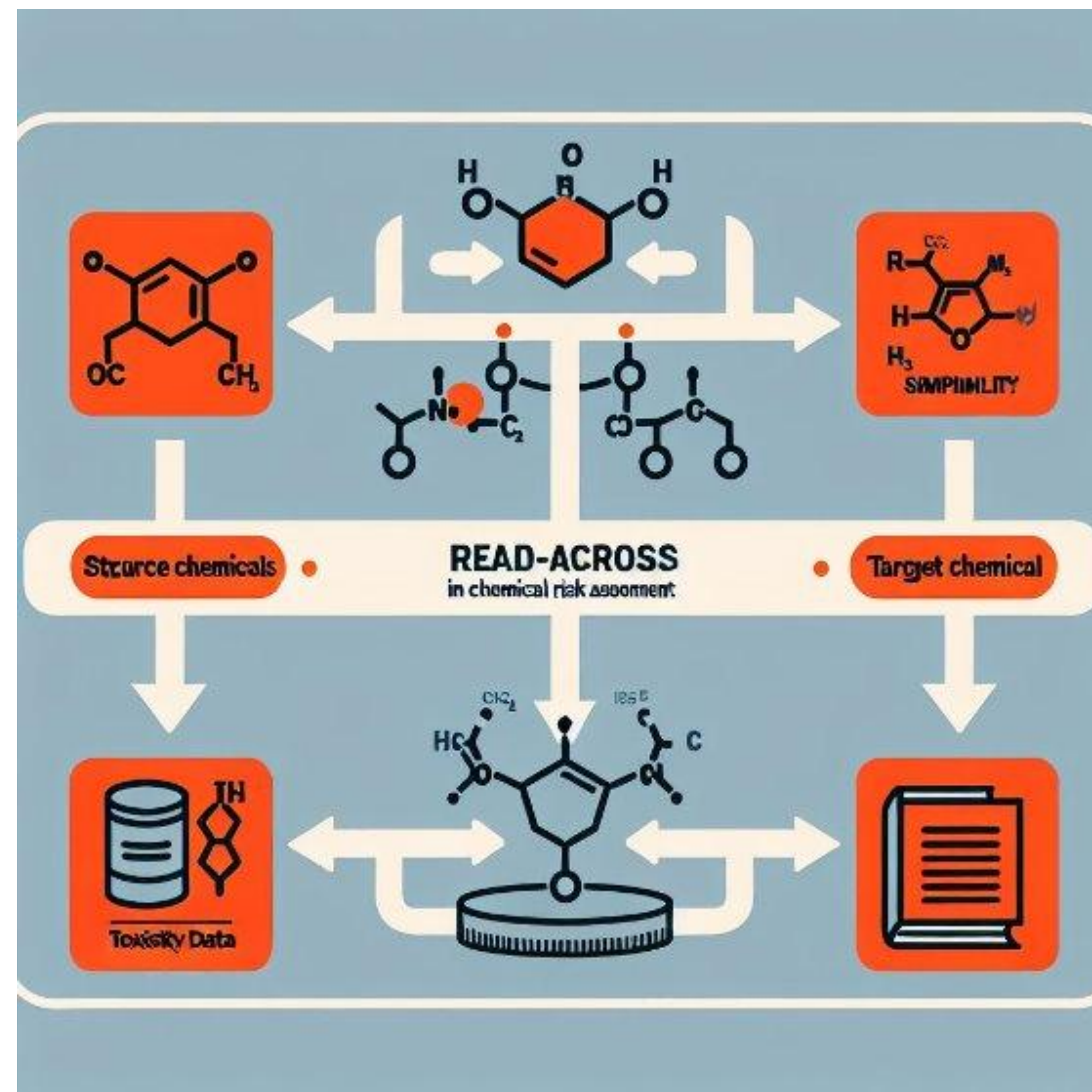
TIER 3

Stage 5: Toxicity assessment based on endpoints other than genotoxicity and repeated dose toxicity (Section 5.2.3)



Guidance on the use of read-across for chemical safety assessment in food and feed

