



94TH ADVISORY FORUM
BUDAPEST, 04-05 DECEMBER 2024

AGGREGATE EXPOSURE ASSESSMENT

Setting the scene



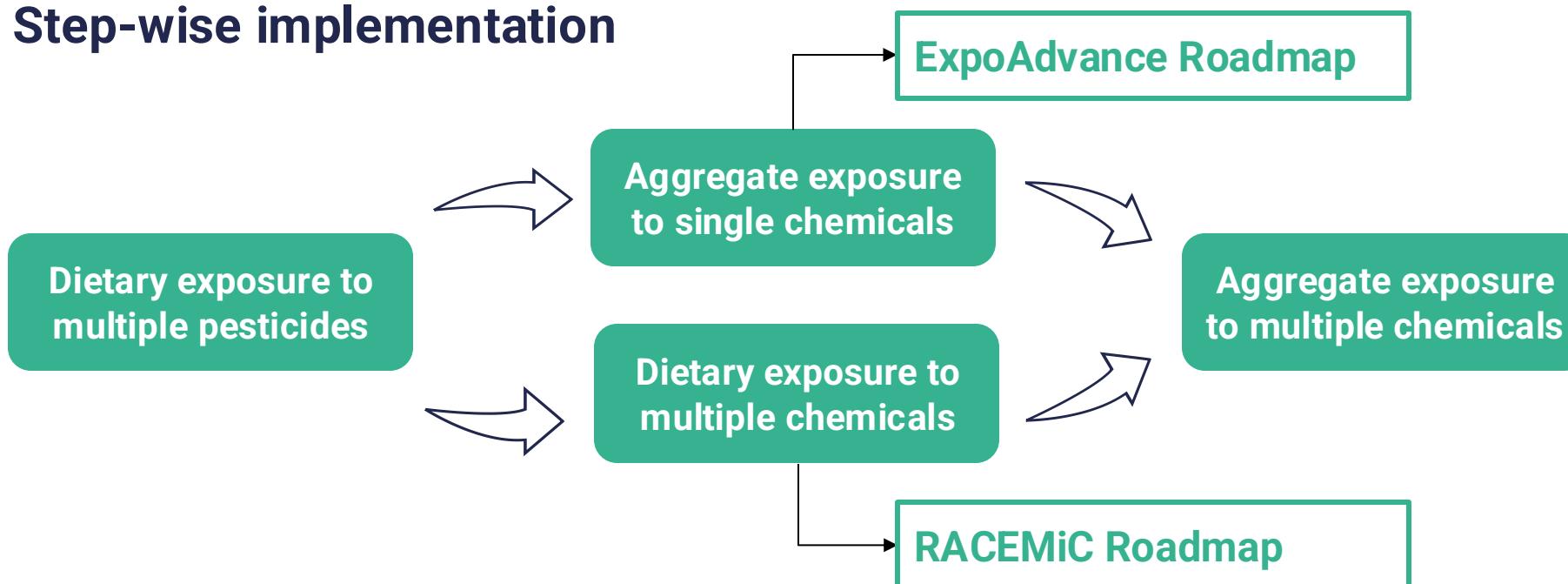
Bruno Dujardin
Methodology & Scientific Support Unit

AGGREGATED EXPOSURE ASSESSMENT | BREAKING THE SILOS

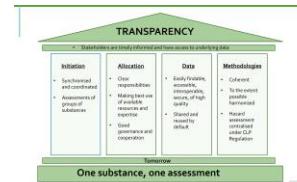
Vision

By 2030, EFSA and partners will be equipped for the routine implementation of human health **risk assessment to multiple chemicals, across EFSA's domains of activity**. Harmonised tools and consolidated data are available for a structured and efficient assessment of both dietary and non-dietary exposure to multiple chemicals. Available methods are fit-for-purpose and address requirements from the sectorial legislations.

