



ConSens-Q Pre-Consortium

Review of the background literature identified in the Pre-Consortium

Dennis Bankmann | August 2025

CONSENSQ

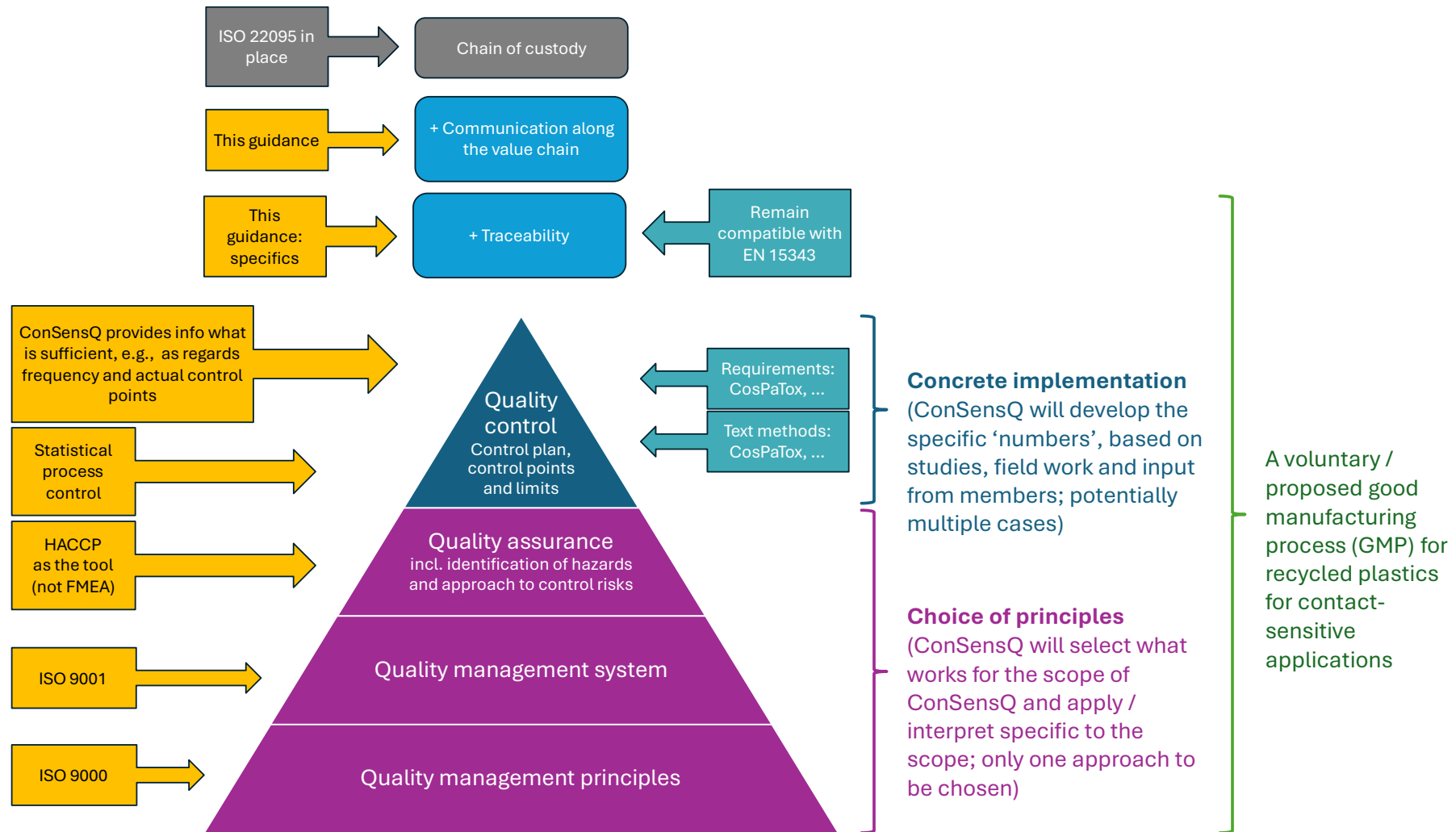
² | Review of quality management guidance

