



The ConSensQ Consortium

Quality management guidance for recycled
plastics in contact-sensitive applications

Consortium presentation | July 2025

CONSENSQ

² | Why a new consortium on quality management?



Recycled plastics are increasingly used in **contact-sensitive applications** (e.g., cosmetic packaging, hygiene products, and their packaging). This is encouraged or required by evolving regulatory frameworks next to sustainability and innovation goals.



Current quality management practices are almost always based on a batch-by-batch testing — **costly, slow, and difficult to scale**.



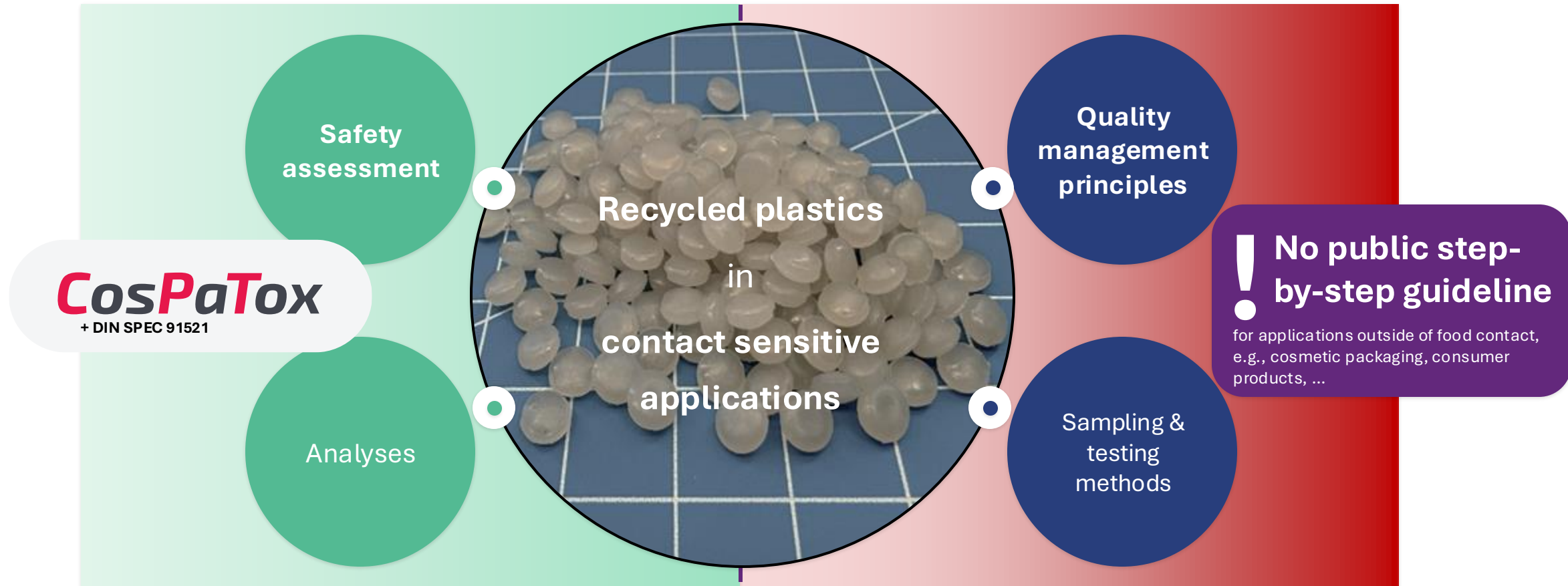
Lack of a **harmonised quality management guidance** limits the value chain adopting lighter alternative approaches.