Step-wise implementation



Adopted on the Management Board meeting
held on 10 December 2021
by the EFSA Management Board
President of EFSA
Chair of the Assessment Board



EXPOADVANCE ROADMAP | OVERVIEW

- Oct 2022 [Theme Paper](#)
- May 2023-
May 2024
Consortium
work

EFSA Info-session May 2024



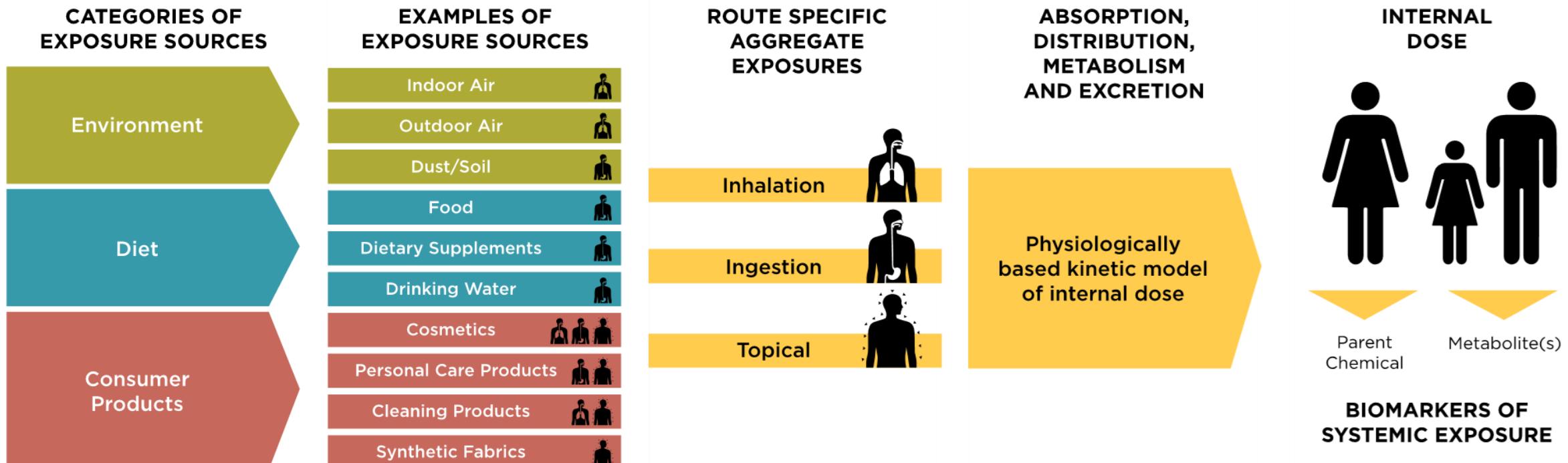
KEY OBJECTIVES

- Identify **key aspects, gaps**, and levels of complexity required in **methodologies and knowledge** for aggregate exposure assessment
- Identify and prioritize **working areas and projects** that will enhance EFSA's capacity to efficiently address requests for **aggregate exposure assessment**