1. The review of the background literature identified in the pre-consortium confirms the need for our work in ConSensQ and confirms that we have made sound choices for the approach in the pre-consortium
2. Based on the review, we can readily – and should – base the **quality management (system)** aspects on **ISO 9000 and ISO 9001**, adding a specific guidance
This is not only because many companies will already be committed to ISO 9001, but also because it provides a very suitable framework
3. All the above remains relatively general, we will mainly **pick our preferred tools (e.g., statistical control) and methods (e.g., HACCP)** and **set minimum requirements**, where things are optional in the source documents
4. As per my proposal during the pre-consortium, it appears that the **HACCP approach** could be adapted to define what **quality assurance** will mean for us
HACCP is also mentioned by the relevant ISO standards as one option for quality assurance (i.e., as a quality tool)
To note: HACCP is for food, but if we delete the word ‘food’ from it, it remains a very useful, reliable and straightforward concept – much simpler than FMEA, which would be a typical alternative
Participants are encouraged to read the US CFR ([link](#)) which is very to the point
If one skips the mention of food and feed in the document, the remainder reads very close to what we want to achieve
5. Another **core part of the ‘leg-work’ for ConSensQ** will be on **quality control**, where we will go beyond principles, and suggest thresholds, test methods, and testing frequencies. This is where member data and practical testing will feed into; also, the thresholds from CosPaTox and further, to-be-developed, exposure scenarios. Here, we will also introduce the **statistical methods**

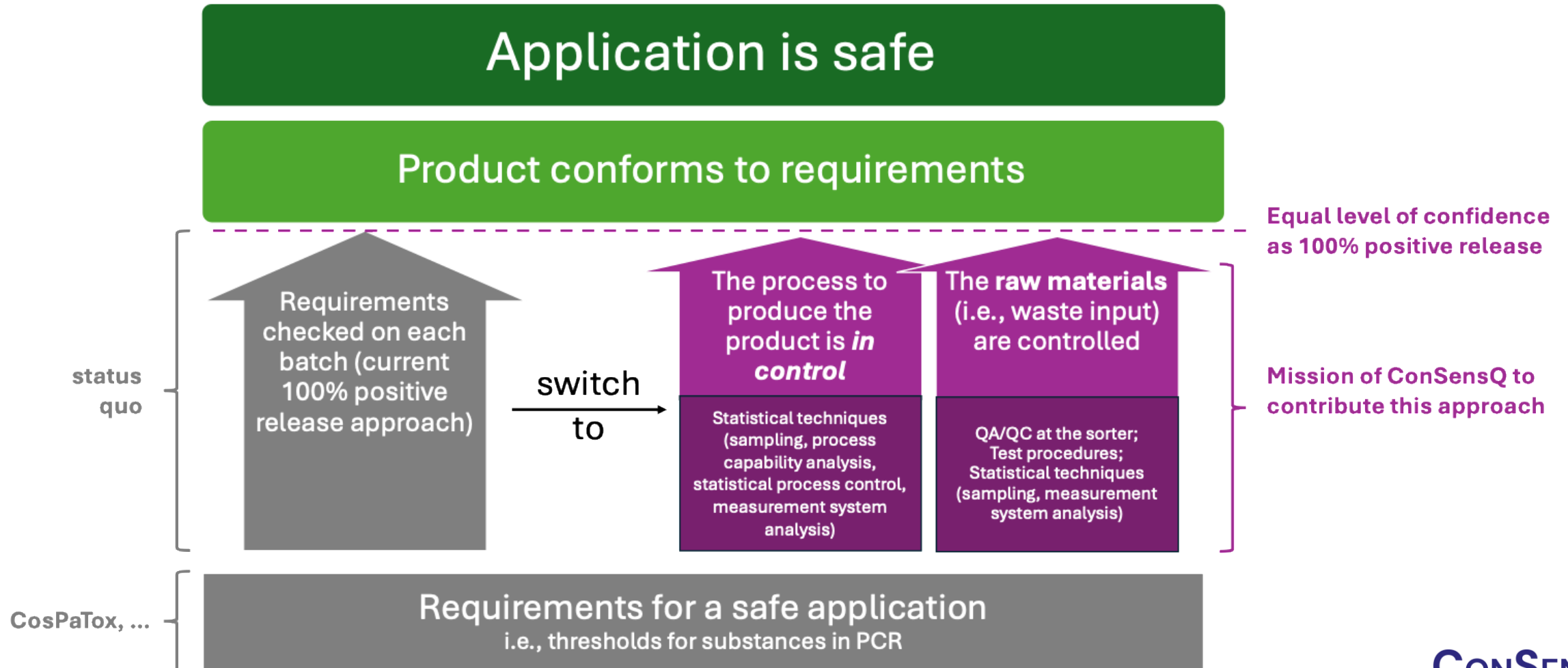
³ | Traceability, chain-of-custody and communication

1. Based on the need of contact-sensitive end-markets, We should add a requirement for **traceability** beyond EN 15343, which works for attestation of recycled content but appears not sufficient for e.g., product recall procedures
2. The development of a concrete **chain-of-custody** proposal will not be required in my view; rather, **ISO 22095** could be applied alongside our guideline
3. We will add, as per the pre-consortium agreement, **communication along the value chain** proposals -- this is not covered at all in the background literature; we may have to start this from zero base

4 | Expected 'architecture' of the ConSensQ work



⁵ | Statistical quality control means a controlled process and controlled raw materials



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EMERGING**MOTIF**

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