³ | ConSensQ intends to fill a key guidance gap

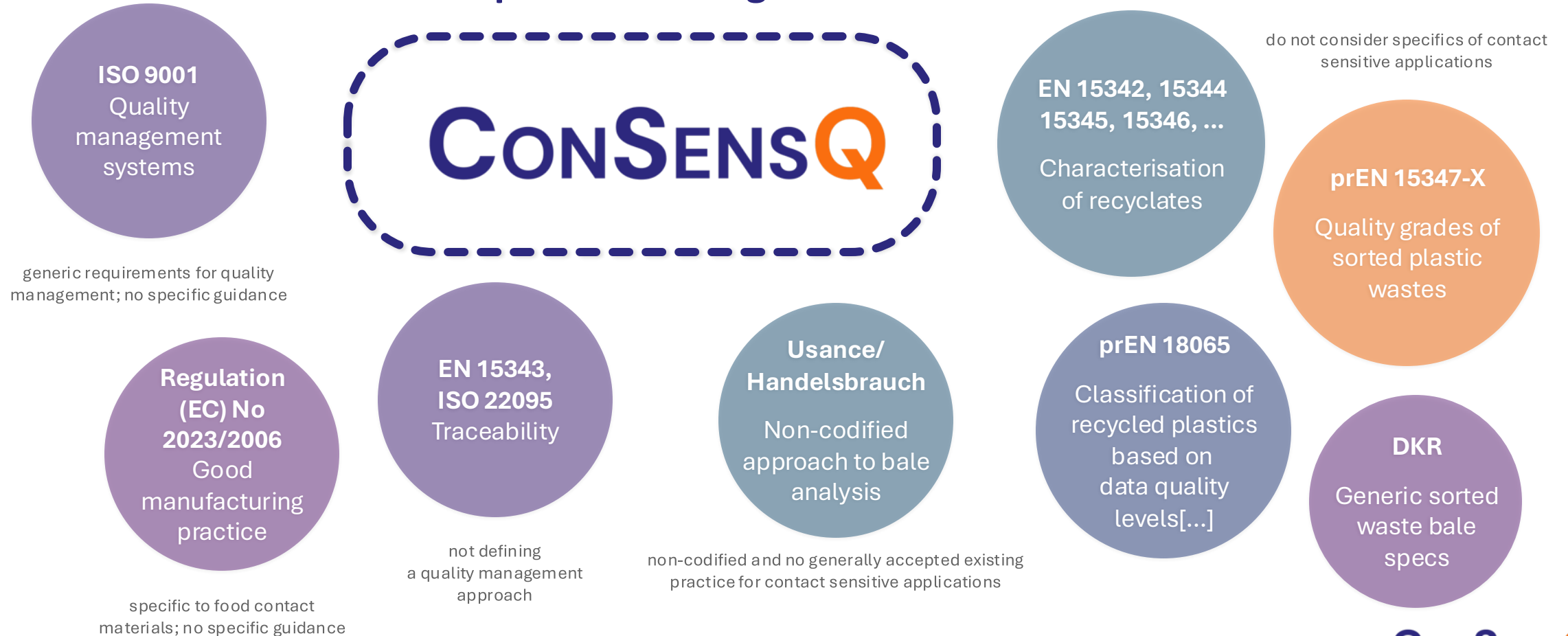
Qualification of recycled plastics
for contact sensitive applications

Continuous **quality management**
for recycled plastics



4 | The lack of a practitioners guide to quality

Lack of a practitioner's guideline



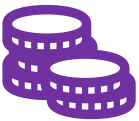
⁵ | ConSensQ: A Smarter Path to Quality Assurance



Development of a **voluntary industry guideline** for quality management of post consumer recycled (PCR) plastics



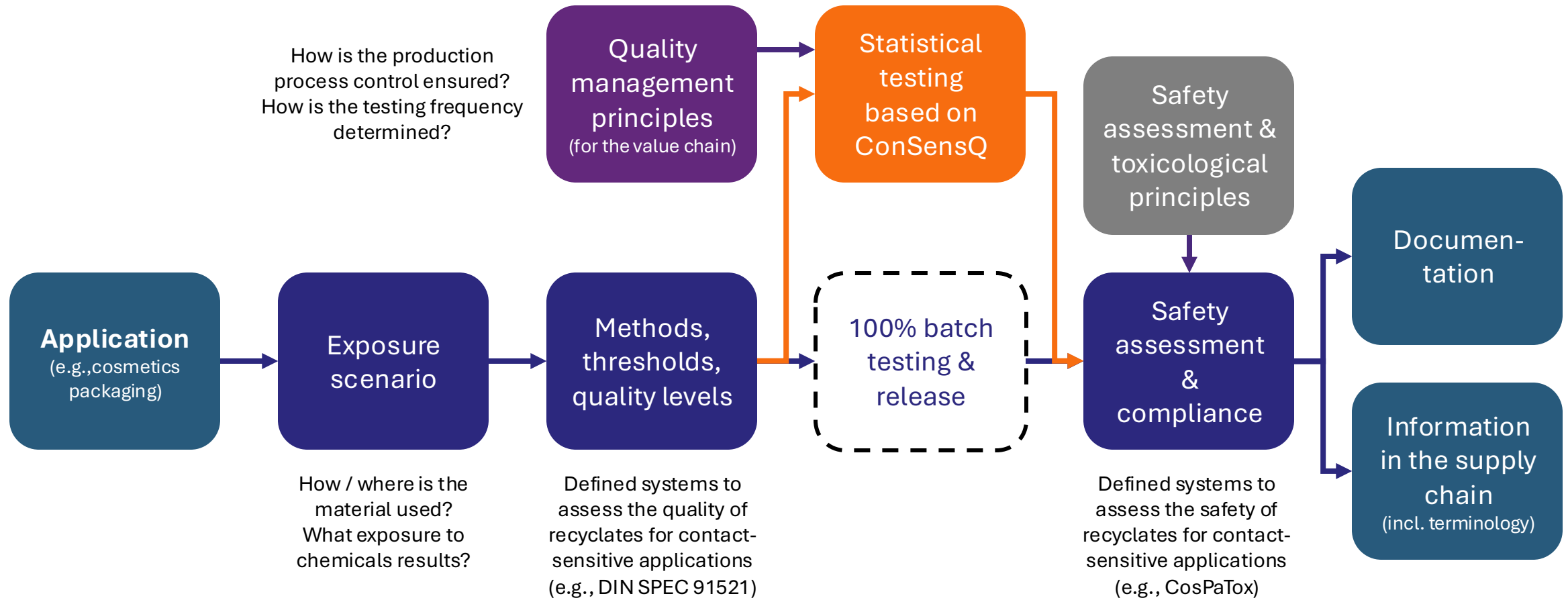
Enabling the **safe use of recyclates without 100% positive release (batch-by-batch) testing**