EXPOPADVANCE ROADMAP | PRINCIPLES

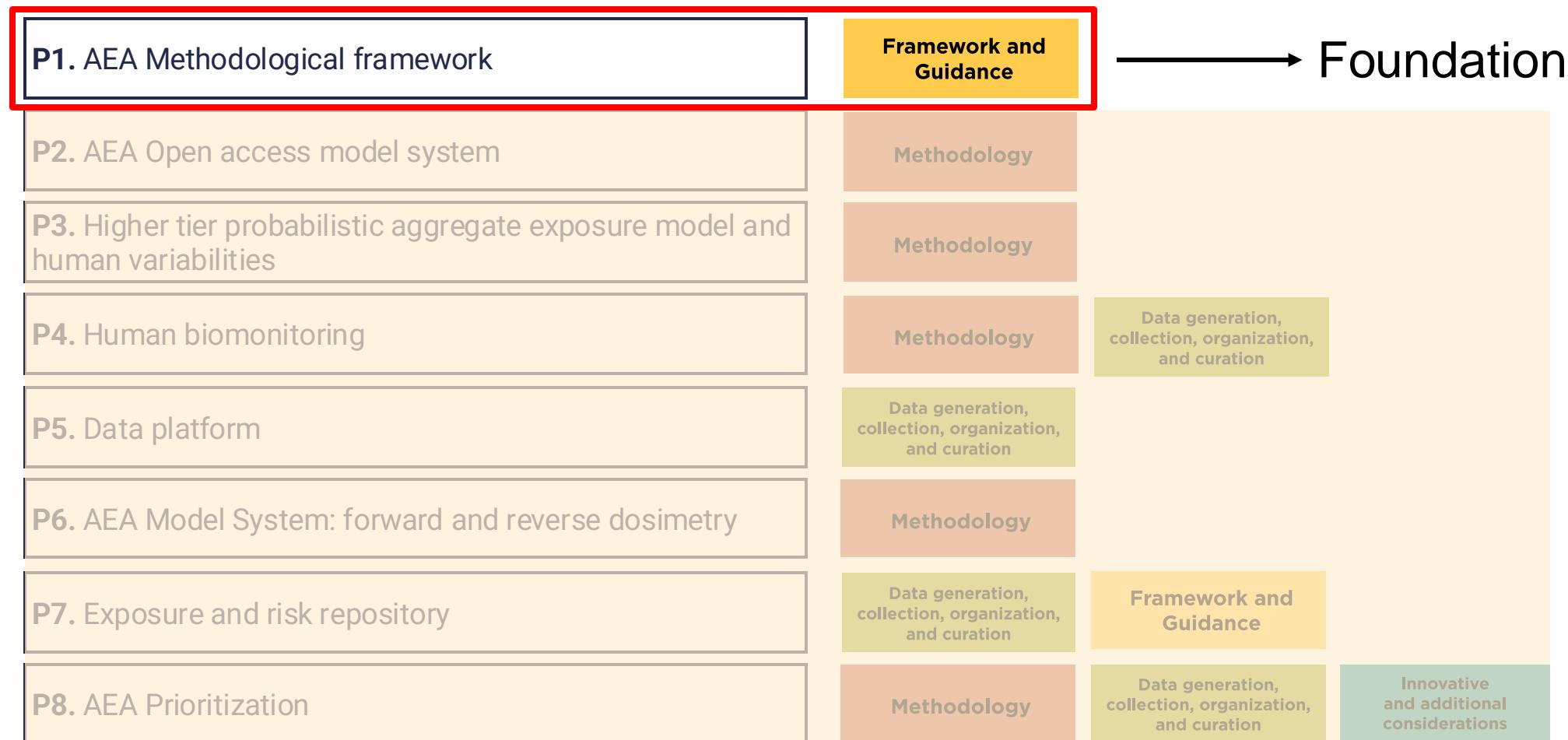
AGGREGATE SYSTEMIC EXPOSURE



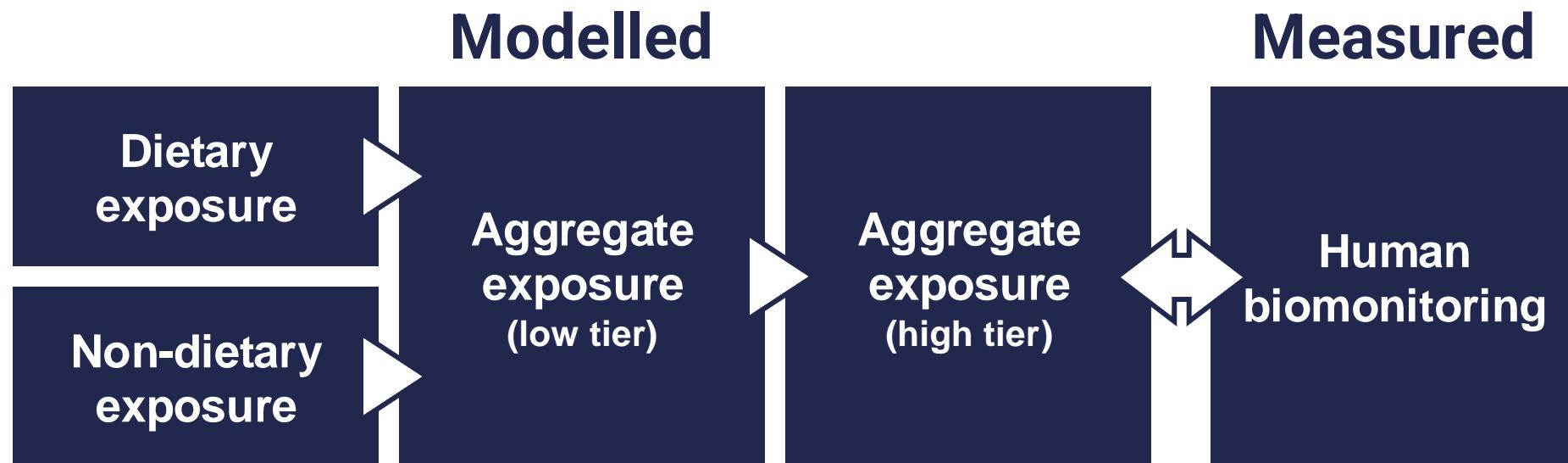
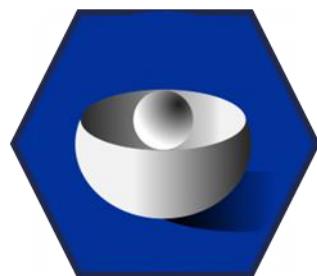
EXPOADVANCE ROADMAP | PROPOSED PROJECTS