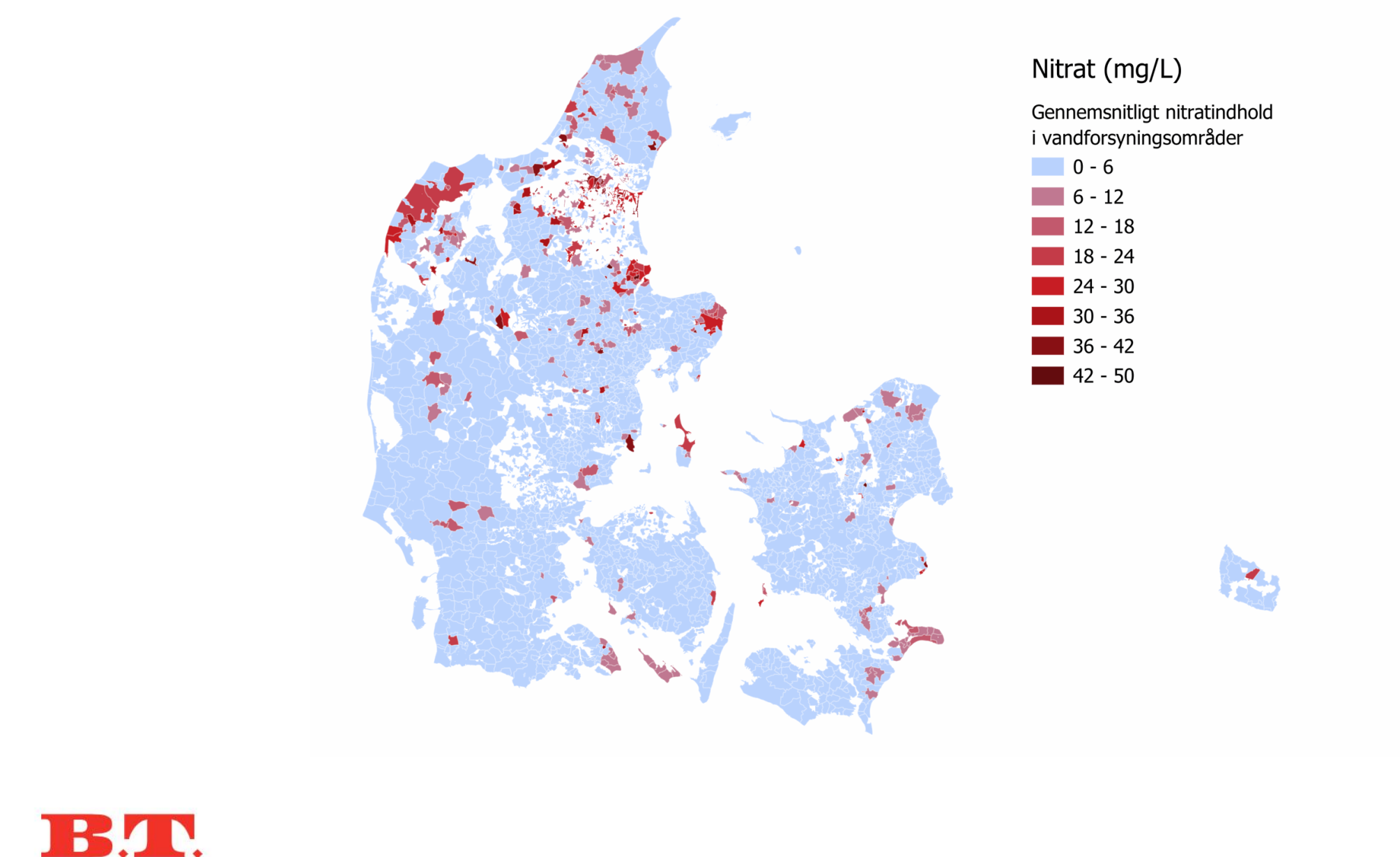
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Hvad er fremtidsscenariet?

Komplekse situationer

- Mange stoffer
- Integrering af store usikkerheder
- Identifikation af "risk-drivers" – beslutningsstøttende
- Risk-benefit betragtninger
- En hurtig konkret vurdering
 - Kræver samarbejde
 - Afværge fremtidig eksponering hvis påkrævet
 - På kort eller langt sigt ?



B.T.

Pesticid i drikkevand er mindre farligt end først antaget

Fund af chlorothalonil-amidsulfonsyre i april betød, at borgere i Ledøje skulle hente vand på byens torv.