Supporting a **cost-effective, scalable circular economy** for contact-sensitive recycled plastic applications

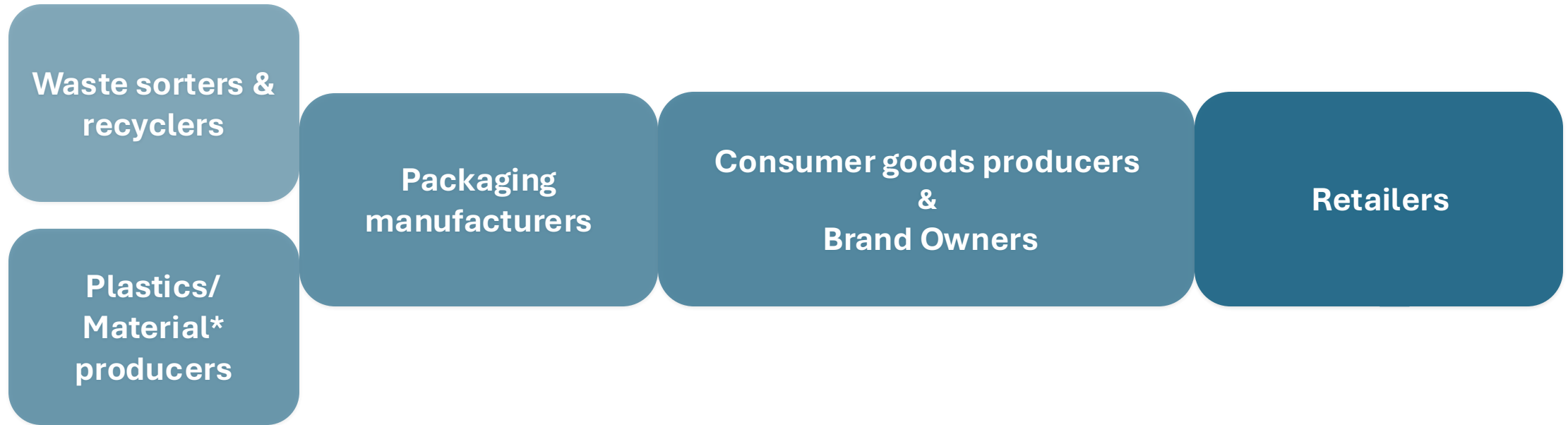


⁶ | Statistical testing based on the ConSensQ guidance

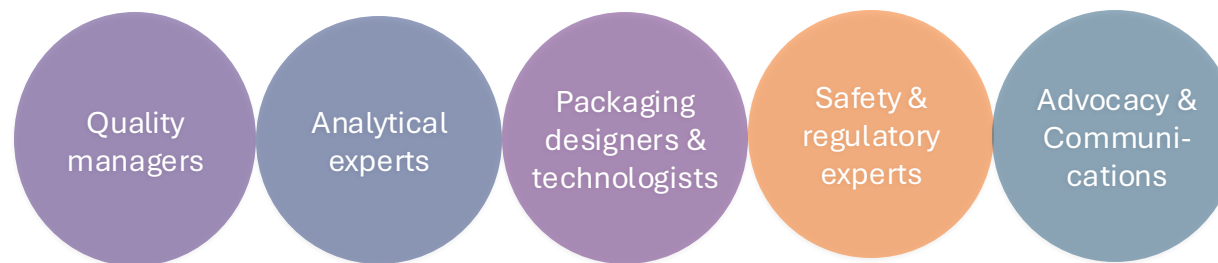


7 | Intended composition of the consortium

Member companies representing the entire plastics value chain



Members' delegated experts



*) for example, inks, adhesives, coatings, additives

⁸ | Join the ConSensQ Consortium – Here is why



To **accelerate market access and availability** for safe recycled plastics you produce or use



To **reduce your testing burdens and compliance costs** as a producer or user of plastic recyclates



To collaborate with experts across the value chain to **create guidance trusted by the value chain**



To **enable clear and effective communication** between producers and users of recyclates



Be part of shaping the future of quality management practice!

9 | ConSensQ deliverables



A voluntary **quality management guideline** for post consumer recycled (PCR) plastics, along with an accompanying **scientific dossier**



A **DIN SPEC pre-norm** based on the guideline



Optional: Academic publications



All outputs will be voluntary, **industry-driven** guidance, written for the practitioner.



¹⁰ | Intended ConSensQ consortium timeline



**Building on a strong Pre-Consortium phase,
ConSensQ is ready to start its productive work in September.**

| How We Operate: Governance and Budget



Consortium Agreement and Governance Rules established



Steering Committee and Project Management structure defined



2025 contribution EUR 10,000 per member



Budget contributions 2026 and 2027 to be determined, subject to annual review and approval by Steering Committee



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EMERGING**MOTIF**

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