Project proposal

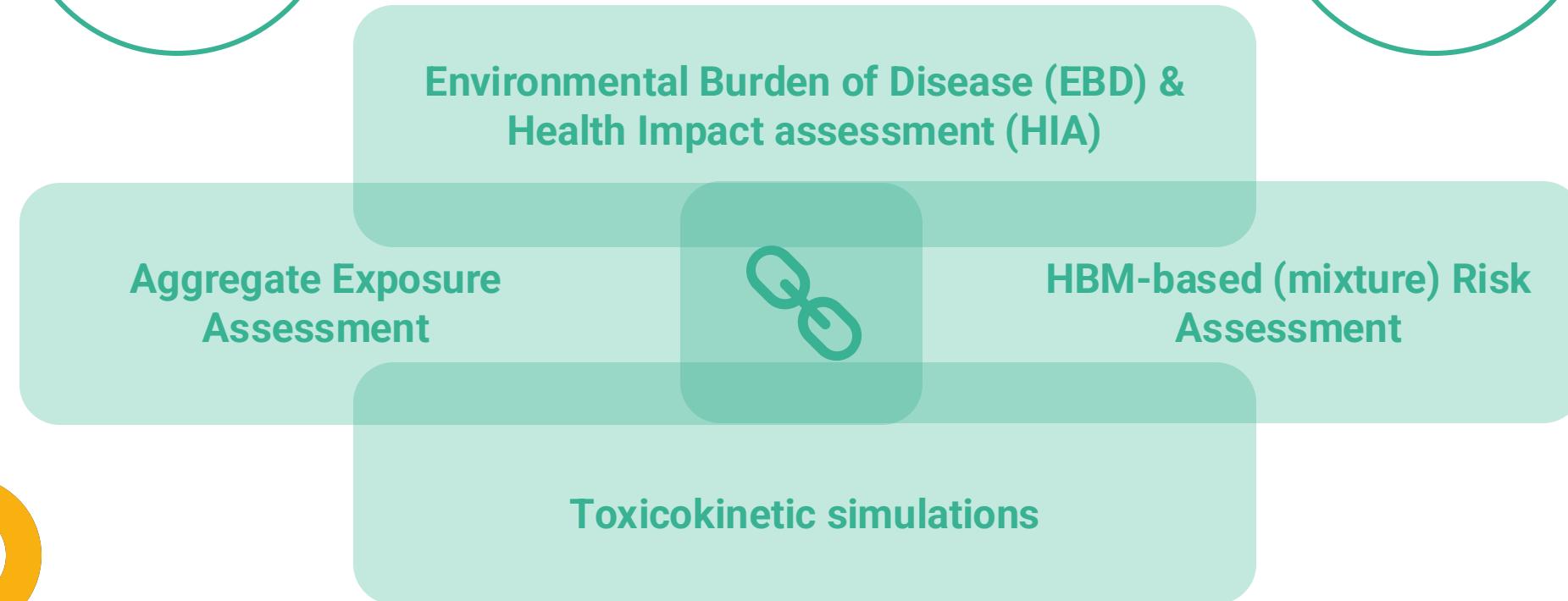
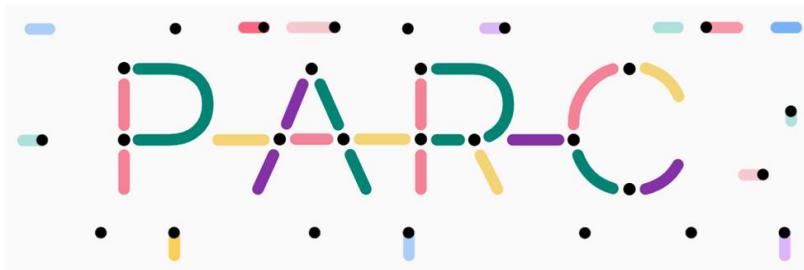
Working area



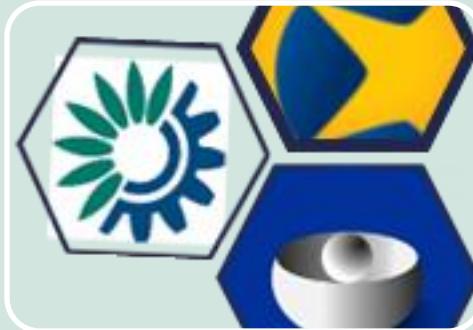
EXPOADVANCE ROADMAP | PROPOSED EU FRAMEWORK



EXPOADVANCE ROADMAP | CONNECTIONS PARC



EXPOADVANCE ROADMAP | ENGAGEMENT ACTIVITIES



EU Agencies

4th Q 2024 - 1st Q 2025

- ECHA: 18.10.24
- EEA: t.b.c
- EMA: t.b.c

Member States

94th AF meeting: 4-5.12.24

Other Actors

Ongoing



AGGREGATED EXPOSURE ASSESSMENT | LEAD

Q1 2024 Q2 2024 Q3 2024 Q4 2024 Q1 2025 Q2 2025



Dietary exposure assessment



Non-dietary exposure assessment

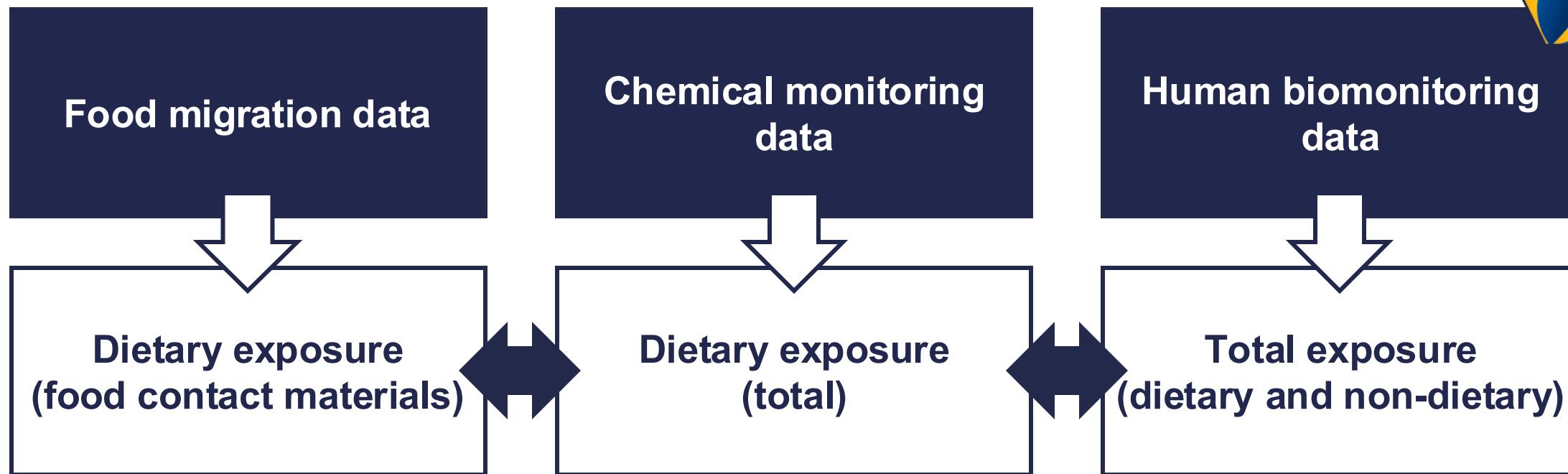
EFSA Scientific Report
(dietary exposure only)

EEA Report
(burden of disease)



AGGREGATED EXPOSURE ASSESSMENT | PHTHALATES

Mandate for pilot exposure assessment currently under negotiation



AGGREGATED EXPOSURE ASSESSMENT | TODAY'S SESSION

- Understand MS **interest** and willingness to contribute to an EU framework for aggregated exposure assessment
- Exchange on the **experience** gained at MS level in terms of aggregate exposure assessment
- Discuss how MSs can **support** by leveraging on their expertise, utilizing existing models, and providing relevant data



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